



**EUROPEAN COMMISSION - DG ENVIRONMENT**

**TECHNICAL SUPPORT IN RELATION TO THE  
IMPLEMENTATION OF THE WATER FRAMEWORK  
DIRECTIVE (2000/60/EC)**

**A USER GUIDE TO THE WFD REPORTING SCHEMA  
IMP\_POM**

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**TECHNICAL SUPPORT IN RELATION TO THE IMPLEMENTATION  
OF THE WATER FRAMEWORK DIRECTIVE (2000/60/EC)**

**A USER GUIDE TO THE WFD REPORTING SCHEMA IMP\_POM**

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## Document History

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## **1. INTRODUCTION**

The purpose of this document is to provide guidance to users on the key issues relating to the IMP\_POM schema for reporting on the Water Framework Directive (WFD).

The reporting requirements for the IMP\_POM can be found at the following address in the circa library:

[http://circa.europa.eu/Public/irc/env/wfd/library?l=/framework\\_directive/thematic\\_documents/p\\_-\\_reporting/w-wise\\_background/reporting\\_guidance](http://circa.europa.eu/Public/irc/env/wfd/library?l=/framework_directive/thematic_documents/p_-_reporting/w-wise_background/reporting_guidance)

As the reporting sheet is agreed upon it is translated into an electronic reporting schema (xml). The purpose of this document is to provide guidance on the filling out of the schema and issues to be aware of.

This version covers only the reporting of administrative arrangements for Progress on the implementation of the Programmes of Measures of the WFD.

### **1.1 What is in this document**

- Section 2 provides an overview of the general issues in the schema;
- Section 3.1 describes the Common Schema;
- Section 3.2 describes the key elements for reporting the Progress on the implementation of the Programmes of Measures (IMP\_POM);

## 2. IMP\_POM REPORTING SCHEMA – GENERAL ISSUES

### 2.1 Background

The development of the Reporting schema has followed the following accepted principles:

- *That a Reporting sheet do not provide all the technical specifications needed to neither develop the data exchange formats nor provide guidance to the data provider.*
- *These technical specifications may lead, where necessary, to adaptations of reporting requirements in order to facilitate the electronic data exchange.*
- *The technical process will also ensure that data which has been already submitted to WISE do not have to be reported again.*
- *The technical specifications will be developed in cooperation with the Member States.*

The schemas were developed on the basis of the 2012 reporting sheet and the draft outline of the schema as agreed in the WG D.

### 2.2 General issues

#### 2.2.1 Stylesheet

Stylesheets, which convert the corresponding XML files to a more readable HTML format, are provided for the schema.

#### 2.2.2 Namespaces, Schema and Stylesheet Locations

The schemas and stylesheet is located at URL:

<http://icm.eionet.europa.eu/schemas/dir200060ec>

<http://icm.eionet.europa.eu/schemas/dir200060ec/resources2012>

#### 2.2.3 Metadata

As a minimum, the following metadata attributes are required for each XML file.

Attribute Name	Description	Status
CreationDate	Date the file was created	Required

Creator	Name of organisation	Required
Email	Contact email	Optional
Description	Descriptions of the file	Optional
GeneratedBy	Method used to generate the file e.g. Access tool	Optional
MD_ClassificationCode	Codes for data security classification: 001 = Unclassified - available for general circulation and public, 003 = Confidential - available for EC reporting only	Optional
FileName	Name of the file	Optional
Language	Reporting language	Required

It is possible to provide a link to an associated metadata document for each file using the <METADATA> element. This allows up to 2000 characters to be specified or alternatively may be used to provide a hyperlink or description of an associated metadata file. This should be used to define any restrictions on the data.

#### 2.2.4 Additional Internet-based information

A <URL> element is also provided. This allows a hyperlink to be provided to further information in the Member States own Internet-based systems. This could be, for example:

- A link to on-line relevant national methodology reports and statistics;
- A link to a feature/location in a web-based mapping system.

#### 2.2.5 Required Elements

A large number of fields are **required** in order to ensure that the submission can be processed. Note that the term “mandatory” is no longer used in the context of schemas because of possible confusion with “mandatory” in the sense of legal compliance (i.e. failure to supply mandatory information is legally not in compliance with the directive).

In principle, information is required unless it is stated explicitly that information is optional or should be reported “if possible” or if “available”.

### **2.2.6 Conditional Elements**

Other elements are **conditional**, for example <ReasonsState> which **must** be completed **only** if the answer is **YES** to the question in <SubstantialDelay> “Is there substantial delays in the implementation or foreseen that may put at risk the completion of the measure on time?” So the general rule is applied: If the answer to Element A is YES, then completion of Element B is required in Conditional Elements.

Conditional elements are not (technically) possible in XML schema. Therefore all these elements have been identified as optional in the schema but with the “If .....then” conditional clause added to the annotation.

### **2.2.7 Optional Elements**

Other elements are **optional**, for example those elements that allow MS to enter a URL or text strings for further information to aid clarity to an answer, or any information qualified in the Reporting sheets as due to be reported “if possible” or “if available”.

### **2.2.8 Common Elements**

Each schema references a number of **common** elements. As with previous reporting, all common definitions and all enumeration lists are defined in the WFDCommon schema. As part of the schema development some new common elements have been established.



### **3. THE SCHEMAS**

The following sections provide the “annotations” or descriptive notes for the schema main elements which are intended to help and guide the person completing the schemas.

#### **3.1 Schema changes**

The first draft of the IMP\_POM schema design and the supporting database has been subject to changes after a testing phase carried out from July till September 2011, comments from Working group D on the 28-29 of September 2011 and comments from the Commission.

Database track changes:

- The reporting requirements for MeasureName and Measuredescription have changed since the elements only will be required if a new NEW supplementary/additional measure has been defined. For supplementary/additional measures reported in the RBMP the information will be added in the conversion tool and therefore be visible in the stylesheet and the xml.
- Table IMP\_BasicMeasuresArt4\_5 will according to the reporting sheet be renamed to IMP\_SuppMeasuresArticle11\_4\_5 in the database.

Schema track changes:

- An option to add a new key type measure has been added – see structure on p. 169
- For key type measure 9, 10, 11, 12 and 13 a new element has been added in compliance with the reporting sheet to report the quantitative value for the baseline.

### 3.2 THE COMMON SCHEMA

This schema contains the elements common to all schemas including the enumeration lists.

Schema **WFDCommon.xsd**

Complex types

[AssociatedReferenceStructure](#)

Simple types

[CARoleCode](#)

[ChemicalAllSubstancesType](#)

[ChemicalCASNumberType](#)

[ChemicalDeOxygenatingSubstanceCode](#)

[ChemicalMatrixType](#)

[ChemicalNonPrioritySubstanceCASCode](#)

[ChemicalNutrientType](#)

[ChemicalPrioritySubstanceType](#)

[CoordinateType](#)

[CostDecimalType](#)

[CostExemptionType](#)

[CountryCode](#)

[DataConfidentialityClassificationCode](#)

[Economic2009to2015Code](#)

[EconomicWaterServiceType](#)

[EUFunds](#)

[FeatureUniqueCodeType](#)

[FeatureUniqueEUCodeType](#)

[GECode](#)

[GWBackgroundSubstancesCode](#)

[GWChemicalFailureCode](#)

[GWConcentrationUnitsCode](#)

[GWDepthRangeCode](#)

[GWGeologicalFormationCode](#)

[GWImpactTypes](#)

[GWMeasureLevelCode](#)

[GWPollutantAnnexI-IIType](#)

[GWPollutantsCode](#)

[GWPPressureAbstractionType](#)

[GWPPressureAggregatedType](#)

[GWPPressureRechargeType](#)

[GWPPressureType](#)

[GWQuantitativeFailureCode](#)

[GWStatusCode](#)

[GWVerticalOrientationCode](#)

[GWWellOrSpringCode](#)

[KeyTypeOfMeasure1](#)

[KeyTypeOfMeasure10](#)

[KeyTypeOfMeasure11](#)

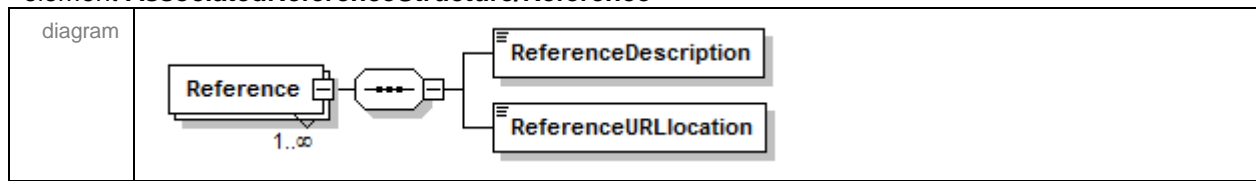
[KeyTypeOfMeasure12](#)  
[KeyTypeOfMeasure13](#)  
[KeyTypeOfMeasure14](#)  
[KeyTypeOfMeasure15](#)  
[KeyTypeOfMeasure16](#)  
[KeyTypeOfMeasure2](#)  
[KeyTypeOfMeasure3](#)  
[KeyTypeOfMeasure4](#)  
[KeyTypeOfMeasure5](#)  
[KeyTypeOfMeasure6](#)  
[KeyTypeOfMeasure7](#)  
[KeyTypeOfMeasure8](#)  
[KeyTypeOfMeasure9](#)  
[MeasureBasicOtherType](#)  
[MeasureCostAggregationType](#)  
[MeasureCostClassificationType](#)  
[MeasureCoverageType](#)  
[MeasureRBDorNationalCode](#)  
[MeasuresBasicType](#)  
[MeasureSWSupplementaryType](#)  
[MethodLoadType](#)  
[MonitoringDepthCode](#)  
[MonitoringInternationalNetworkType](#)  
[MonitoringInvestigativeCode](#)  
[MonitoringProgrammeLevelCode](#)  
[MonitoringSubsiteCode](#)  
[NumberDecimalBaseType](#)  
[NumberDecimalType](#)  
[NumberExceptionType](#)  
[NumberNonNegativeIntegerType](#)  
[NumberPercentageBaseType](#)  
[NumberPercentageType](#)  
[ObjectivesExemptionType](#)  
[PressureGWAbstractionPeriodType](#)  
[PressureGWAbstractionUnitType](#)  
[PressureLoadUnitType](#)  
[ProtAreaAssociationType](#)  
[ProtectedAreaGWType](#)  
[ProtectedAreaSWType](#)  
[ProtectedAreaType](#)  
[QE3-1ParameterType](#)  
[QEBiologicalCoastalCode](#)  
[QEBiologicalLakeCode](#)  
[QEBiologicalRiverCode](#)  
[QEBiologicalTransitionalCode](#)  
[QECODE](#)  
[QEEcologicalCode](#)  
[QEHydromorphCoastalCode](#)

[QEHydromorphLakeCode](#)  
[QEHydromorphRiverCode](#)  
[QEHydromorphTransitionalCode](#)  
[ReportingLevelCode](#)  
[ScaleType](#)  
[StateOfImplementation](#)  
[StatusConfidenceType](#)  
[StatusOrPotentialType](#)  
[String1000Type](#)  
[String100Type](#)  
[String2000Type](#)  
[String250Type](#)  
[String5000Type](#)  
[String500Type](#)  
[String50Type](#)  
[SWCategoryAllCode](#)  
[SWCategoryCode](#)  
[SWImpactType](#)  
[SWNaturalCode](#)  
[SWPressureAbstractionType](#)  
[SWPressureAggregatedType](#)  
[SWPressureType](#)  
[SWStatusChemicalCode](#)  
[SWStatusEcologicalCode](#)  
[SWStatusGeneralPhysicoChemicalCode](#)  
[SWStatusHydroMorphCode](#)  
[SWStatusNonPrioritySubstanceCode](#)  
[SWStatusProtAreaCode](#)  
[TypologyCoastalIntercalibrationCode](#)  
[TypologyLakeIntercalibrationCode](#)  
[TypologyRiverIntercalibrationCode](#)  
[TypologyTransitionalIntercalibrationCode](#)  
[YesCode](#)  
[YesNoCode](#)  
[YesNoNotApplicableCode](#)  
[YesNoUnknownCode](#)

#### complexType AssociatedReferenceStructure

diagram	<pre> classDiagram     class AssociatedReferenceStructure {         Reference 1..∞     }     class Reference     AssociatedReferenceStructure "1" -- "1..∞" Reference         </pre>
annotation	documentation Structure to hold URL and a description of what it contains

element **AssociatedReferenceStructure/Reference**



element **AssociatedReferenceStructure/Reference/ReferenceDescription**

diagram	
type	restriction of <b>xs:string</b>

element **AssociatedReferenceStructure/Reference/ReferenceURLlocation**

diagram	
type	<b>xs:anyURI</b>

simpleType **CARoleCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	A	
	enumeration	B01	
	enumeration	B02	
	enumeration	B03	
annotation	documentation Codes for the Roles: A=Coordination, preparation and production of river basin management plans (RBMPs); B01=Reporting monitoring requirements, establishment of programmes of measures. B02=Reporting, regulation and authorisation of surface water activities, regulation and authorisation of groundwater activities and B03=Reporting public information and consultation.		

simpleType **ChemicalAllSubstancesType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1 Heavy Metals - aggregated	
	enumeration	1.1 Cadmium	
	enumeration	1.2 Lead	
	enumeration	1.3 Mercury	
	enumeration	1.4 Nickel	
	enumeration	2 Pesticides - aggregated	
	enumeration	2.1 Alachlor	
	enumeration	2.2 Atrazine	
	enumeration	2.3 Chlorpyriphos	
	enumeration	2.4 Chlorvenfinphos	

	enumeration	2.5 Diuron
	enumeration	2.6 Endosulfan
	enumeration	2.7 Isoproturon
	enumeration	2.8 Hexachlorocyclohexane
	enumeration	2.9 Pentachlorobenzene
	enumeration	2.10 Simazine
	enumeration	2.11 Trifluralin
	enumeration	3 Industrial Pollutants - aggregated
	enumeration	3.1 Anthracene
	enumeration	3.2 Benzene
	enumeration	3.3 Brominated diphenylether
	enumeration	3.4 Carbon tetrachloride
	enumeration	3.5 C10-13-chloroalkanes
	enumeration	3.6 1,2-Dichloroethane
	enumeration	3.7 Dichloromethane
	enumeration	3.8 Di(2-ethylhexyl)phthalate (DEHP)
	enumeration	3.9 Naphthalene
	enumeration	3.10 Nonylphenol
	enumeration	3.11 Octylphenol
	enumeration	3.12 Tetrachloroethylene
	enumeration	3.13 Trichloroethylene
	enumeration	3.14 Trichloromethane
	enumeration	4 Other pollutants - aggregated
	enumeration	4.1 Aldrin
	enumeration	4.2 Dieldrin
	enumeration	4.3 Endrin
	enumeration	4.4 Isodrin
	enumeration	4.5 DDT Total
	enumeration	4.6 para-para-DDT
	enumeration	4.7 Flouranthene
	enumeration	4.8 Hexachlorobenzene
	enumeration	4.9 Hexachlorobutadiene
	enumeration	4.10 Pentachlorophenol
	enumeration	4.11 Polyaromatic hydrocarbons
	enumeration	4.12 Benzo(a)pyrene
	enumeration	4.13 Benzo(b)fluoranthene
	enumeration	4.14 Benzo(k)fluoranthene
	enumeration	4.15 Benzo(g,h,i)perylene
	enumeration	4.16 Indeno(1,2,3-cd)pyrene
	enumeration	4.17 Tributyltin compounds
	enumeration	4.18 Trichlorobenzenes (all isomers)
annotation	documentation	Contains Heavy Metals, Pesticides, Priority Substances and Other Pollutants

#### simpleType **ChemicalCASNumberType**

type	restriction of <b>xs:string</b>
annotation	documentation Type to enter CAS numbers

simpleType **ChemicalDeOxygenatingSubstanceCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	BOD5	
	enumeration	BOD7	
	enumeration	COD	
	enumeration	CODCr	
	enumeration	CODMn	
annotation	documentation An enumeration list of BOD5, BOD7, COD, CODCr, CODMn		

simpleType **ChemicalMatrixType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	water	
	enumeration	settled sediment	
	enumeration	suspended sediment	
	enumeration	biota	
annotation	documentation Defines the types of chemical measurement methods		

simpleType **ChemicalNonPrioritySubstanceCASCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1002-53-5	
	enumeration	10028-17-8	
	enumeration	104-40-5	
	enumeration	106-43-4	
	enumeration	106-93-4	
	enumeration	107-13-1	
	enumeration	107-46-0	
	enumeration	108-70-3	
	enumeration	115-32-2	
	enumeration	1163-19-5	
	enumeration	120-82-1	
	enumeration	12767-79-2	
	enumeration	129-00-0	
	enumeration	1321-64-8	
	enumeration	1321-65-9	
	enumeration	1335-87-1	
	enumeration	1335-88-2	
	enumeration	1336-36-3	
	enumeration	136677-10-6	
	enumeration	140-57-8	
	enumeration	140-66-9	

enumeration	143-50-0
enumeration	144-49-0
enumeration	16478-18-5
enumeration	1746-01-6
enumeration	182346-21-0
enumeration	1825-21-4
enumeration	182677-30-1
enumeration	1836-75-5
enumeration	189084-64-8
enumeration	2051-24-3
enumeration	207122-15-4
enumeration	208-96-8
enumeration	2104-64-5
enumeration	218-01-9
enumeration	2227-13-6
enumeration	2234-13-1
enumeration	23593-75-1
enumeration	2385-85-5
enumeration	2440-02-0
enumeration	262-12-4
enumeration	294-62-2
enumeration	297-78-9
enumeration	31508-00-6
enumeration	319-84-6
enumeration	319-85-7
enumeration	32241-08-0
enumeration	32536-52-0
enumeration	32598-13-3
enumeration	32598-14-4
enumeration	32774-16-6
enumeration	330-55-2
enumeration	3424-82-6
enumeration	35065-27-1
enumeration	35065-28-2
enumeration	35065-29-3
enumeration	35693-99-3
enumeration	36065-30-2
enumeration	36355-01-8
enumeration	36643-28-4
enumeration	37680-73-2
enumeration	38380-08-4
enumeration	39765-80-5
enumeration	4234-79-1
enumeration	4636-83-3
enumeration	4904-61-4
enumeration	51000-52-3
enumeration	512-04-9



enumeration	53-19-0
enumeration	53-70-3
enumeration	5436-43-1
enumeration	55525-54-7
enumeration	56-55-3
enumeration	57465-28-8
enumeration	57-74-9
enumeration	58-89-9
enumeration	603-35-0
enumeration	60348-60-9
enumeration	60-51-5
enumeration	6164-98-3
enumeration	62-73-7
enumeration	64743-03-9
enumeration	68631-49-2
enumeration	69782-90-7
enumeration	7012-37-5
enumeration	70124-77-5
enumeration	70776-03-3
enumeration	72-43-5
enumeration	72-54-8
enumeration	72-55-9
enumeration	732-26-3
enumeration	7429-90-5
enumeration	7439-89-6
enumeration	7439-96-5
enumeration	7439-98-7
enumeration	7440-31-5
enumeration	7440-33-7
enumeration	7440-38-2
enumeration	7440-47-3
enumeration	7440-48-4
enumeration	7440-50-8
enumeration	7440-62-2
enumeration	7440-66-6
enumeration	76-44-8
enumeration	77-47-4
enumeration	7782-49-2
enumeration	789-02-6
enumeration	793-24-8
enumeration	79-94-7
enumeration	8001-35-2
enumeration	81-15-2
enumeration	82-68-8
enumeration	83-32-9
enumeration	84-66-2
enumeration	84-69-5

	<p>enumeration 84-74-2</p> <p>enumeration 84852-15-3</p> <p>enumeration 85-01-8</p> <p>enumeration 85-22-3</p> <p>enumeration 85-68-7</p> <p>enumeration 86-73-7</p> <p>enumeration 87-61-6</p> <p>enumeration 90-12-0</p> <p>enumeration 9016-45-9</p> <p>enumeration 91-57-6</p> <p>enumeration 919-86-8</p> <p>enumeration 93-76-5</p> <p>enumeration 959-98-8</p> <p>enumeration 98-51-1</p> <p>enumeration Other</p>
annotation	<p>documentation</p> <p>Defines the list of non-Priority Substance pollutants</p> <p>CAS Number and Substance</p> <p>1002-53-5 Dibutyltin</p> <p>10028-17-8 Tritium</p> <p>104-40-5 4-nonylphenol</p> <p>106-43-4 4-chlorotoluene</p> <p>106-93-4 1,2-dibromoethane</p> <p>107-13-1 Acrylonitrile</p> <p>107-46-0 Hexamethyldisiloxane (HMDS)</p> <p>108-70-3 1,3,5-trichlorobenzene</p> <p>115-32-2 Dicofol</p> <p>1163-19-5 Bis(pentabromophenyl) ether</p> <p>120-82-1 1,2,4-trichlorobenzene</p> <p>12767-79-2 Aroclor</p> <p>129-00-0 Pyrene</p> <p>1321-64-8 Pentachloronaphthalene</p> <p>1321-65-9 Trichloronaphthalene</p> <p>1335-87-1 Hexachloronaphthalene</p> <p>1335-88-2 Tetrachloronaphthalene</p> <p>1336-36-3 Polychlorinated biphenyls</p> <p>136677-10-6 Polychlorinated dibenzofurans (PCDF)</p> <p>140-57-8 Aramite</p> <p>140-66-9 Para-tert-octylphenol</p> <p>143-50-0 Chlordane (Kepone)</p> <p>144-49-0 Fluoroacetic acid</p> <p>16478-18-5 Pentachloriodobenzene</p> <p>1746-01-6 Dioxin</p> <p>182346-21-0 2,2',3,4,4'-pentabromodiphenyl ether (BDE85)</p> <p>1825-21-4 Pentachloroanisole</p> <p>182677-30-1 2,2',3,4,4',5'-hexabromodiphenyl Ether (BD(E)138)</p> <p>1836-75-5 Nitrophen</p> <p>189084-64-8 2,2',4,4',6-pentabromodiphenyl Ether (BD(E)100)</p> <p>2051-24-3 5,5',6,6'-decachlorobiphenyl (CB209)</p> <p>207122-15-4 2,2',4,4',5,6'-hexabromodiphenyl Ether (BDE154)</p> <p>208-96-8 Acenaphthylene</p> <p>2104-64-5 Ethyl O-(p-nitrophenyl) phenyl phosphonothionate (EPN)</p> <p>218-01-9 Chrysene</p> <p>2227-13-6 Tetrasul</p> <p>2234-13-1 Octachloronaphthalene</p> <p>23593-75-1 Clotrimazole</p> <p>2385-85-5 Mirex</p> <p>2440-02-0 Heptachloronorborene</p> <p>262-12-4 Dibenzodioxin</p> <p>294-62-2 Cyclododecane</p> <p>297-78-9 Isobenzene</p> <p>31508-00-6 2,3',4,4',5-pentachlorobiphenyl (CB118)</p> <p>319-84-6 alpha-HCH</p> <p>319-85-7 beta-HCH</p>

32241-08-0 Heptachloronaphthalene
32534-81-9 Diphenyl ether, pentabromo derivative
32536-52-0 Diphenyl ether, octabromo deviate
32598-13-3 3,3',4,4'-tetrachlorobiphenyl (CB77)
32598-14-4 2,3,3',4,4'-pentachlorobiphenyl (CB105)
32774-16-6 3,3',4,4',5,5'-hexachlorobiphenyl (CB169)
330-55-2 Linuron
3424-82-6 DDE, o, p
35065-27-1 2,2',4,4',5,5'-hexachlorobiphenyl (CB153)
35065-28-2 2,2',3,4,4',5'-hexachlorobiphenyl (CB138)
35065-29-3 2,2',3,4,4',5'-heptachlorobiphenyl (CB180)
35693-99-3 2,2',5,5'-tetrachlorobiphenyl (CB52)
36065-30-2 2,4,6-tribromophenyl 2-methyl-2,3-dibromopropyl ether
36355-01-8 Hexabromobiphenyl
36643-28-4 Tributyltin
37680-73-2 2,2',4,5,5'-pentachlorobiphenyl (CB101)
38380-08-4 2,3,3',4,4',5'-hexachlorobiphenyl (CB156)
39765-80-5 trans-Nonachlor
4234-79-1 Kelevan
4636-83-3 Morfamquat
4904-61-4 1,5,9 cyclododecatriene
51000-52-3 Vinyl neodecanoate
512-04-9 Diosgenin
53-19-0 DDD, o, p
53-70-3 Dibenz[a,h]anthracene
5436-43-1 2,2',4,4'-tetrabromodiphenyl ether (BDE47)
55525-54-7 3,3'-(ureylenedimethylene)bis(3,5,5'- trimethylcyclohexyl) diisocyanate
56-55-3 Benzo-a-anthracene
57465-28-8 3,3',4,4',5 pentachlorobiphenyl (CB126)
57-74-9 Chlordane
58-89-9 Lindane (gamma-HCH)
603-35-0 Triphenyl phosphine
60348-60-9 2,2',4,4',5-pentabromodiphenyl ether (BDE99)
60-51-5 Dimethoate
6164-98-3 Chlordimeform
62-73-7 Dichlorvos
64743-03-9 Phenols
68631-49-2 2,2',4,4',5,5'-hexabromodiphenyl ether (BD(E)153)
69782-90-7 2,3,3',4,4',5'-hexachlorobiphenyl (CB157)
7012-37-5 2,4,4'-trichlorobiphenyl (CB28)
70124-77-5 Flucythrinate
70776-03-3 Naphthalene, chloro derivatives
72-43-5 Methoxychlor
72-54-8 DDD, p, p'
72-55-9 DDE, p, p'
732-26-3 2,4,6-tri-tert-butylphenol
7429-90-5 Aluminium and its compounds
7439-89-6 Iron and its compounds
7439-96-5 Manganese and its compounds
7439-98-7 Molybdenum and its compounds
7440-31-5 Tin and its compounds
7440-33-7 Tungsten and its compounds
7440-38-2 Arsenic and its compounds
7440-47-3 Chromium and its compounds
7440-48-4 Cobalt and its compounds
7440-50-8 Copper and its compounds
7440-62-2 Vanadium and its compounds
7440-66-6 Zinc and its compounds
76-44-8 Heptachlor
77-47-4 Hexachlorocyclopentadiene (HCCP)
7782-49-2 Selenium and its compounds
789-02-6 DDT, o,p'
793-24-8 4-(dimethylbutylamino) diphenylamin (6PPD)
79-94-7 Tetrabromobisphenol A (TBBP-A)
8001-35-2 Toxaphene
81-15-2 Musk xylene
82-68-8 Quinotozene
83-32-9 Acenaphthene
84-66-2 Di-ethyl phthalate
84-69-5 Di-iso-butyl phthalate
84-74-2 Dibutylphthalate

	84852-15-3 4-nonylphenol (branched) 85-01-8 Phenanthrene 85-22-3 Pentabromoethylbenzene 85-68-7 Butyl benzyl phthalate (BBP) 86-73-7 Fluorene 87-61-6 1,2,3-trichlorobenzene 90-12-0 1-methylnaphthalene 9016-45-9 Nonyl phenol ethoxylate 91-20-3 Naphthalene 91-57-6 2-methylnaphthalene 919-86-8 Demeton-S-methyl 93-76-5 2,4,5-T 959-98-8 alpha-Endosulfan 98-51-1 4-tert-butyltoluene Other
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#### simpleType ChemicalNutrientType

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	KjeldahlNitrogen	
	enumeration	Nitrate	
	enumeration	Nitrite	
	enumeration	OrganicNitrogen	
	enumeration	ParticulateOrganicNitrogen	
	enumeration	Non-ionisedAmmonia	
	enumeration	Orthophosphate	
	enumeration	Soluble Reactive Phosphorous	
	enumeration	Silicate	
	enumeration	TotalInorganicNitrogen	
	enumeration	TotalNitrogen	
	enumeration	TotalOxidisedNitrogen	
	enumeration	TotalAmmonium	
	enumeration	TotalOrganicCarbon	
	enumeration	TotalPhosphorous	
annotation	documentation An enumeration list of Kjeldahl Nitrogen, Nitrate, Nitrite, Organic Nitrogen, Particulate Organic Nitrogen, Non-ionised Ammonia, Orthophosphate, Soluble Reactive Phosphate, Silicate, Total Inorganic Nitrogen, Total Nitrogen, Total Oxidised Nitrogen, Total Ammonium, Total Organic Carbon, Total Phosphorus.		

#### simpleType ChemicalPrioritySubstanceType

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	104-40-5 Nonylphenol	
	enumeration	140-66-9 Octylphenol	
	enumeration	107-06-2 1,2-Dichloroethane	
	enumeration	115-29-7 Endosulfan	
	enumeration	117-81-7 Di(2-ethylhexyl)phthalate (DEHP)	
	enumeration	118-74-1 Hexachlorobenzene	
	enumeration	12002-48-1 Trichlorobenzenes(all isomers)	
	enumeration	120-12-7 Anthracene	
	enumeration	122-34-9 Simazine	
	enumeration	127-18-4 Tetrachloroethylene	

	<p>enumeration 1582-09-8 Trifluralin</p> <p>enumeration 15972-60-8 Alachlor</p> <p>enumeration 1912-24-9 Atrazine</p> <p>enumeration 191-24-2 Benzo(g,h,i)perylene</p> <p>enumeration 193-39-5 Indeno(1,2,3-cd)pyrene</p> <p>enumeration 205-99-2 Benzo(b)fluoranthene</p> <p>enumeration 206-44-0 Fluoranthene</p> <p>enumeration 207-08-9 Benzo(k)fluoranthene</p> <p>enumeration 2921-88-2 Chlorpyrifos</p> <p>enumeration 309-00-2 Aldrin</p> <p>enumeration 32534-81-9 Pentabromodiphenylether</p> <p>enumeration 330-54-1 Diuron</p> <p>enumeration 34123-59-6 Isoproturon</p> <p>enumeration 36643-28-4 Tributyltin compounds</p> <p>enumeration 465-73-6 Isodrin</p> <p>enumeration 470-90-6 Chlorfenvinphos</p> <p>enumeration 50-29-3 para-para-DDT</p> <p>enumeration 50-32-8 Benzo(a)pyrene</p> <p>enumeration 56-23-5 Carbontetrachloride</p> <p>enumeration 60-57-1 Dieldrin</p> <p>enumeration 608-73-1 Hexachlorocyclohexane</p> <p>enumeration 608-93-5 Pentachlorobenzene</p> <p>enumeration 67-66-3 Trichloromethane</p> <p>enumeration 71-43-2 Benzene</p> <p>enumeration 72-20-8 Endrin</p> <p>enumeration 7439-92-1 Lead and its compounds</p> <p>enumeration 7439-97-6 Mercury and its compounds</p> <p>enumeration 7440-02-0 Nickel and its compounds</p> <p>enumeration 7440-43-9 Cadmium and its compounds</p> <p>enumeration 75-09-2 Dichloromethane</p> <p>enumeration 79-01-6 Trichloroethylene</p> <p>enumeration 85535-84-8 C10-13 Chloroalkanes</p> <p>enumeration 87-68-3 Hexachlorobutadiene</p> <p>enumeration 87-86-5 Pentachlorophenol</p> <p>enumeration 91-20-3 Naphthalene</p> <p>enumeration n/a DDT total</p> <p>enumeration n/a Polyaromatic hydrocarbons (PAH)</p>
annotation	<p>documentation</p> <p>Defines the list of Priority Substances</p> <p>CAS Number and Substance</p> <p>104-40-5 Nonylphenol</p> <p>140-66-9 Octylphenol</p> <p>107-06-2 1,2-Dichloroethane</p> <p>115-29-7 Endosulfan</p> <p>117-81-7 Di(2-ethylhexyl)phthalate (DEHP)</p> <p>118-74-1 Hexachlorobenzene</p> <p>12002-48-1 Trichlorobenzenes(all isomers)</p> <p>120-12-7 Anthracene</p> <p>122-34-9 Simazine</p> <p>127-18-4 Tetrachloroethylene</p> <p>1582-09-8 Trifluralin</p> <p>15972-60-8 Alachlor</p> <p>1912-24-9 Atrazine</p>

	191-24-2 Benzo(g,h,i)perylene 193-39-5 Indeno(1,2,3-cd)pyrene 205-99-2 Benzo(b)fluoranthene 206-44-0 Fluoranthene 207-08-9 Benzo(k)fluoranthene 2921-88-2 Chlorpyrifos 309-00-2 Aldrin 32534-81-9 Pentabromodiphenylether 330-54-1 Diuron 34123-59-6 Isoproturon 36643-28-4 Tributyltin compounds 465-73-6 Isodrin 470-90-6 Chlorfenvinphos 50-29-3 para-para-DDT 50-32-8 Benzo(a)pyrene 56-23-5 Carbontetrachloride 60-57-1 Dieldrin 608-73-1 Hexachlorocyclohexane 608-93-5 Pentachlorobenzene 67-66-3 Trichloromethane 71-43-2 Benzene 72-20-8 Endrin 7439-92-1 Lead and its compounds 7439-97-6 Mercury and its compounds 7440-02-0 Nickel and its compounds 7440-43-9 Cadmium and its compounds 75-09-2 Dichloromethane 79-01-6 Trichloroethylene 85535-84-8 C10-13 Chloroalkanes 87-68-3 Hexachlorobutadiene 87-86-5 Pentachlorophenol 91-20-3 Naphthalene n/a DDT total n/a Polyaromatic hydrocarbons (PAH)
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#### simpleType **CoordinateType**

type	restriction of <b>xs:string</b>
annotation	documentation Format Decimal degrees (-)dd.ddddd

#### simpleType **CostDecimalType**

type	union of ( <a href="#">NumberDecimalBaseType</a> , <a href="#">CostExemptionType</a> )
annotation	documentation Decimal with exception -9999 "not included in economic analysis"

#### simpleType **CostExemptionType**

simple type xs:string			
type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	-9999	
annotation	documentation -9999 to mean "not included in economic analysis"		

#### simpleType **CountryCode**

Simple type xs:string			
type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	AT	
	enumeration	BE	

	enumeration	BG	
	enumeration	CH	
	enumeration	CZ	
	enumeration	CY	
	enumeration	DE	
	enumeration	DK	
	enumeration	EE	
	enumeration	EL	
	enumeration	ES	
	enumeration	FI	
	enumeration	FR	
	enumeration	HR	
	enumeration	HU	
	enumeration	IE	
	enumeration	IS	
	enumeration	IT	
	enumeration	LT	
	enumeration	LU	
	enumeration	LV	
	enumeration	MT	
	enumeration	NO	
	enumeration	NL	
	enumeration	PL	
	enumeration	PT	
	enumeration	RO	
	enumeration	SE	
	enumeration	SI	
	enumeration	SK	
	enumeration	TR	
	enumeration	UK	
annotation	documentation	Unique 2 character ISO Code for the EU Member States	

#### simpleType **DataConfidentialityClassificationCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	001	
	enumeration	003	
annotation	documentation	Codes for data security classification: 001 = Unclassified - available for general circulation 003 = Confidential - available for EC reporting only	

#### simpleType **Economic2009to2015Code**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	2009	

	enumeration 2010 enumeration 2011 enumeration 2012 enumeration 2013 enumeration 2014 enumeration 2015 enumeration 2009-2015
annotation	documentation An enumeration list of 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2009-2015

#### simpleType **EconomicWaterServiceType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Water supply for households	
	enumeration	Water supply for industry	
	enumeration	Water supply for agriculture	
	enumeration	Wastewater collection and treatment for households	
	enumeration	Wastewater collection and treatment for industry	
	enumeration	Other	
annotation	documentation An enumeration list of Water supply for households Water supply for industry Water supply for agriculture Wastewater collection and treatment for households Wastewater collection and treatment for industry Other		

#### simpleType **EUFunds**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	S	
	enumeration	C	
	enumeration	RD	
	enumeration	F	
	enumeration	L	
	enumeration	RTD	
	enumeration	Other	
	enumeration	NA	
annotation	documentation An enumeration list to indicate type of EU funds involved (S=Structural, C=Cohesion, RD=Rural Development, F=Fisheries, L=LIFE+, RTD=RTD, Other=Others, NA=Not Applicable)		

#### simpleType **FeatureUniqueCodeType**

type	restriction of <b>xs:string</b>		
annotation	documentation Type for unique code within the Member State for the feature		



### simpleType FeatureUniqueEUCodeType

type	restriction of <b>xs:string</b>
annotation	documentation Type for EU code, allows up to 42 characters (unique code within MS prefixed with country ISO 2 character code)

### simpleType GECode

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	GE1	Groundwater level and yield
	enumeration	GE1-1	Groundwater level
	enumeration	GE1-2	Groundwater yield
	enumeration	GE2	General parameters
	enumeration	GE2-1	Oxygen content
	enumeration	GE2-2	pH Value
	enumeration	GE2-3	Conductivity
	enumeration	GE2-4	Nitrate
	enumeration	GE2-5	Ammonium
	enumeration	GE3	Other pollutants
annotation	documentation Codes for groundwater parameter/elements used in groundwater monitoring programmes  Groundwater level and yield GE1 Groundwater level GE1-1 Groundwater yield GE1-2  General parameters – all sub-elements below are determined (as described by Annex 5) GE2 Oxygen content GE2-1 pH Value GE2-2 Conductivity GE2-3 Nitrate GE2-4 Ammonium GE2-5  Other pollutants (e.g. other pollutants not covered above) are determined GE3		

### simpleType GWBackgroundSubstancesCode

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Arsenic	
	enumeration	Cadmium	
	enumeration	Lead	
	enumeration	Mercury	
	enumeration	Ammonium	
	enumeration	Chloride	
	enumeration	Sulphate	
	enumeration	Conductivity	
	enumeration	Nitrate	
annotation	documentation An enumeration list of Arsenic, Cadmium, Lead, Mercury, Ammonium, Nitrate, Chloride, Sulphate, Conductivity.		

#### simpleType **GWChemicalFailureCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	saline intrusions	
	enumeration	exceedance	
	enumeration	environmental	
	enumeration	terrestrial	
	enumeration	water quality	
	enumeration	human impairment	
	enumeration	pollutant risk	
annotation	documentation An enumeration list of saline intrusions, exceedance, environmental, terrestrial, water quality, human impairment and pollutant risk		

#### simpleType **GWConcentrationUnitsCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	mg/l	
	enumeration	µg/l	
	enumeration	ng/l	
	enumeration	S m-1	
	enumeration	µS/cm	
	enumeration	Other	
annotation	documentation An enumeration list of mg/l, µg/l, ng/l, S m-1, µS/cm and Other		

#### simpleType **GWDepthRangeCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	0-20	
	enumeration	20-50	
	enumeration	50-200	
	enumeration	200+	
annotation	documentation Assignment to a depth range at the point where the main part of the Groundwater Body is situated (depth ranges: 0-20m, 20-50m, 50-200m, >200m)		

#### simpleType **GWGeologicalFormationCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Porous high	
	enumeration	Porous moderate	
	enumeration	Fissured high	
	enumeration	Fissured moderate	
	enumeration	Insignificant	
annotation	documentation An enumeration list Porous - highly productive , Porous - moderately productive,		

	Fissured aquifers including karst - highly productive, Fissured aquifers including karst - moderately productive, Insignificant aquifers - local and limited groundwater
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#### simpleType GWImpactTypes

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Anthropogenic Diminution	
	enumeration	Chemical Diminution	
	enumeration	Anthropogenic Damage	
	enumeration	Chemical Damage	
	enumeration	Altered Habitat	
	enumeration	Population substitution	
	enumeration	Other Groundwater Impact	
annotation	documentation Defines the types of Groundwater Impacts  Anthropogenic alterations of the level of groundwater leading to significant diminution of the ecological and qualitative status of associated surface water bodies; Chemical composition of groundwater leading to significant diminution of the ecological and qualitative status of associated surface water bodies; Anthropogenic alterations of the level of groundwater leading to significant damage to terrestrial ecosystems which depend directly on the GWB; Chemical composition of groundwater leading to significant damage to terrestrial ecosystems which depend directly on the GWB; Altered habitat in dependent surface water or terrestrial ecosystems; Substitution of populations; Other impacts.		

#### simpleType GWMeasureLevelCode

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Member State	
	enumeration	International RBD	
	enumeration	National	
	enumeration	RBD	
	enumeration	Part of RBD	
	enumeration	Groundwater body	
annotation	documentation An enumeration list of Member State, International RBD, national RBD, part of RBD, Groundwater body		

#### simpleType GWPollutantAnnexI-IIType

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Nitrates	
	enumeration	Arsenic	
	enumeration	Cadmium	
	enumeration	Lead	
	enumeration	Mercury	
	enumeration	Ammonium	
	enumeration	Chloride	

	enumeration	Sulphate	
	enumeration	Trichloroethylene	
	enumeration	Tetrachloroethylene	
	enumeration	Conductivity	
	enumeration	TotalPesticides	
annotation	documentation	Defines the types of Annex I - II pollutants (of Groundwater Directive 2006/118/EEC) or indicators for Groundwater classification	

#### simpleType **GWPollutantsCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1 Nitrates	
	enumeration	2 Pesticides	
	enumeration	2.1 Alachlor	
	enumeration	2.2 Atrazine	
	enumeration	2.3 Endosulfan	
	enumeration	2.4 Isoproturon	
	enumeration	2.5 Hexachlorocyclohexane	
	enumeration	2.6 Pentachlorobenzene	
	enumeration	2.7 Simazine	
	enumeration	2.8 Trifluralin	
	enumeration	3 Annex II pollutant	
	enumeration	3.1 Arsenic	
	enumeration	3.2 Cadmium	
	enumeration	3.3 Lead	
	enumeration	3.4 Mercury	
	enumeration	3.5 Ammonium	
	enumeration	3.6 Chloride	
	enumeration	3.7 Sulphate	
	enumeration	3.8 Trichloroethylene	
	enumeration	3.9 Tetrachloroethylene	
	enumeration	3.10 Conductivity	
annotation	documentation	An enumeration list of 1. Nitrates; 2. Pesticides - Alachlor, Atrazine, Endosulphan, Isoproturon, Hexachlorocyclohexane, Pentachlorobenzene, Simazine, Trifluralin; 3. Annex II pollutants - Arsenic, Cadmium, Lead, Mercury, Ammonium, Chloride, Sulphate, Trichloroethylene, Tetrachloroethylene, Conductivity.	

#### simpleType **GWPressureAbstractionType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	3 Abstraction	
	enumeration	3.1 Abstraction - Agriculture	
	enumeration	3.2 Abstraction - Public Water Supply	
	enumeration	3.3 Abstraction - Industry (aggregated)	
	enumeration	3.3.1 Abstraction - IPPC industries	
	enumeration	3.3.2 Abstraction - Non-IPPC industries	
	enumeration	3.4 Abstraction - Quarries	

	enumeration 3.5 Abstraction - Other
annotation	documentation Defines the list of GW Abstraction pressures

#### simpleType **GWPressureAggregatedType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1 Point Sources	
	enumeration	2 Diffuse Sources	
	enumeration	3 Abstraction	
	enumeration	4 Artificial Recharge	
	enumeration	5 Saltwater Intrusion	
	enumeration	6 Other Pressures	
annotation	documentation Defines the list of groundwater aggregated pressures		

#### simpleType **GWPressureRechargeType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	4 Artificial Recharge	
	enumeration	4.1 Recharge - Discharges	
	enumeration	4.2 Recharge - Returns	
	enumeration	4.3 Recharge - Mine water rebound	
	enumeration	4.4 Recharge - Other	
annotation	documentation Defines the list of GW Recharge pressures		

#### simpleType **GWPressureType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1 Point Sources	
	enumeration	2 Diffuse Sources	
	enumeration	3 Abstraction	
	enumeration	4 Artificial Recharge	
	enumeration	5 Saltwater Intrusion	
	enumeration	6 Other Pressures	
	enumeration	1.1 Point - Contaminated Sites	
	enumeration	1.2 Point - Waste Disposal Sites	
	enumeration	1.3 Point - Oil Industry	
	enumeration	1.4 Point - Mine Waters	
	enumeration	1.5 Point - Discharges To Ground	
	enumeration	1.6 Point - Other	
	enumeration	2.1 Diffuse - Agriculture	
	enumeration	2.2 Diffuse - Non-sewered Population	
	enumeration	2.3 Diffuse - Urban Land Use	
	enumeration	2.4 Diffuse - Other	
	enumeration	3.1 Abstraction - Agriculture	

	<p>enumeration 3.2 Abstraction - Public Water Supply</p> <p>enumeration 3.3 Abstraction - Industry (aggregated)</p> <p>enumeration 3.3.1 Abstraction - IPPC industries</p> <p>enumeration 3.3.2 Abstraction - Non-IPPC industries</p> <p>enumeration 3.4 Abstraction - Quarries</p> <p>enumeration 3.5 Abstraction - Other</p> <p>enumeration 4.1 Recharge - Discharges</p> <p>enumeration 4.2 Recharge - Returns</p> <p>enumeration 4.3 Recharge - Mine water rebound</p> <p>enumeration 4.4 Recharge - Other</p> <p>enumeration 5.1 Saltwater intrusion</p> <p>enumeration 5.2 Other intrusion</p>
annotation	<p>documentation</p> <p>Defines the list of groundwater pressures requiring supplementary or additional measures</p> <p>POINT SOURCES</p> <ul style="list-style-type: none"> <li>- Leakages from contaminated sites;</li> <li>- Leakages from waste disposal sites (landfill and agricultural waste disposal);</li> <li>- Leakages associated with oil industry infrastructure;</li> <li>- Mine water discharges;</li> <li>- Discharges to ground such as disposal of contaminated water to soakaways;</li> <li>- Other relevant point sources.</li> </ul> <p>DIFFUSE SOURCES</p> <ul style="list-style-type: none"> <li>- Due to agricultural activities (e.g. fertilizer and pesticide use, live stock etc.);</li> <li>- Due to non-sewered population;</li> <li>- Urban land use;</li> <li>- Other relevant diffuse sources.</li> </ul> <p>ABSTRACTION OF WATER</p> <ul style="list-style-type: none"> <li>- Abstractions for agriculture;</li> <li>- Abstractions for public water supply;</li> </ul> <p>Abstractions by industry including:</p> <ul style="list-style-type: none"> <li>- IPPC industries;</li> <li>- Non-IPPC industries;</li> <li>- Abstractions by quarries/open cast coal sites;</li> <li>- Other major abstractions.</li> </ul> <p>ARTIFICIAL RECHARGES</p> <ul style="list-style-type: none"> <li>- Discharges to groundwater for artificial recharge purposes;</li> <li>- Returns of groundwater to GWB from which it was abstracted (e.g. for sand and gravel washing);</li> <li>- Mine water rebound;</li> <li>- Other major recharges</li> </ul> <p>OTHER</p> <ul style="list-style-type: none"> <li>- Saltwater intrusion;</li> <li>- Other intrusion.</li> </ul>

#### simpleType GWQuantitativeFailureCode

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	exceedance	
	enumeration	environmental	
	enumeration	diminution	
	enumeration	damage	
	enumeration	intrusion	
annotation	<p>documentation</p> <p>An enumeration list of exceedance, environmental, diminution, damage and intrusion.</p>		

#### simpleType GWStatusCode

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	2	
	enumeration	3	
	enumeration	U	
annotation	documentation Codes for groundwater status 2=good, 3=poor, U=unknown		

#### simpleType GWVerticalOrientationCode

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Horizontal continuous	
	enumeration	Horizontal individual	
	enumeration	Declining, mainly continuous	
	enumeration	Declining cumulative	
	enumeration	Declining individual	
	enumeration	Boat	
	enumeration	Smaller boat	
	enumeration	Other	
annotation	documentation An enumeration list. Horizontal, mainly continuous body; Horizontal, mainly smaller, individual formations; Declining, mainly continuous body; Declining, mainly smaller, individual formations; Declining and cumulative, mainly continuous body; Declining and cumulative, mainly smaller, individual formations; Boat form, mainly continuous body; Smaller individual boat formed formations; Other		

#### simpleType GWWellOrSpringCode

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	W	
	enumeration	S	
	enumeration	O	
annotation	documentation Codes for well or spring W = Well S = Spring O = Other		

#### simpleType KeyTypeOfMeasure1

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1.1	
	enumeration	1.2	
	enumeration	1.3	
	enumeration	Other	
annotation	documentation Construction or upgrades of wastewater treatment plants beyond the requirements of the Directive on Urban Waste Water Treatment (e.g. more advanced treatment than required in the UWWT Directive or constructions below the size threshold given in the UWWT Directive; please consider only WFD measures).		

	1.1: Number of population equivalent covered by measures beyond the requirements of the UWWTD 1.2: Number of projects/measures 1.3: Estimated Total Costs (€) of the measures Other: Other
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#### simpleType KeyTypeOfMeasure10

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	10.1	
	enumeration	Other	
annotation	<div>documentation</div> <div>Progress in water pricing policy measures for the implementation of the recovery of cost of water services from industry.</div> <div>10.1: Number of sites affected by water pricing policy measures for the implementation of the recovery of cost of water services from industry in relation to the total foreseen (NB the total number of industrial sites where such water service measures are foreseen in the RBMP will also be required)</div> <div>Other: Other</div>		

#### simpleType KeyTypeOfMeasure11

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	11.1	
	enumeration	Other	
annotation	<div>documentation</div> <div>Progress in water pricing policy measures for the implementation of the recovery of cost of water services from agriculture.</div> <div>11.1: Area (km2) affected by water pricing policy measures for the implementation of the recovery of cost of water services from agriculture in relation to the total foreseen (NB the total area where such water service measures are foreseen in the RBMP will also be required).</div> <div>Other: Other</div>		

#### simpleType KeyTypeOfMeasure12

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	12.1	
	enumeration	12.2	
	enumeration	12.3	
	enumeration	Other	
annotation	documentation		
	Advisory services for agriculture		
	12.1: Number of farms covered by advisory services for agriculture in relation to the total foreseen (NB the total number of farms to be covered by advisory services foreseen in the RBMP will also need to be provided)		
	12.2: Number of advisory services		
	12.3: Area (km2) of agricultural land covered by advisory services in relation to the total foreseen (NB the total area of agricultural land to be covered by advisory services foreseen in the RBMP will also need to be provided)		
	Other: Other		



simpleType **KeyTypeOfMeasure13**

type	restriction of <b>xs:string</b>		
facets	Kind enumeration	Value 13.1  Other	annotation
annotation	documentation Drinking water protection measures (e.g. establishment of safeguard zones, buffer zones etc).  13.1: Number of drinking water protection zones in place in relation to the total number of planned protection zones (NB the total number of zones foreseen in the RBMP will need to be provided) Other: Other		

simpleType **KeyTypeOfMeasure14**

type	restriction of <b>xs:string</b>		
facets	Kind enumeration	Value 14.1  14.2  Other	annotation
annotation	documentation Research, improvement of knowledge base reducing uncertainty.  14.1: Estimated Total Costs (€) of the research studies, development and demonstration projects 14.2: Number of the research studies, development and demonstration projects Other: Other		

simpleType **KeyTypeOfMeasure15**

type	restriction of <b>xs:string</b>		
facets	Kind enumeration	Value 15.1  15.2  15.3  Other	annotation
annotation	documentation Measures for the phasing-out of emissions, discharges and losses of priority hazardous substances or for the reduction of emissions, discharges and losses of priority substances.  15.1: Number of permits issued or updated 15.2: Number of projects/measures 15.3: Estimated Total Costs (€) of the measures Other: Other		

simpleType **KeyTypeOfMeasure16**

type	restriction of <b>xs:string</b>		
facets	Kind enumeration	Value 16.1  16.2  Other	annotation
annotation	documentation Upgrades or improvements of industrial wastewater treatment plants (including farms) beyond the requirements of the Integrated Pollution Prevention and Control (IPPC) Directive (please consider only WFD measures).		

	16.1: Number of projects/measures 16.2: Estimated Total Costs (€) of the measures Other: Other
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#### simpleType **KeyTypeOfMeasure2**

type	restriction of xs:string															
facets	<table><tr><th>Kind</th><th>Value</th><th>annotation</th></tr><tr><td>enumeration</td><td>2.1</td><td></td></tr><tr><td>enumeration</td><td>2.2</td><td></td></tr><tr><td>enumeration</td><td>2.3</td><td></td></tr><tr><td>enumeration</td><td>Other</td><td></td></tr></table>	Kind	Value	annotation	enumeration	2.1		enumeration	2.2		enumeration	2.3		enumeration	Other	
Kind	Value	annotation														
enumeration	2.1															
enumeration	2.2															
enumeration	2.3															
enumeration	Other															
annotation	<p>documentation</p> <p>Reduce nutrient pollution in agriculture beyond the requirements of the Nitrates Directive (please consider only WFD measures).</p> <p>2.1: Area of agricultural land covered by measures (km2) beyond the requirements of the NiD</p> <p>2.2: Estimated Total Costs (€) of the measures</p> <p>2.3: Number of projects/measures</p> <p>Other: Other</p>															

#### simpleType **KeyTypeOfMeasure3**

type	restriction of <b>xs:string</b>												
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>3.1</td><td></td></tr><tr><td>enumeration</td><td>3.2</td><td></td></tr><tr><td>enumeration</td><td>Other</td><td></td></tr></table>	Kind	Value	annotation	enumeration	3.1		enumeration	3.2		enumeration	Other	
Kind	Value	annotation											
enumeration	3.1												
enumeration	3.2												
enumeration	Other												
annotation	<p>documentation</p> <p>Reduce pesticides pollution in agriculture.</p> <p>3.1: Area of agricultural land covered by measures (km2) to reduce pollution in agriculture</p> <p>3.2: Number of projects/measures</p> <p>Other: Other</p>												

#### simpleType **KeyTypeOfMeasure4**

Simple type <b>xs:string</b> measures:			
type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	4.1	
	enumeration	4.2	
	enumeration	4.3	
	enumeration	Other	
annotation	documentation		
	: Remediation of contaminated sites (historical pollution including sediments, groundwater, soil).  4.1: Area of land covered by measures (km2) for the remediation of contaminated sites 4.2: Number of sites subject to measures for the remediation of contaminated sites 4.3: Estimated Total Costs (€) of the measures Other: Other		

#### simpleType KeyTypeOfMeasure5

type	restriction of xs:string		
facets	Kind	Value	annotation
	enumeration	5.1	
	enumeration	5.2	
	enumeration	Other	
annotation	documentation Improving longitudinal continuity (e.g. establishing fish passes, demolishing old dams).  5.1: Number of projects/measures to improve longitudinal continuity 5.2: Estimated Total Costs (€) of the measures Other: Other		

#### simpleType KeyTypeOfMeasure6

type	restriction of xs:string		
facets	Kind	Value	annotation
	enumeration	6.1	
	enumeration	6.2	
	enumeration	6.3	
	enumeration	6.4	
	enumeration	Other	
annotation	documentation Improving hydromorphological conditions of water bodies other than longitudinal continuity (e.g. river restoration, improvement of riparian areas, removal of hard embankments, reconnecting rivers to floodplains, improvement of hydromorphological condition of transitional waters, etc.).  6.1: Length of rivers (km) affected by measures to improve hydromorphological conditions 6.2: Area of RBD (km2) affected by measures to improve hydromorphological conditions 6.3: Number of projects/measures to improve hydromorphological conditions 6.4: Estimated Total Costs (€) of the measures Other: Other		

#### simpleType KeyTypeOfMeasure7

type	restriction of xs:string		
facets	Kind	Value	annotation
	enumeration	7.1	
	enumeration	7.2	
	enumeration	7.3	
	enumeration	Other	
annotation	documentation Improvements in flow regime and/or establishment of minimum ecological flow.  7.1: Number of projects/measures (including permits) to improve flow regime and/or establishment of minimum ecological flow 7.2: Length of rivers (km) affected by measures to improve flow regime and/or establishment of minimum ecological flow 7.3: Estimated Total Costs (€) of the measures Other: Other		

### simpleType KeyTypeOfMeasure8

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	8.1	
	enumeration	8.2	
	enumeration	8.3	
	enumeration	Other	
annotation	documentation Water efficiency measures for irrigation (technical measures).  8.1: Area covered by projects improving water efficiency in irrigation 8.2: Number of projects/measures to improve water efficiency in irrigation 8.3: Estimated Total Costs (€) of the measures Other: Other		

### simpleType KeyTypeOfMeasure9

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	9.1	
	enumeration	9.2	
	enumeration	Other	
annotation	documentation Progress in water pricing policy measures for the implementation of the recovery of cost of water services from households.  9.1: Population affected by water pricing policy measures for the implementation of the recovery of cost of water services from households in relation to the total foreseen (NB the total population covered by measures foreseen in the RBMP will also be required) 9.2: Area (km2) covered by water pricing policy measures for the implementation of the recovery of cost of water services from households in relation to the total foreseen Other: Other		

### simpleType MeasureBasicOtherType

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	OM-CostRecovery	
	enumeration	OM-EfficientWaterUse	
	enumeration	OM-ProtectAbstraction	
	enumeration	OM-ControlAbstraction	
	enumeration	OM-Recharge	
	enumeration	OM-PointSourceDischarges	
	enumeration	OM-PollutantsDiffuse	
	enumeration	OM-HydromorphologicalPressures	
	enumeration	OM-PollutantsToGroundwater	
	enumeration	OM-PrioritySubstances	
	enumeration	OM-AccidentalPollution	
annotation	documentation Defines the Other Basic measures required by Article 11(3)b to Article 11(3)l . These are as follows  OM-CostRecovery - Measures for the recovery of cost of water services (Article 9). Supplementary OM-EfficientWaterUse - Measures to promote efficient and sustainable water use. OM-ProtectAbstraction - Measures for the protection of water abstracted for drinking water (Article 7) including		

	<p>those to reduce the level of purification required for the production of drinking water (note: these basic measures may not apply to the whole territory).</p> <p>OM-ControlAbstraction - Controls over the abstraction of fresh surface water and groundwater and impoundment of fresh surface waters including a register or registers of water abstractions and a requirement for prior authorisation of abstraction and impoundment.</p> <p>OM-Recharge - Controls, including a requirement for prior authorisation of artificial recharge or augmentation of groundwater bodies.</p> <p>OM-PointSourceDischarges - Requirement for prior regulation of point source discharges liable to cause pollution.</p> <p>OM-PollutantsDiffuse - Measures to prevent or control the input of pollutants from diffuse sources liable to cause pollution.</p> <p>OM-HydromorphologicalPressures - Measures to control any other significant adverse impact on the status of water, and in particular hydromorphological impacts.</p> <p>OM-PollutantsToGroundwater - Prohibition of direct discharge of pollutants into groundwater.</p> <p>OM-PrioritySubstances - Measures to eliminate pollution of surface waters by priority substances and to reduce pollution from other substances that would otherwise prevent the achievement of the objectives laid down in Article 4.</p> <p>OM-AccidentalPollution - Any measures required to prevent significant losses of pollutants from technical installations and to prevent and/or reduce the impact of accidental pollution incidents.</p>
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#### simpleType **MeasureCostAggregationType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Entire RBMP	
	enumeration	Annual	
	enumeration	Other	
annotation	documentation An enumeration list of Entire RBMP, Annual, Other		

#### simpleType **MeasureCostClassificationType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	total	
	enumeration	financial	
	enumeration	resources	
	enumeration	administrative	
	enumeration	non-water env	
annotation	documentation An enumeration list of total, financial, resources, administrative, non-water environmental		

#### simpleType **MeasureCoverageType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	RBD	
	enumeration	Sub-unit	
	enumeration	Water Body	
	enumeration	National	
	enumeration	Other	
annotation	documentation An enumeration list of RBD, Sub-unit, Water body, National, Other		

#### simpleType **MeasureRBDorNationalCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	R	
	enumeration	N	
annotation	documentation An enumeration list of R=RBD and N=national		

#### simpleType **MeasuresBasicType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	BM-Bathing	
	enumeration	BM-Birds	
	enumeration	BM-Drinking	
	enumeration	BM-Seveso	
	enumeration	BM-Env Impact	
	enumeration	BM-Sewage sludge	
	enumeration	BM-UWWTD	
	enumeration	BM-Plant protection	
	enumeration	BM-Nitrates	
	enumeration	BM-Habitats	
	enumeration	BM-IPPC	
annotation	documentation Defines the Basic measures required by Article 11(3)(a). These are as follows Bathing - Bathing Water Directive (76/160/EEC and 2006/7/EC) Birds - Birds Directive (79/409/EEC) Drinking- Drinking Water Directive (80/778/EEC) as amended by Directive (98/83/EC) Seveso- Major Accidents (Seveso) Directive (96/82/EC) Env Impact - Environmental Impact Assessment Directive (85/337/EEC) Sewage Sludge - Sewage Sludge Directive (86/278/EEC) UWWTD - Urban Waste-water Treatment Directive (91/271/EEC) Plant protection - Plant Protection Products Directive (91/414/EEC) Nitrates - Nitrates Directive (91/676/EEC) Habitats - Habitats Directive (92/43/EEC) IPPC - Integrated Pollution Prevention Control Directive (96/61/EC)		

#### simpleType **MeasureSWSupplementaryType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	LEGAL	
	enumeration	ADMIN	
	enumeration	ECONOMIC	
	enumeration	NEGOTIATED	
	enumeration	EMISSION	
	enumeration	PRACTICE	
	enumeration	ABSTRACTION	
	enumeration	DEMAND	
	enumeration	EFFICIENCY	
	enumeration	CONSTRUCTION	
	enumeration	DESALINATION	

	enumeration	REHABILITATION
	enumeration	RECHARGE
	enumeration	EDUCATIONAL
	enumeration	RESEARCH
	enumeration	RESTORATION
	enumeration	OTHER
annotation	documentation	An enumeration list of legal, economic, negotiated, emission, practice, abstraction, demand, efficiency, construction, desalination, rehabilitation, recharge, educational, research, other

#### simpleType MethodLoadType

type	restriction of <b>xs:string</b>	
facets	Kind	Value
	enumeration	estimated
	enumeration	calculated
	enumeration	monitored
annotation	documentation	Defines how results are measured for assessing pressures. Values are monitored, calculated or estimated

#### simpleType MonitoringDepthCode

type	restriction of <b>xs:string</b>	
facets	Kind	Value
	enumeration	U
	enumeration	M
	enumeration	L
	enumeration	A
annotation	documentation	Codes for depth at which monitoring occurs U = Upper M = Middle L = Lower A = Mixed

#### simpleType MonitoringInternationalNetworkType

type	restriction of <b>xs:string</b>	
facets	Kind	Value
	enumeration	EIONET
	enumeration	Helsinki Convention(HELCOM)
	enumeration	Barcelona Convention/Mediterranean Action Plan(MEDPOL)
	enumeration	Arctic Monitoring and Assessment Programme
	enumeration	North East Atlantic (OSPAR)
	enumeration	Bucharest Convention/Black Sea Commission
	enumeration	Transboundary Waters Convention
	enumeration	International Commission for the Meuse
	enumeration	International Scheldt Commission
	enumeration	International Commission for the Elbe
	enumeration	International Commission for the Protection of the Danube
	enumeration	International Commission for the Protection of the Odra/Oder
	enumeration	International Commission for the Protection of the Rhine against Pollution (ICPR)
		annotation

	enumeration international commission for the protection of the Moselle against pollution
annotation	documentation International monitoring networks

#### simpleType **MonitoringInvestigativeCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	F	
	enumeration	E	
	enumeration	R	
	enumeration	O	
annotation	documentation Codes for investigative monitoring E = unknown exceedance F = failure of objectives R = incident response O = Other		

#### simpleType **MonitoringProgrammeLevelCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	I	
	enumeration	N	
	enumeration	R	
annotation	documentation Codes for level at which the programme is designed: I = International, N = National, R = RBD		

#### simpleType **MonitoringSubsiteCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	A	
	enumeration	T	
	enumeration	M	
	enumeration	N	
annotation	documentation Codes to define the type of subsite: A= Area, T=Transect, M=Multipoint, N=Not Applicable/None		

#### simpleType **NumberDecimalBaseType**

type	restriction of <b>xs:decimal</b>
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#### simpleType **NumberDecimalType**

type	union of ( <a href="#">NumberDecimalBaseType</a> , <a href="#">NumberExceptionType</a> )
annotation	documentation Decimal with options for exceptions. -9999=Unknown, -8888=Yet to be measured, -7777=Not Applicable.



#### simpleType **NumberExceptionType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	-9999	
	enumeration	-8888	
	enumeration	-7777	
annotation	documentation Numerical codes for data exceptions: -9999=Unknown, -8888=Yet to be measured, -7777=Not Applicable		

#### simpleType **NumberNonNegativeIntegerType**

type	union of ( <b>xs:nonNegativeInteger</b> , <a href="#">NumberExceptionType</a> )		
annotation	documentation Non-negative integer with option for exceptions		

#### simpleType **NumberPercentageBaseType**

type	restriction of <b>xs:decimal</b>		
annotation	documentation Percentage with 3 decimal places		

#### simpleType **NumberPercentageType**

type	union of ( <a href="#">NumberPercentageBaseType</a> , <a href="#">NumberExceptionType</a> )		
annotation	documentation Percentage with option for exceptions		

#### simpleType **ObjectivesExemptionType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Article4(4) - Technical feasibility	
	enumeration	Article4(4) - Disproportionate cost	
	enumeration	Article4(4) - Natural conditions	
	enumeration	Article4(5) - Technical feasibility	
	enumeration	Article4(5) - Disproportionate cost	
	enumeration	Article4(6) - Natural causes	
	enumeration	Article4(6) - Force Majeure	
	enumeration	Article4(6) - Accidents	
	enumeration	Article4(7) - New modification	
	enumeration	Article4(7) - Sustainable human development	
annotation	documentation Defines the Articles against which exemptions are made		

#### simpleType **PressureGWAbstractionPeriodType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	yearly	
	enumeration	winter	
	enumeration	spring	

	enumeration summer enumeration autumn
annotation	documentation An enumeration list of yearly, winter, spring, summer, autumn

#### simpleType **PressureGWAbstractionUnitType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	m3	
	enumeration	1000m3	
	enumeration	1000000m3	
annotation	documentation An enumeration list of m3, 1000m3, 1000000m3		

#### simpleType **PressureLoadUnitType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	kg/yr	
	enumeration	tonnes/yr	
	enumeration	1000tonnes/yr	
annotation	documentation An enumeration list of kg/yr, tonnes/yr, 1000tonnes/yr.		

#### simpleType **ProtAreaAssociationType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	within protected area	
	enumeration	overlapping (partly within)	
	enumeration	dynamically connected	
annotation	documentation Defines the type of protected Area Association. Options are within protected area, overlapping (partly within) and dynamically connected.		

#### simpleType **ProtectedAreaGWType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Birds	
	enumeration	Habitats	
	enumeration	Nitrates	
	enumeration	Article 7 Abstraction for drinking water	
	enumeration	European other	
	enumeration	National	
	enumeration	Local	
annotation	documentation Defines Protected Areas types relevant to the classification of Protected Areas associated with Groundwater Bodies		

### simpleType ProtectedAreaSWType

type	restriction of <b>xs:string</b>	
facets	Kind	Value annotation
	enumeration	Bathing
	enumeration	Birds
	enumeration	Fish
	enumeration	Shellfish
	enumeration	Habitats
	enumeration	Nitrates
	enumeration	Article 7 Abstraction for drinking water
	enumeration	EuropeanOther
	enumeration	National
	enumeration	Local
annotation	documentation Defines Protected Areas types relevant to the classification of Protected Areas associated with Surface Water bodies	

### simpleType ProtectedAreaType

type	restriction of <b>xs:string</b>	
facets	Kind	Value annotation
	enumeration	Bathing
	enumeration	Birds
	enumeration	Fish
	enumeration	Shellfish
	enumeration	Habitats
	enumeration	Nitrates
	enumeration	UWWT
	enumeration	Article 7 Abstraction for drinking water
	enumeration	EuropeanOther
	enumeration	National
	enumeration	Local
annotation	documentation Defines all Protected Area types for use in the Register of Protected Areas (Article 6)	

### simpleType QE3-1ParameterType

type	restriction of <b>xs:string</b>	
facets	Kind	Value annotation
	enumeration	QE3-1-1-SecchiDepth
	enumeration	QE3-1-1-Transparency
	enumeration	QE3-1-2-Water temperature
	enumeration	QE3-1-3-BOD5
	enumeration	QE3-1-3-BOD7
	enumeration	QE3-1-3-COD
	enumeration	QE3-1-3-CODCr
	enumeration	QE3-1-3-CODMn
	enumeration	QE3-1-3-DissolvedOxygenConcentration
	enumeration	QE3-1-3-OxygenSaturationPercentage
	enumeration	QE3-1-3-DissolvedOrganicCarbon

	<p>enumeration QE3-1-4-Salinity</p> <p>enumeration QE3-1-4-Conductivity</p> <p>enumeration QE3-1-4-Chloride</p> <p>enumeration QE3-1-4-Sulfate</p> <p>enumeration QE3-1-5-Alkalinity</p> <p>enumeration QE3-1-5-Hardness</p> <p>enumeration QE3-1-5-pH</p> <p>enumeration QE3-1-6-KjeldahlNitrogen</p> <p>enumeration QE3-1-6-Nitrate</p> <p>enumeration QE3-1-6-Nitrite</p> <p>enumeration QE3-1-6-OrganicNitrogen</p> <p>enumeration QE3-1-6-ParticulateOrganicNitroge</p> <p>enumeration QE3-1-6-Non-ionisedAmmonia</p> <p>enumeration QE3-1-6-Orthophosphate</p> <p>enumeration QE3-1-6-SolubleReactivePhosphorus</p> <p>enumeration QE3-1-6-Silicate</p> <p>enumeration QE3-1-6-TotalInorganicNitrogen</p> <p>enumeration QE3-1-6-TotalNitrogen</p> <p>enumeration QE3-1-6-TotalOxidisedNitrogen</p> <p>enumeration QE3-1-6-TotalAmmonium</p> <p>enumeration QE3-1-6-TotalOrganicCarbon</p> <p>enumeration QE3-1-6-TotalPhosphorus</p> <p>enumeration QE3-1-6-NitrateOrthophosphateRatio</p> <p>enumeration QE3-1-6-TotalNitrogenTotalPhosphorusRatio</p> <p>enumeration QE3-1-6-ChlorophyllA</p> <p>enumeration QE3-1-6-Nmineral</p> <p>enumeration QE3-1 Other</p>
annotation	<p>documentation</p> <p>An enumeration list of general physicochemical QE (QE3-1) and parameters indicative of QEs that MIGHT be used for the ecological status classification of water bodies:</p> <p>QE3-1-1-SecchiDepth</p> <p>QE3-1-1-Transparency</p> <p>QE3-1-2-Water temperature</p> <p>QE3-1-3-BOD5</p> <p>QE3-1-3-BOD7</p> <p>QE3-1-3-COD</p> <p>QE3-1-3-CODCr</p> <p>QE3-1-3-CODMn</p> <p>QE3-1-3-DissolvedOxygenConcentration</p> <p>QE3-1-3-OxygenSaturationPercentage</p> <p>QE3-1-3-DissolvedOrganicCarbon</p> <p>QE3-1-4-Salinity</p> <p>QE3-1-4-Conductivity</p> <p>QE3-1-4-Chloride</p> <p>QE3-1-4-Sulfate</p> <p>QE3-1-5-Alkalinity</p> <p>QE3-1-5-Hardness</p> <p>QE3-1-5-pH</p> <p>QE3-1-6-KjeldahlNitrogen</p> <p>QE3-1-6-Nitrate</p> <p>QE3-1-6-Nitrite</p> <p>QE3-1-6-OrganicNitrogen</p> <p>QE3-1-6-ParticulateOrganicNitrogen</p> <p>QE3-1-6-Non-ionisedAmmonia</p> <p>QE3-1-6-Orthophosphate</p> <p>QE3-1-6-SolubleReactivePhosphorus</p> <p>QE3-1-6-Silicate</p> <p>QE3-1-6-TotalInorganicNitrogen</p>

	QE3-1-6-TotalNitrogen QE3-1-6-TotalOxidisedNitrogen QE3-1-6-TotalAmmonium QE3-1-6-TotalOrganicCarbon QE3-1-6-TotalPhosphorus QE3-1-6-NitrateOrthophosphateRatio QE3-1-6-TotalNitrogenTotalPhosphorusRatio QE3-1-6-ChlorophyllA QE3-1-6-Nmineral
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#### simpleType QEBiologicalCoastalCode

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	QE1-1 Phytoplankton	
	enumeration	QE1-2 Other aquatic flora	
	enumeration	QE1-2-1 Macroalgae	
	enumeration	QE1-2-2 Angiosperms	
	enumeration	QE1-3 Benthic invertebrates	
	enumeration	QE1-5 Other species	
annotation	documentation Defines all the QE Biological Coastal codes that might be used for the classification of status of Coastal Water Bodies		

#### simpleType QEBiologicalLakeCode

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	QE1-1 Phytoplankton	
	enumeration	QE1-2 Other aquatic flora	
	enumeration	QE1-2-3 Macrophytes	
	enumeration	QE1-2-4 Phytobenthos	
	enumeration	QE1-3 Benthic invertebrates	
	enumeration	QE1-4 Fish	
	enumeration	QE1-5 Other species	
annotation	documentation Defines all the QE Biological Lake codes that might be used for the classification of status of Lake Water Bodies		

#### simpleType QEBiologicalRiverCode

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	QE1-1 Phytoplankton	
	enumeration	QE1-2 Other aquatic flora	
	enumeration	QE1-2-3 Macrophytes	
	enumeration	QE1-2-4 Phytobenthos	
	enumeration	QE1-3 Benthic invertebrates	
	enumeration	QE1-4 Fish	
	enumeration	QE1-5 Other species	
annotation	documentation Defines all the QE Biological River codes that might be used for the classification of status of River Water Bodies. Phytoplankton is not a mandatory QE for rivers but Article 8 reports show that it is monitored in many large rivers and hence might be used for the classification of large River Water Bodies.		

### simpleType **QEBiologicalTransitionalCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	QE1-1 Phytoplankton	
	enumeration	QE1-2 Other aquatic flora	
	enumeration	QE1-2-1 Macroalgae	
	enumeration	QE1-2-2 Angiosperms	
	enumeration	QE1-3 Benthic invertebrates	
	enumeration	QE1-4 Fish	
	enumeration	QE1-5 Other species	
annotation	documentation Defines all the QE Biological Transitional codes that might be used for the classification of status of Transitional Water Bodies		

### simpleType **QECode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	QE1 Biological	
	enumeration	QE1-1 Phytoplankton	
	enumeration	QE1-2 Other aquatic flora	
	enumeration	QE1-2-1 Macroalgae	
	enumeration	QE1-2-2 Angiosperms	
	enumeration	QE1-2-3 Macrophytes	
	enumeration	QE1-2-4 Phytobenthos	
	enumeration	QE1-3 Benthic invertebrates	
	enumeration	QE1-4 Fish	
	enumeration	QE1-5 Other species	
	enumeration	QE2 Hydromorphological QEs	
	enumeration	QE2-1 Hydrological regime - rivers	
	enumeration	QE2-1-1 Water flow	
	enumeration	QE2-1-2 Connection to groundwater bodies	
	enumeration	QE2-2 River continuity	
	enumeration	QE2-3 Morphological conditions - rivers	
	enumeration	QE2-3-1 River depth and width variation	
	enumeration	QE2-3-2 Structure and substrate of river bed	
	enumeration	QE2-3-3 Structure of riparian zone	
	enumeration	QE2-4 Hydrological regime - lakes	
	enumeration	QE2-4-1 Water flow	
	enumeration	QE2-4-2 Residence time	
	enumeration	QE2-4-3 Connection to groundwater bodies	
	enumeration	QE2-5 Morphological conditions - lakes	
	enumeration	QE2-5-1 Lake depth variation	
	enumeration	QE2-5-2 Lake bed	
	enumeration	QE2-5-3 Structure of lake shore	
	enumeration	QE2-6 Morphological conditions - transitional and coastal waters	
	enumeration	QE2-6-1 Depth variation	

	<p>enumeration QE2-6-2 Quantity, structure and substrate of bed</p> <p>enumeration QE2-6-3 Structure of the intertidal zone</p> <p>enumeration QE2-7 Tidal regime - transitional waters</p> <p>enumeration QE2-7-1 Freshwater flow</p> <p>enumeration QE2-7-2 Wave exposure</p> <p>enumeration QE2-8 Tidal regime - coastal waters</p> <p>enumeration QE2-8-1 Direction of dominant currents</p> <p>enumeration QE2-8-2 Wave exposure</p> <p>enumeration QE3 Chemical and Physico-chemical</p> <p>enumeration QE3-1 General Parameters</p> <p>enumeration QE3-1-1 Transparency</p> <p>enumeration QE3-1-2 Thermal conditions</p> <p>enumeration QE3-1-3 Oxygenation conditions</p> <p>enumeration QE3-1-4 Salinity</p> <p>enumeration QE3-1-5 Acidification status</p> <p>enumeration QE3-1-6 Nutrient conditions</p> <p>enumeration QE3-2 Priority Substances</p> <p>enumeration QE3-3 Non priority specific pollutants</p> <p>enumeration QE3-4 Other national pollutants</p>
annotation	<p>documentation</p> <p>Complete list of QEs and codes as reported for Article 8 monitoring programmes.</p> <p>QE1 Biological quality elements (e.g. those indicated in WFD Annex V) are determined</p> <p>QE1-1 Composition, abundance and biomass of phytoplankton</p> <p>QE1-2 Composition and abundance of other aquatic flora (e.g. angiosperms, macrophytes, phytobenthos and macroalgae)</p> <p>QE1-2-1 Composition and abundance of macroalgae</p> <p>QE1-2-2 Composition and abundance of angiosperms</p> <p>QE1-2-3 Composition and abundance of macrophytes</p> <p>QE1-2-4 Composition and abundance of phytobenthos</p> <p>QE1-3 Composition, abundance and diversity of benthic invertebrate fauna</p> <p>QE1-4 Composition, abundance and age structure of fish</p> <p>QE1-5 Other non-mandatory species (e.g. zooplankton)</p> <p>QE2 Hydromorphological quality elements (e.g. those indicated in WFD, Annex V) are determined</p> <p>QE2-1 Hydrological regime rivers – hydrological parameters (e.g. those indicated by Annex 5) are determined</p> <p>QE2-1-1 Quantity and dynamics of water flow</p> <p>QE2-1-2 Connection to groundwater bodies</p> <p>QE2-2 River continuity</p> <p>QE2-3 Morphological conditions rivers - morphological parameters (e.g. those indicated by Annex 5) are determined</p> <p>QE2-3-1 River depth and width variation</p> <p>QE2-3-2 Structure and substrate of the river bed</p> <p>QE2-3-3 Structure of the riparian zone</p> <p>QE2-4 Hydrological regime lakes – hydrological parameters (e.g. those indicated by Annex 5) are determined</p> <p>QE2-4-1 Quantity and dynamics of water flow</p> <p>QE2-4-2 Residence time</p> <p>QE2-4-3 Connection to groundwater bodies</p> <p>QE2-5 Morphological conditions lakes morphological parameters (e.g. those indicated by Annex 5) are determined</p> <p>QE2-5-1 Lake depth variation</p> <p>QE2-5-2 Quantity, structure and substrate of the lake bed</p> <p>QE2-5-3 Structure of the lake shore</p> <p>QE2-6 Morphological conditions transitional and coastal waters – morphological parameters (e.g. those indicated by Annex 5) are determined</p> <p>QE2-6-1 Depth variation</p> <p>QE2-6-2 Quantity, structure and substrate of the bed</p> <p>QE2-6-3 Structure of the intertidal zone</p> <p>QE2-7 Tidal regime transitional waters – tidal parameters (e.g. those indicated by Annex 5) are determined</p> <p>QE2-7-1 Freshwater flow</p> <p>QE2-7-2 Wave exposure</p> <p>QE2-8 Tidal regime coastal waters – tidal parameters (e.g. those indicated by Annex 5) are determined</p>

	<p>QE2-8-1 Direction of dominant currents QE2-8-2 Wave exposure</p> <p>QE3 Chemical and physico-chemical quality elements (e.g. those indicated in WFD, Annex V) are determined QE3-1 General parameters – parameters (e.g. those indicated by Annex 5) are determined QE3-1-1 Transparency QE3-1-2 Thermal Conditions QE3-1-3 Oxygenation conditions QE3-1-4 Salinity QE3-1-5 Acidification status QE3-1-6 Nutrient conditions QE3-2 Priority Substances (as indicated in Annex 10) are determined QE3-3 Non-priority specific pollutants (as indicated in Annex 8/9) are determined QE3-4 Other pollutants (e.g. other pollutants not covered by Annex 8,9 and 10) are determined</p>
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#### simpleType QEEcologicalCode

type	restriction of xs:string		
facets	Kind	Value	annotation
	enumeration	QE0 Ecological	
	enumeration	QE1 Biological	
	enumeration	QE2 Hydromorphological QEs	
	enumeration	QE3 Chemical and Physico-chemical	
	enumeration	QE1-1 Phytoplankton	
	enumeration	QE1-2 Other aquatic flora	
	enumeration	QE1-3 Benthic invertebrates	
	enumeration	QE1-4 Fish	
	enumeration	QE1-5 Other species	
	enumeration	QE2-1 Hydrological regime - rivers	
	enumeration	QE2-2 River continuity	
	enumeration	QE2-3 Morphological conditions - rivers	
	enumeration	QE2-4 Hydrological regime - lakes	
	enumeration	QE2-5 Morphological conditions - lakes	
	enumeration	QE2-6 Morphological conditions - transitional and coastal waters	
	enumeration	QE2-7 Tidal regime - transitional waters	
	enumeration	QE2-8 Tidal regime - coastal waters	
	enumeration	QE3-3 Non priority specific pollutants	
	enumeration	QE3-4 Other national pollutants	
annotation	documentation	Defines all the QE Ecological codes for which exemptions to the achievement of good status might have been applied.	

#### simpleType QEHydromorphCoastalCode

type	restriction of xs:string		
facets	Kind	Value	annotation
	enumeration	QE2 Hydromorphological QEs	
	enumeration	QE2-6 Morphological conditions - transitional and coastal waters	
	enumeration	QE2-6-1 Depth variation	
	enumeration	QE2-6-2 Quantity, structure and substrate of bed	
	enumeration	QE2-8 Tidal regime - coastal waters	
	enumeration	QE2-8-1 Direction of dominant currents	



	enumeration	QE2-8-2 Wave exposure
annotation	documentation	Defines all the Hydromorphological QE codes that might be used for the classification of status of Coastal Water Bodies

#### simpleType **QEHydromorphLakeCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	QE2 Hydromorphological QEs	
	enumeration	QE2-4 Hydrological regime - lakes	
	enumeration	QE2-4-1 Water flow	
	enumeration	QE2-4-2 Residence time	
	enumeration	QE2-4-3 Connection to groundwater bodies	
	enumeration	QE2-5 Morphological conditions - lakes	
	enumeration	QE2-5-1 Lake depth variation	
	enumeration	QE2-5-2 Lake bed	
	enumeration	QE2-5-3 Structure of lake shore	
annotation	documentation	Defines all the Hydromorphological QE codes that might be used for the classification of status of Lake Water Bodies	

#### simpleType **QEHydromorphRiverCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	QE2 Hydromorphological QEs	
	enumeration	QE2-1 Hydrological regime - rivers	
	enumeration	QE2-1-1 Water flow	
	enumeration	QE2-1-2 Connection to groundwater bodies	
	enumeration	QE2-2 River continuity	
	enumeration	QE2-3 Morphological conditions - rivers	
	enumeration	QE2-3-1 River depth and width variation	
	enumeration	QE2-3-2 Structure and substrate of river bed	
	enumeration	QE2-3-3 Structure of riparian zone	
annotation	documentation	Defines all the Hydromorphological QE codes that might be used for the classification of status of River Water Bodies	

#### simpleType **QEHydromorphTransitionalCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	QE2 Hydromorphological QEs	
	enumeration	QE2-6 Morphological conditions - transitional and coastal waters	
	enumeration	QE2-6-1 Depth variation	
	enumeration	QE2-6-2 Quantity, structure and substrate of bed	
	enumeration	QE2-7 Tidal regime - transitional waters	
	enumeration	QE2-7-1 Freshwater flow	
	enumeration	QE2-7-2 Wave exposure	
annotation	documentation	Defines all the Hydromorphological QE codes that might be used for the classification of status of Transitional	

	Water Bodies
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#### simpleType **ReportingLevelCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	I	
	enumeration	N	
	enumeration	R	
	enumeration	S	
annotation	documentation Codes for describing the reporting level: I = international RBD, N= National part of international RBD, R = national RBD, S = regional part or sub-unit of RBD		

#### simpleType **ScaleType**

type	restriction of <b>xs:string</b>
annotation	<p>documentation</p> <p>Format for Scale: 1:nnnnnnnn</p>

#### simpleType **StateOfImplementation**

Simple type <code>xs:string</code> implementation:			
type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	NS	
	enumeration	OG	
	enumeration	COM	
annotation	documentation An enumeration list of State of Implementation of the measures. NS=Not Started; OG=On-Going; COM=Completed		

#### simpleType **StatusConfidenceType**

Simple type StatusConfidenceType			
type	restriction of xs:string		
facets	Kind	Value	annotation
	enumeration	0	
	enumeration	1	
	enumeration	2	
	enumeration	3	
annotation	documentation Defines the confidence in the classification of the QEs used for ecological status. Types 0=no information, 1=low confidence. 2=medium confidence. 3=high confidence		

#### simpleType **StatusOrPotentialType**

simple type <code>xs:string</code> standard type			
type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	S	
	enumeration	P	
annotation	documentation Defines whether classification information is given for S=status (All natural water bodies) or P=potential (Artificial or heavily modified water bodies)		

#### simpleType **String1000Type**

type	restriction of <b>xs:string</b>
annotation	documentation String of up to 1000 characters

#### simpleType **String100Type**

type	restriction of <b>xs:string</b>
annotation	documentation String of up to 100 characters

#### simpleType **String2000Type**

type	restriction of <b>xs:string</b>
annotation	documentation Type to enter string of 1 to 2000 characters

#### simpleType **String250Type**

type	restriction of <b>xs:string</b>
annotation	documentation String of up to 250 characters

#### simpleType **String5000Type**

type	restriction of <b>xs:string</b>
annotation	documentation Type to enter string of 1 to 5000 characters

#### simpleType **String500Type**

type	restriction of <b>xs:string</b>
annotation	documentation String of up to 500 characters

#### simpleType **String50Type**

type	restriction of <b>xs:string</b>
annotation	documentation String of up to 50 characters

#### simpleType **SWCategoryAllCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	SW	
	enumeration	CW	
	enumeration	LW	
	enumeration	RW	
	enumeration	TW	

annotation	documentation An enumeration list of SurfaceWater Categories including All: SW=All Surface Waters; CW =Coastal Waters; LW =Lakes; RW =Rivers; TW =Transitional Waters
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#### simpleType SWCategoryCode

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	CW	
	enumeration	LW	
	enumeration	RW	
	enumeration	TW	
annotation	documentation SurfaceWater Categories:  CW =Coastal Water; LW =Lake; RW =River; TW =Transitional water		

#### simpleType SWImpactType

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Nutrient enrichment	
	enumeration	Organic enrichment	
	enumeration	Contamination by priority substances	
	enumeration	Contaminated sediments	
	enumeration	Acidification	
	enumeration	Saline intrusion	
	enumeration	Elevated temperatures	
	enumeration	Altered habitats	
	enumeration	Other Significant Impacts	
annotation	documentation Defines the types of surface water Impacts. These are as follows  - Nutrient enrichment (at risk of becoming eutrophic) (unless information already provided under UWWTD); - Organic enrichment; - Contamination by priority substances or other specific pollutants; - Contaminated sediments; - Acidification; - Saline intrusion; - Elevated temperatures; - Altered habitats as a result of hydromorphological alterations		

#### simpleType SWNaturalCode

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Natural	
	enumeration	Artificial	
	enumeration	Heavily Modified	
	enumeration	Unknown	
annotation	documentation Codes for natural state of the water body. Codes are Natural, Artificial, Heavily Modified and Unknown		

#### simpleType **SWPressureAbstractionType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	3 Water Abstraction	
	enumeration	3.1 Abstraction - Agriculture	
	enumeration	3.2 Abstraction - Public Water Supply	
	enumeration	3.3 Abstraction - Manufacturing	
	enumeration	3.4 Abstraction - Electricity cooling	
	enumeration	3.5 Abstraction - Fish farms	
	enumeration	3.6 Abstraction - Hydro-energy not cooling	
	enumeration	3.7 Abstraction - Quarries	
	enumeration	3.8 Abstraction - Navigation	
	enumeration	3.9 Abstraction - Water transfer	
	enumeration	3.10 Abstraction - Other	
annotation	documentation Defines the list of SW Abstraction pressures		

#### simpleType **SWPressureAggregatedType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1 Point Source	
	enumeration	2 Diffuse Source	
	enumeration	3 Water Abstraction	
	enumeration	4 Water flow regulations and morphological alterations of surface water	
	enumeration	5 River management	
	enumeration	6 Transitional and coastal water management	
	enumeration	7 Other morphological alterations	
	enumeration	8 Other Pressures	
annotation	documentation Defines the list of SW Aggregated pressures		

#### simpleType **SWPressureType**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1 Point Source	
	enumeration	2 Diffuse Source	
	enumeration	3 Water Abstraction	
	enumeration	4 Water flow regulations and morphological alterations of surface water	
	enumeration	5 River management	
	enumeration	6. Transitional and coastal water management	
	enumeration	7 Other morphological alterations	
	enumeration	8 Other Pressures	
	enumeration	1.1 Point - UWWT_General	
	enumeration	1.1.1 Point - UWWT_2000	
	enumeration	1.1.2 Point - UWWT_10000	

enumeration	1.1.3 Point - UWWT_15000
enumeration	1.1.4 Point - UWWT_150000
enumeration	1.1.5 Point - UWWT_150000PLUS
enumeration	1.2 Point - Storm Overflows
enumeration	1.3 Point - IPPC plants (EPRT)
enumeration	1.4 Point - Non IPPC
enumeration	1.5 Point - Other
enumeration	2.1 Diffuse - Urban run off
enumeration	2.2 Diffuse - Agricultural
enumeration	2.3 Diffuse - Transport and infrastructure
enumeration	2.4 Diffuse - Abandoned industrial sites
enumeration	2.5 Diffuse - Releases from facilities not connected to sewerage network
enumeration	2.6 Diffuse - Other
enumeration	3.1 Abstraction - Agriculture
enumeration	3.2 Abstraction - Public Water Supply
enumeration	3.3 Abstraction - Manufacturing
enumeration	3.4 Abstraction - Electricity cooling
enumeration	3.5 Abstraction - Fish farms
enumeration	3.6 Abstraction - Hydro-energy not cooling
enumeration	3.7 Abstraction - Quarries
enumeration	3.8 Abstraction - Navigation
enumeration	3.9 Abstraction - Water transfer
enumeration	3.10 Abstraction - Other
enumeration	4.1 FlowMorph - Groundwater recharge
enumeration	4.2 FlowMorph - Hydroelectric dam
enumeration	4.3 FlowMorph - Water supply reservoir
enumeration	4.4 FlowMorph - Flood defence dams
enumeration	4.5 FlowMorph - Water Flow Regulation
enumeration	4.6 FlowMorph - Diversions
enumeration	4.7 FlowMorph - Locks
enumeration	4.8 FlowMorph - Weirs
enumeration	5.1 RiverManagement - Physical alteration of channel
enumeration	5.2 RiverManagement - Engineering activities
enumeration	5.3 RiverManagement - Agricultural enhancement
enumeration	5.4 RiverManagement - Fisheries enhancement
enumeration	5.5 RiverManagement - Land infrastructure
enumeration	5.6 RiverManagement - dredging
enumeration	6.1 TRACManagement - Estuarine/coastal dredging
enumeration	6.2 TRACManagement - Marine constructions
enumeration	6.3 TRACManagement - Land reclamation
enumeration	6.4 TRACManagement - Coastal sand suppletion (safety)
enumeration	6.5 TRACManagement - Tidal barrages
enumeration	7.1 OtherMorph - Barriers
enumeration	7.2 OtherMorph - Land sealing
enumeration	8.1 OtherPressures - Litter/fly tipping
enumeration	8.2 OtherPressures - Sludge disposal to sea
enumeration	8.3 OtherPressures - Exploitation/removal of animals/plants

	<p>enumeration 8.4 OtherPressures - Recreation</p> <p>enumeration 8.5 OtherPressures - Fishing</p> <p>enumeration 8.6 OtherPressures - Introduced species</p> <p>enumeration 8.7 OtherPressures - Introduced disease</p> <p>enumeration 8.8 OtherPressures - Climate change</p> <p>enumeration 8.9 OtherPressures - Land drainage</p> <p>enumeration 8.10 OtherPressures- Other</p>
annotation	<p>documentation</p> <p>Defines the list of SW pressures requiring supplementary or additional measures. The types are:</p> <ol style="list-style-type: none"> <li>1. Point Source.</li> <li>2. Diffuse Source.</li> <li>3. Water Abstraction.</li> <li>4. Water flow regulations and morphological alterations of surface water.</li> <li>5. River management.</li> <li>6. Transitional and coastal water management</li> <li>7. Other morphological alterations.</li> <li>8. Other Pressures <ol style="list-style-type: none"> <li>1.1 Point - UWWT plants <ol style="list-style-type: none"> <li>1.1.1 Point - UWWT_2000</li> <li>1.1.2 Point - UWWT_10000</li> <li>1.1.3 Point - UWWT_15000</li> <li>1.1.4 Point - UWWT_150000</li> <li>1.1.5 Point - UWWT_150000PLUS</li> </ol> </li> <li>1.2 Point - Storm Overflows</li> <li>1.3 Point - IPPC plants (EPTR)</li> <li>1.4 Point - Non IPPC</li> <li>1.5 Point - Other</li> <li>2.1 Diffuse - Urban run off</li> <li>2.2 Diffuse - Agricultural</li> <li>2.3 Diffuse - Transport and infrastructure</li> <li>2.4 Diffuse - Abandoned industrial sites</li> <li>2.5 Diffuse - Releases from facilities not connected to sewerage network</li> <li>2.6 Diffuse - Other</li> <li>3.1 Abstraction - Agriculture</li> <li>3.2 Abstraction - Public Water Supply</li> <li>3.3 Abstraction - Manufacturing</li> <li>3.4 Abstraction - Electricity cooling</li> <li>3.5 Abstraction - Fish farms</li> <li>3.6 Abstraction - Hydro-energy not cooling</li> <li>3.7 Abstraction - Quarries</li> <li>3.8 Abstraction - Navigation</li> <li>3.9 Abstraction - Water transfer</li> <li>3.10 Abstraction - Other</li> <li>4.1 FlowMorph - Groundwater recharge</li> <li>4.2 FlowMorph - Hydroelectric dam</li> <li>4.3 FlowMorph - Water supply reservoir</li> <li>4.4 FlowMorph - Flood defence dams</li> <li>4.5 FlowMorph - Water Flow Regulation</li> <li>4.6 FlowMorph - Diversions</li> <li>4.7 FlowMorph - Locks</li> <li>4.8 FlowMorph - Weirs</li> <li>5.1 RiverManagement - Physical alteration of channel</li> <li>5.2 RiverManagement - Engineering activities</li> <li>5.3 RiverManagement - Agricultural enhancement</li> <li>5.4 RiverManagement - Fisheries enhancement</li> <li>5.5 RiverManagement - Land infrastructure</li> <li>5.6 RiverManagement - dredging</li> <li>6.1 TRACManagement - Estuarine/coastal dredging</li> <li>6.2 TRACManagement - Marine constructions</li> <li>6.3 TRACManagement - Land reclamation</li> <li>6.4 TRACManagement - Coastal sand suppletion (safety)</li> <li>6.5 TRACManagement - Tidal barrages</li> <li>7.1 OtherMorph - Barriers</li> <li>7.2 OtherMorph - Land sealing</li> <li>8.1 OtherPressures - Litter/fly tipping</li> <li>8.2 OtherPressures - Sludge disposal to sea</li> <li>8.3 OtherPressures - Exploitation/removal of animals/plants</li> <li>8.4 OtherPressures - Recreation</li> </ol> </li> </ol>

	8.5 OtherPressures - Fishing 8.6 OtherPressures - Introduced species 8.7 OtherPressures - Introduced diseases 8.8 OtherPressures - Climate change 8.9 OtherPressures - Land drainage 8.10 OtherPressures- Other
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simpleType **SWStatusChemicalCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	2	
	enumeration	3	
	enumeration	U	
annotation	documentation Codes for chemical status: 2=good (potential = good and above), 3=failure to achieve good, U=unknown no information.		

simpleType **SWStatusEcologicalCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	4	
	enumeration	5	
	enumeration	U	
	enumeration	N	
annotation	documentation Codes for ecological status: 1=high, 2=good, 3=moderate, 4=poor, 5=bad, U=Unclassified. For heavily modified and artificial water bodies there is no high status=1 and good status=2 is interpreted as good or above.		

simpleType **SWStatusGeneralPhysicoChemicalCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	U	
annotation	documentation Codes for chemical status: 1=high (status only), 2=good status (potential = good and above), 3=moderate status, U=unknown no information.		

simpleType **SWStatusHydroMorphCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	U	
annotation	documentation Codes for chemical status 1=high (status only), 2=good (potential = good and above), U=unknown no		



	information.
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#### simpleType **SWStatusNonPrioritySubstanceCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	U	
	enumeration	N	
annotation	documentation Codes for the classification of ecological status according to non-priority specific pollutants: 1= high status, 2=good status, 3=failing to achieve good status, U=unknown no information, N=Not Applicable.		

#### simpleType **SWStatusProtAreaCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	1	
	enumeration	2	
	enumeration	3	
	enumeration	U	
annotation	documentation Codes for reporting the status of Protected Areas associated with Surface Water Bodies (see section 2.2.5 of this guide for further information): For Article 7 drinking water and Nitrates Directive Protected Areas: 2=good, 3=failing to achieve good, U=unknown. For Freshwater Fish and Shellfish Directive Protected Areas: 1=high, 2=good, 3=failing to achieve good, U = unknown.		

#### simpleType **TypologyCoastalIntercalibrationCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	CW B0	
	enumeration	CW B12 a	
	enumeration	CW B12 b	
	enumeration	CW B13	
	enumeration	CW B14	
	enumeration	CW B2	
	enumeration	CW B3 a	
	enumeration	CW B3 b	
	enumeration	CW-BL1	
	enumeration	NEA1/26a	
	enumeration	NEA1/26b	
	enumeration	NEA1/26c	
	enumeration	NEA1/26d	
	enumeration	NEA1/26e	
	enumeration	NEA10	
	enumeration	NEA3/4	
	enumeration	NEA7	

	enumeration	NEA8	
	enumeration	NEA9	
	enumeration	Type I	
	enumeration	Type IIA	
	enumeration	Type IIIE	
	enumeration	Type IIIW	
annotation	documentation	Defines all Intercalibration type codes for coastal waters.	

#### simpleType **TypologyLakeIntercalibrationCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	LA1/2	
	enumeration	L-AL3	
	enumeration	L-AL4	
	enumeration	L-CB1	
	enumeration	L-CB2	
	enumeration	L-CB3	
	enumeration	L-M5/7	
	enumeration	L-M8	
	enumeration	LN1	
	enumeration	LN2a	
	enumeration	LN2b	
	enumeration	LN3a	
	enumeration	LN5	
	enumeration	LN6a	
	enumeration	LN8a	
	enumeration	101	
	enumeration	102	
	enumeration	201	
	enumeration	202	
	enumeration	301	
	enumeration	302	
annotation	documentation	Defines all Intercalibration type codes for lakes.	

#### simpleType **TypologyRiverIntercalibrationCode**

type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	R-A1	
	enumeration	R-A2	
	enumeration	R-C1	
	enumeration	R-C2	
	enumeration	R-C3	
	enumeration	R-C4	
	enumeration	R-C5	
	enumeration	R-C6	

	enumeration R-E1 enumeration R-E2 enumeration R-E4 enumeration R-M1 enumeration R-M2 enumeration R-M4 enumeration R-M5 enumeration R-N1 enumeration R-N3 enumeration R-N4 enumeration R-N5
annotation	documentation Defines all Intercalibration type codes for rivers.

#### simpleType **TypologyTransitionalIntercalibrationCode**

type	restriction of <b>xs:string</b>
facets	Kind Value annotation enumeration NEA11 enumeration TW B13
annotation	documentation Defines all Intercalibration type codes for transitional waters.

#### simpleType **YesCode**

type	restriction of <b>xs:string</b>
facets	Kind Value annotation enumeration Y
annotation	documentation Yes Code: Yes=Y

#### simpleType **YesNoCode**

type	restriction of <b>xs:string</b>
facets	Kind Value annotation enumeration Y enumeration N enumeration
annotation	documentation Yes/No Code: Yes=Y; No=N

#### simpleType **YesNoNotApplicableCode**

type	restriction of <b>xs:string</b>
facets	Kind Value annotation enumeration Y enumeration N enumeration NA
annotation	documentation For Yes, No or Unknown/Not Applicable: Y=Yes; N=No;

	NA=Unknown/Not Applicable
--	---------------------------

simpleType **YesNoUnknownCode**

Simple type: xs:string			
type	restriction of <b>xs:string</b>		
facets	Kind	Value	annotation
	enumeration	Y	
	enumeration	N	
	enumeration	U	
	enumeration	NA	
annotation	documentation		
	For Yes, No or Unknown:  Y=Yes; N=No; U=Unknown		

### 3.3 SCHEMA: PROGRESS ON THE IMPLEMENTATION OF THE PROGRAMMES OF MEASURES

#### **Schema IMP\_POM.xsd**

##### *Legal base*

The WFD obliges Member States to develop river basin management plans and programmes of measures by December 2009 and to make a report of those to the Commission by March 2010. The purpose of the programme of measures is to achieve the environmental objectives of the WFD. Article 11(7) of the WFD establishes that measures have to be made operational by December 2012. Article 15(3) states that Member States shall, within three years of the publication of each river basin management plan, submit an interim report to the Commission describing progress in the implementation of the planned programme of measures.

##### *Purpose*

The 2012 report should provide information on the progress in implementing the WFD programmes of measures (PoM). It should give concrete information to provide the Commission with a clear picture of which measures are being implemented, how, when and by whom. The 2012 report is about what is being done as part of WFD implementation to improve the status of the aquatic environment.

The 2012 reporting should enable a good understanding of the actions that are being taken to achieve the WFD environmental objectives and to improve the status of water bodies. It should also allow a comparison of the efforts across the EU river basin districts and measure them.

Given the limited scope of the 2012 reporting exercise, this should be relatively simple and at the same time it should contain easily extractable information. Simple reporting does not mean it is not important, on the contrary, it will report about the efforts to improve the status of the aquatic environment, which ultimately is what the WFD is all about.

The purpose is to find a right balance between the reporting effort and the usefulness of the reporting.

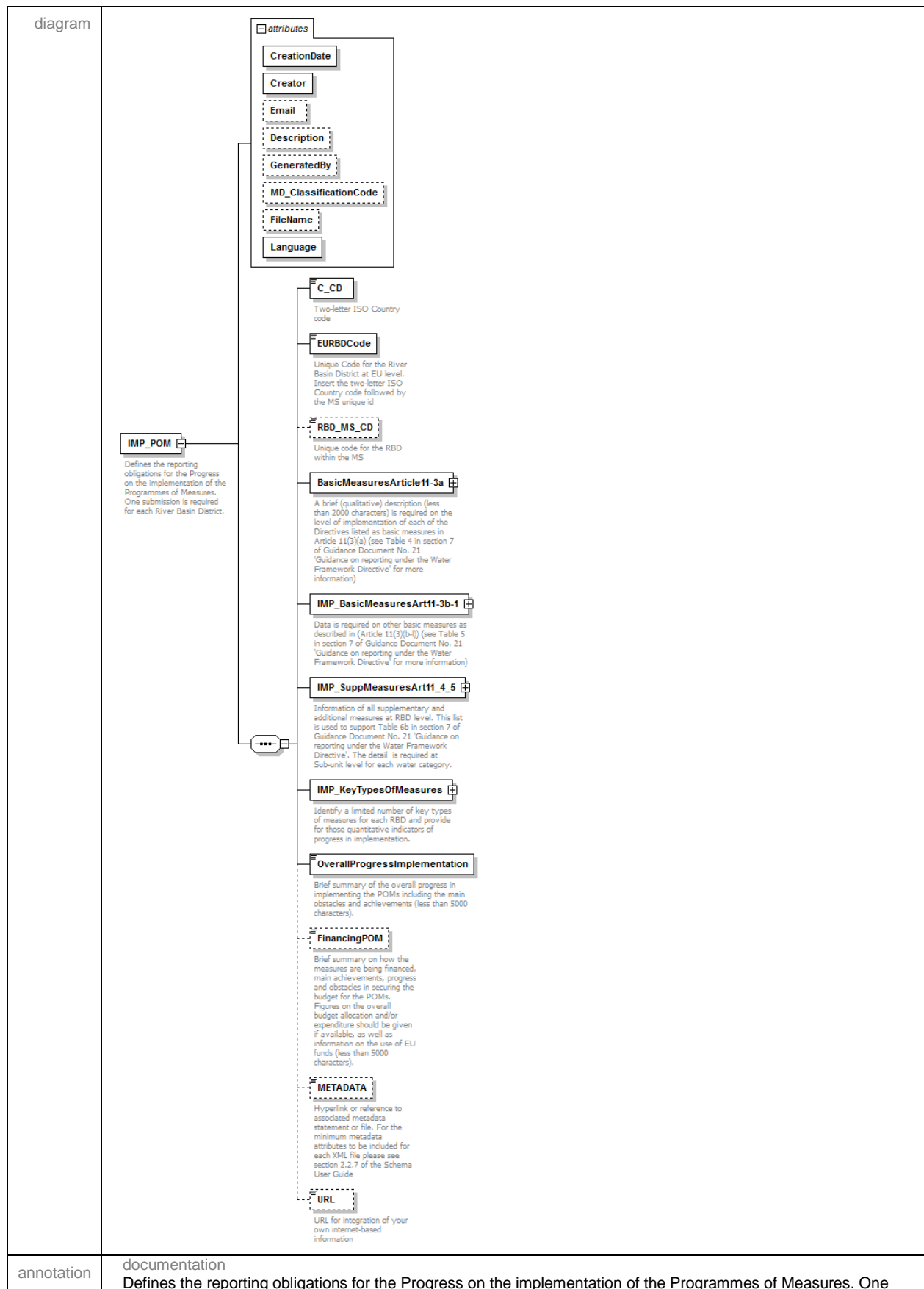
A simple report that provides qualitative information (not started, ongoing, completed) of the progress in implementing all the measures reported in 2010 will not provide the necessary information for the Commission to produce a meaningful report in 2015. The reporting of measures as “ongoing” does not provide any information about the importance of the measure or the progress achieved. For example a type of measure “upgrade of waste water treatment plants” can refer to a few or many plants or large or small size, can be very important for the basin or less important, the progress made could be significant or very little. All these different situations may be hidden behind a qualitative reporting signalling that the measure is “ongoing”. It is not possible to produce a meaningful and useful report in 2015 with such simple information. It will not be possible to provide any useful information in term of policy implementation or comparison of efforts among Member States. It will only be limited to a tick-box exercise that will not be able to provide any meaningful reply to the key question

“how much progress has been done in implementing the WFD measures”. Therefore, if this option is followed, the reporting effort done by Member States, although limited, would not provide any useful output.

On the other hand, collecting quantitative information for all measures reported in 2010 would involve a disproportionate effort.

The objective is therefore twofold:

- to limit the reporting effort by requesting basic qualitative information on the progress of all measures reported in 2010, considering that the total number of measures reported is in many cases high, in the order of hundreds, or even thousands, and
- to gather quantitative information for a number of key types of measures that will provide the bulk of the improvements towards achieving the WFD objectives.



	submission is required for each River Basin District.
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attribute **IMP\_POM/@CreationDate**

type	xs:string
------	-----------

attribute **IMP\_POM/@Creator**

type	xs:string
------	-----------

attribute **IMP\_POM/@Email**

type	xs:string
------	-----------

attribute **IMP\_POM/@Description**

type	xs:string
------	-----------

attribute **IMP\_POM/@GeneratedBy**

type	xs:string
------	-----------

attribute **IMP\_POM/@MD\_ClassificationCode**

type	DataConfidentialityClassificationCode		
facets	Kind	Value	annotation
	enumeration	001	
	enumeration	003	


attribute **IMP\_POM/@FileName**

type	xs:string
------	-----------

attribute **IMP\_POM/@Language**

type	xs:string
------	-----------


element **IMP\_POM/C\_CD**

diagram			
type	CountryCode		
facets	Kind	Value	annotation
	enumeration	AT	
	enumeration	BE	

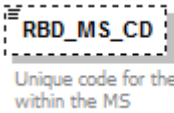


	enumeration BG
	enumeration CH
	enumeration CZ
	enumeration CY
	enumeration DE
	enumeration DK
	enumeration EE
	enumeration EL
	enumeration ES
	enumeration FI
	enumeration FR
	enumeration HR
	enumeration HU
	enumeration IE
	enumeration IS
	enumeration IT
	enumeration LT
	enumeration LU
	enumeration LV
	enumeration MT
	enumeration NO
	enumeration NL
	enumeration PL
	enumeration PT
	enumeration RO
	enumeration SE
	enumeration SI
	enumeration SK
	enumeration TR
	enumeration UK
annotation	documentation Two-letter ISO Country code

element **IMP\_POM/EURBDCode**

diagram	 <p>Unique Code for the River Basin District at EU level. Insert the two-letter ISO Country code followed by the MS unique id</p>
type	<b>FeatureUniqueEUCoDeType</b>
annotation	documentation Unique Code for the River Basin District at EU level. Insert the two-letter ISO Country code followed by the MS unique id

element **IMP\_POM/RBD\_MS\_CD**

diagram	
type	<b>FeatureUniqueCodeType</b>
annotation	documentation Unique code for the RBD within the MS

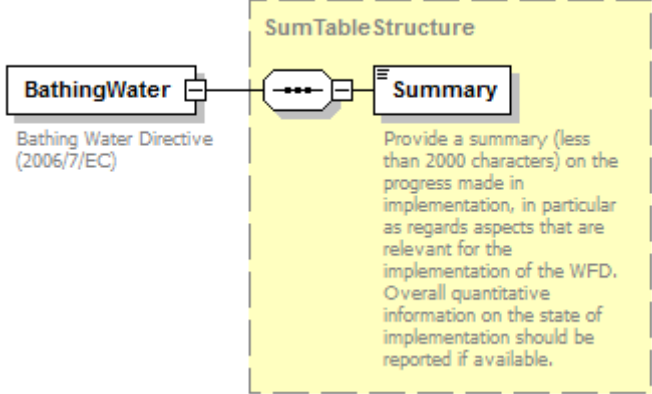
The basic measures of Article 11(3)a listed in table 4 in the WFD CIS Guidance Document 21. These are reported in the RBMP\_POM schema under the element BasicMeasuresArticle11-3a.

These are measures under existing EU legislation. In 2010 Member States were asked to indicate whether the measures were implemented and to give comments or explanations, in particular if they had not been (fully) implemented.

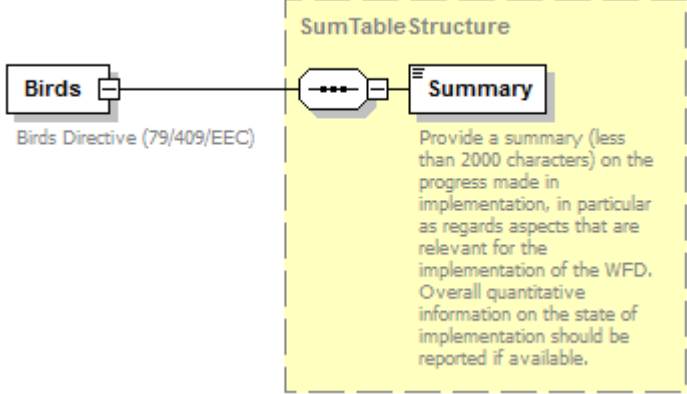
element **IMP\_POM/BasicMeasuresArticle11-3a**

diagram	<p><b>BasicMeasuresArticle11-3a</b></p> <p>A brief (qualitative) description (less than 2000 characters) is required on the level of implementation of each of the Directives listed as basic measures in Article 11(3)(a) (see Table 4 in section 7 of Guidance Document No. 21 'Guidance on reporting under the Water Framework Directive' for more information)</p> <ul style="list-style-type: none"> <li><b>BathingWater</b> Bathing Water Directive (2006/7/EC)</li> <li><b>Birds</b> Birds Directive (79/409/EEC)</li> <li><b>DrinkingWater</b> Drinking Water Directive (98/83/EC)</li> <li><b>Seveso</b> Major Accidents (Seveso) Directive (96/82/EC)</li> <li><b>EnvironmentalImpact</b> Environmental Impact Assessment Directive (85/337/EEC)</li> <li><b>SewageSludge</b> Sewage Sludge Directive (86/278/EEC)</li> <li><b>UrbanWasteWater</b> Urban Waste Water Treatment Directive (91/271/EEC)</li> <li><b>PlantProtectionProducts</b> Plant Protection Products Directive (91/414/EEC)</li> <li><b>Nitrates</b> Nitrates Directive (91/676/EEC)</li> <li><b>Habitats</b> Habitats Directive (92/43/EEC)</li> <li><b>IPPC</b> Integrated Pollution Prevention Control Directive (96/61/EC)</li> </ul>
annotation	<p>documentation</p> <p>A brief (qualitative) description (less than 2000 characters) is required on the level of implementation of each of the Directives listed as basic measures in Article 11(3)(a) (see Table 4 in section 7 of Guidance Document No. 21 'Guidance on reporting under the Water Framework Directive' for more information)</p>

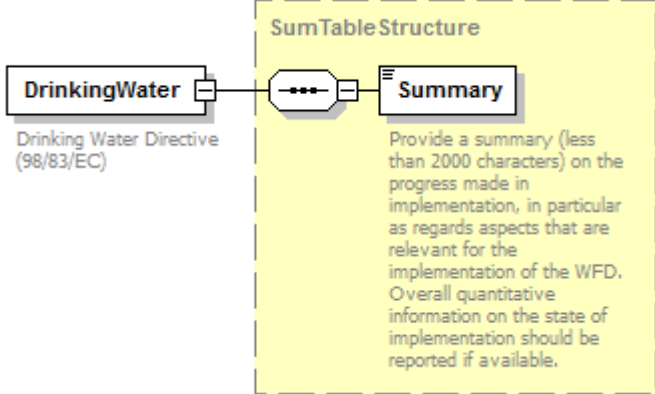
element **IMP\_POM/BasicMeasuresArticle11-3a/BathingWater**

diagram	
type	SumTableStructure
annotation	documentation Bathing Water Directive (2006/7/EC)

element **IMP\_POM/BasicMeasuresArticle11-3a/Birds**

diagram	
type	SumTableStructure
annotation	documentation Birds Directive (79/409/EEC)

element **IMP\_POM/BasicMeasuresArticle11-3a/DrinkingWater**

diagram	
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type	SumTableStructure
annotation	documentation Drinking Water Directive (98/83/EC)

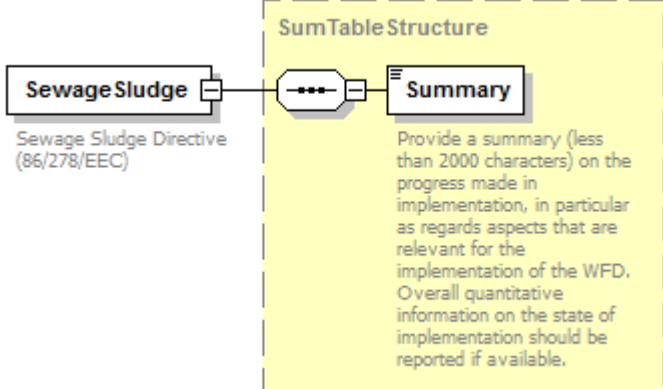
element **IMP\_POM/BasicMeasuresArticle11-3a/Seveso**

diagram	<p>The diagram illustrates the structure of the <b>Seveso</b> element. On the left, a box labeled <b>Seveso</b> is connected by a line to a central connector (a circle with three dots). This connector is then connected to a box labeled <b>Summary</b>. The <b>Summary</b> box is enclosed within a larger, dashed yellow box labeled <b>SumTableStructure</b>. Below the <b>Seveso</b> box, the text reads: "Major Accidents (Seveso) Directive (96/82/EC)". Below the <b>Summary</b> box, the text reads: "Provide a summary (less than 2000 characters) on the progress made in implementation, in particular as regards aspects that are relevant for the implementation of the WFD. Overall quantitative information on the state of implementation should be reported if available."</p>
type	SumTableStructure
annotation	documentation Major Accidents (Seveso) Directive (96/82/EC)

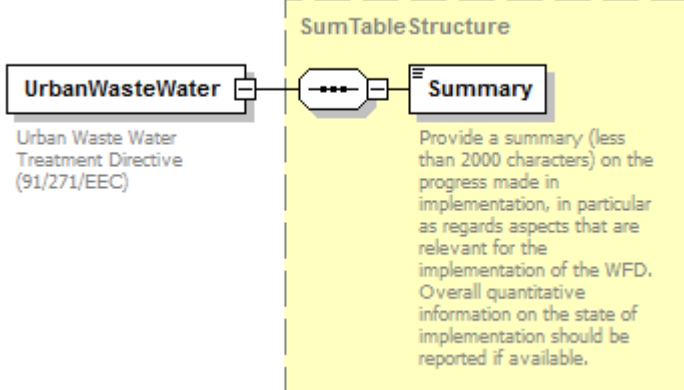
element **IMP\_POM/BasicMeasuresArticle11-3a/EnvironmentalImpact**

diagram	<p>The diagram illustrates the structure of the <b>EnvironmentalImpact</b> element. On the left, a box labeled <b>EnvironmentalImpact</b> is connected by a line to a central connector (a circle with three dots). This connector is then connected to a box labeled <b>Summary</b>. The <b>Summary</b> box is enclosed within a larger, dashed yellow box labeled <b>SumTableStructure</b>. Below the <b>EnvironmentalImpact</b> box, the text reads: "Environmental Impact Assessment Directive (85/337/EEC)". Below the <b>Summary</b> box, the text reads: "Provide a summary (less than 2000 characters) on the progress made in implementation, in particular as regards aspects that are relevant for the implementation of the WFD. Overall quantitative information on the state of implementation should be reported if available."</p>
type	SumTableStructure
annotation	documentation Environmental Impact Assessment Directive (85/337/EEC)

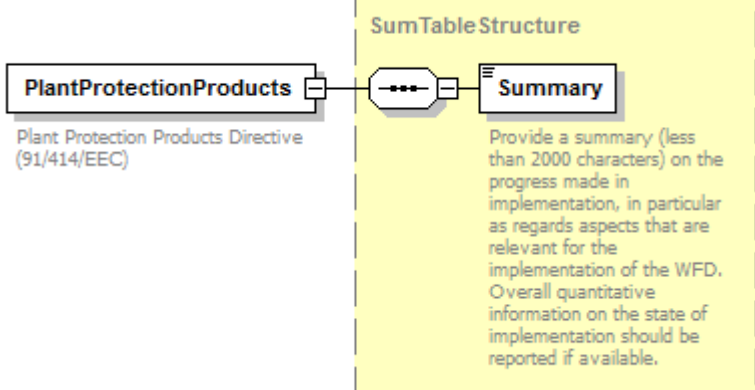
element **IMP\_POM/BasicMeasuresArticle11-3a/SewageSludge**

diagram	
type	SumTableStructure
annotation	documentation Sewage Sludge Directive (86/278/EEC)

element **IMP\_POM/BasicMeasuresArticle11-3a/UrbanWasteWater**

diagram	
type	SumTableStructure
annotation	documentation Urban Waste Water Treatment Directive (91/271/EEC)

element **IMP\_POM/BasicMeasuresArticle11-3a/PlantProtectionProducts**

diagram	
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type	SumTableStructure
annotation	documentation Plant Protection Products Directive (91/414/EEC)

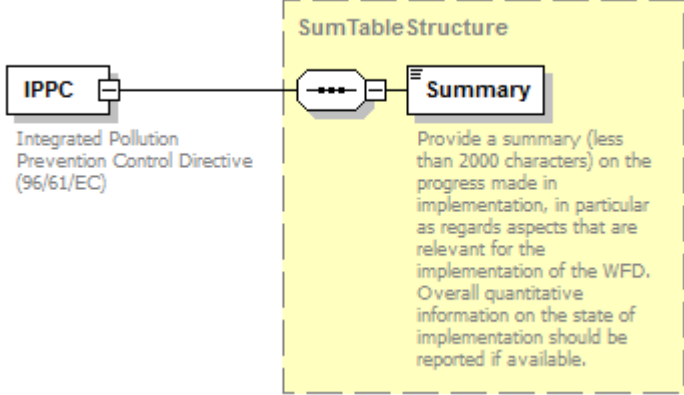
element **IMP\_POM/BasicMeasuresArticle11-3a/Nitrates**

diagram	<p>The diagram illustrates the structure for the Nitrates Directive (91/676/EEC). It shows a box labeled 'Nitrates' with the text 'Nitrates Directive (91/676/EEC)' below it. This box is connected to a 'Summary' box, which is part of a 'SumTable Structure'. The 'Summary' box contains the following text: 'Provide a summary (less than 2000 characters) on the progress made in implementation, in particular as regards aspects that are relevant for the implementation of the WFD. Overall quantitative information on the state of implementation should be reported if available.'</p>
type	SumTableStructure
annotation	documentation Nitrates Directive (91/676/EEC)

element **IMP\_POM/BasicMeasuresArticle11-3a/Habitats**

diagram	<p>The diagram illustrates the structure for the Habitats Directive (92/43/EEC). It shows a box labeled 'Habitats' with the text 'Habitats Directive (92/43/EEC)' below it. This box is connected to a 'Summary' box, which is part of a 'SumTable Structure'. The 'Summary' box contains the following text: 'Provide a summary (less than 2000 characters) on the progress made in implementation, in particular as regards aspects that are relevant for the implementation of the WFD. Overall quantitative information on the state of implementation should be reported if available.'</p>
type	SumTableStructure
annotation	documentation Habitats Directive (92/43/EEC)

element **IMP\_POM/BasicMeasuresArticle11-3a/IPPC**

diagram	
type	SumTableStructure
annotation	documentation Integrated Pollution Prevention Control Directive (96/61/EC)

The basic measures of Article 11(3) b to l listed in table 5 in the WFD CIS Guidance Document 21. These are reported in the RBMP\_POM schema under the element BasicMeasuresArticle11-3b-l.

This is a list of measures that Member States are required to put in place in each RBD. As part of the RBMP reporting in 2010 Member States were required to indicate whether the type of measure was in place in the RBD, provide a reference, briefly describe the measure and provide any additional comments or an explanation if the measure had not been put in place.



**Box 1: Guidance on the interpretation of “not started”, “ongoing” and “completed” for different types of measures:**

Reference date is a best estimate of the situation towards the end of 2012. Therefore any reference below to "has not started", "planning on-going", "construction on-going", "on-going", "has been completed", etc. is to be understood as referring to the estimated situation towards the end of 2012.

- Measures involving construction or building works (e.g. a waste water treatment plant, a fish pass, a river restoration project, etc):
  - Not started means the technical and/or administrative procedures necessary for starting the construction or building works have not started
  - Planning on-going means that administrative procedures necessary for starting the construction or building works have started but are not finalised. The simple inclusion in the RBMPs is not considered planning in this context.
  - Construction on-going means the construction or building works have started but are not finalised
  - Completed means the works have been finalised and the facilities are operational (maybe only in testing period in case e.g. a waste water treatment plant)
- Measures involving advisory services (e.g. training for farmers)
  - Not started means the advisory services are not yet operational and have not provided any advisory session yet
  - On-going means the advisory services are operational and are being used. This is expected to be the situation for all multi-annual long/mid-term advisory services that are expected to be operational during the whole or most of RBMP cycle.
  - Completed means an advisory service that has been implemented and has been finalised, i.e. is no longer operational. This is expected only for advisory services that are relatively short term or one-off, and which duration is time limited in relation to the whole RBMP cycle.
- Measures involving research, investigation or studies
  - Not started means the research, investigation or study has not started, i.e. contract has not been signed or there has not been any progress
  - On-going means the research, investigation or study has been contracted or started and is being developed at the moment
  - Completed means the research, investigation or study has been finalised and has been delivered, i.e. the results or deliverables are available (report, model, etc).
- Measures involving administrative acts (e.g. licenses, permits, regulations, instructions, etc)
  - Not started means the administrative file has not been opened and there has not been any administrative action as regards the measure
  - On-going means an administrative file has been opened and at least a first administrative action has been taken (e.g. requirement to an operator to provide information to renew the licensing, request of a permit by an operator, internal consultation of draft regulations, etc). If the measure involves more than one file, the opening of one would mean already “ongoing”
  - Completed means the administrative act has been concluded (e.g. the license or permit has been issued, the regulation has been adopted, etc). If the measure involves more than one administrative act, “completed” is achieved only when all of them have been concluded.

element **IMP\_POM/IMP\_BasicMeasuresArt11-3b-1**

diagram	<p><b>IMP_BasicMeasuresArt11-3b-1</b></p> <p>Data is required on other basic measures as described in (Article 11(3)(b-l)) (see Table 5 in section 7 of Guidance Document No. 21 'Guidance on reporting under the Water Framework Directive' for more information)</p> <ul style="list-style-type: none"> <li><b>CostRecoveryWaterServices</b> Article 11(3)(b): Measures for the recovery of cost of water services (Article 9).</li> <li><b>EfficientWaterUse</b> Article 11(3)(c): Measures to promote efficient and sustainable water use.</li> <li><b>ProtectionWaterAbstraction</b> Article 11(3)(d): Measures for the protection of water abstracted for drinking water (Article 7) including those to reduce the level of purification required for the production of drinking water (note: these basic measures may not apply to the whole territory).</li> <li><b>ControlsWaterAbstraction</b> Article 11(3)(e): Controls over the abstraction of fresh surface water and groundwater and impoundment of fresh surface waters including a register or registers of water abstractions and a requirement for prior authorisation of abstraction and impoundment.</li> <li><b>RechargeAugmentationGround...</b> Article 11(3)(f): Controls, including a requirement for prior authorisation of artificial recharge or augmentation of groundwater bodies.</li> <li><b>PointSourceDischarges</b> Article 11(3)(g): Requirement for prior regulation of point source discharges liable to cause pollution.</li> <li><b>PollutantsDiffuse</b> Article 11(3)(h): Measures to prevent or control the input of pollutants from diffuse sources liable to cause pollution.</li> <li><b>AdverseImpact</b> Article 11(3)(i): Measures to control any other significant adverse impact on the status of water, and in particular hydromorphological impacts.</li> <li><b>PollutantsDirectGroundwater</b> Article 11(3)(j): Prohibition of direct discharge of pollutants into groundwater.</li> <li><b>SurfacePrioritySubstances</b> Article 11(3)(k): Measures to eliminate pollution of surface waters by Priority Substances and to reduce pollution from other substances that would otherwise prevent the achievement of the objectives laid down in Article 4.</li> <li><b>AccidentalPollution</b> Article 11(3)(l): Any measures required to prevent significant losses of pollutants from technical installations and to prevent and/or reduce the impact of accidental pollution incidents.</li> </ul>
annotation	<p>documentation</p> <p>Data is required on other basic measures as described in (Article 11(3)(b-l)) (see Table 5 in section 7 of</p>

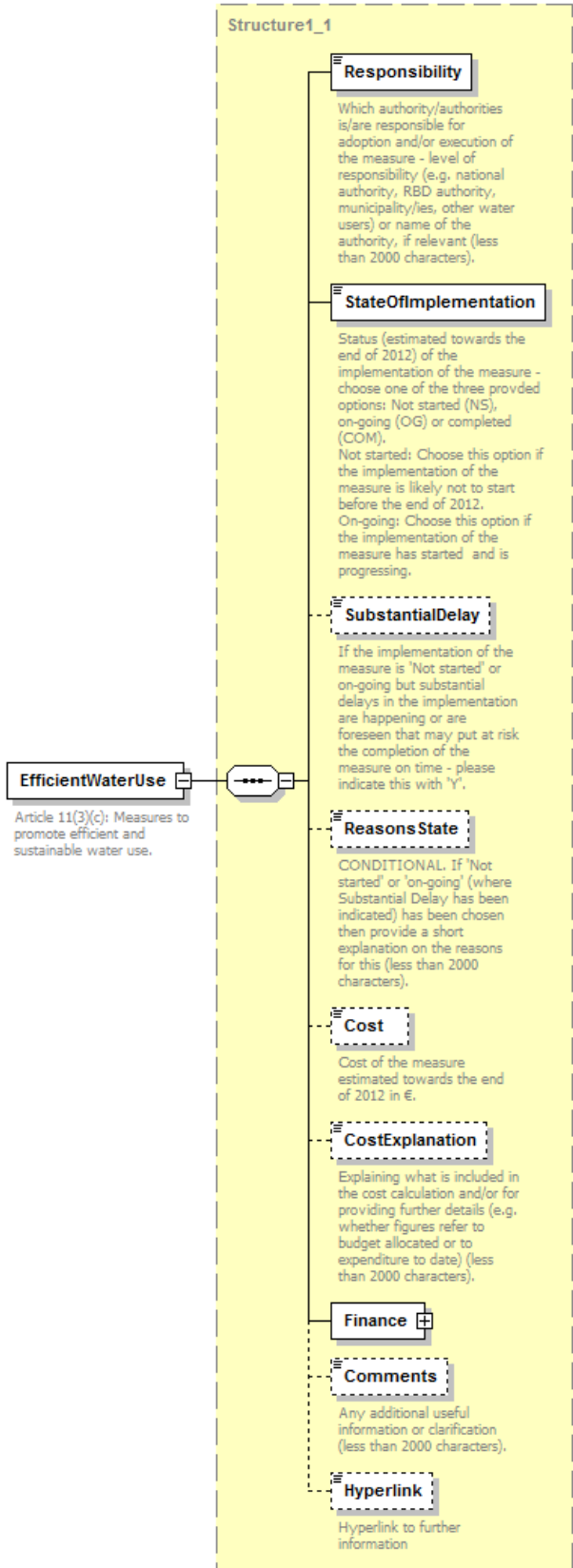
	Guidance Document No. 21 'Guidance on reporting under the Water Framework Directive' for more information)
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element **IMP\_POM/IMP\_BasicMeasuresArt11-3b-1/CostRecoveryWaterServices**

diagram	<p><b>CostRecoveryWaterServices</b> Article 11(3)(b): Measures for the recovery of cost of water services (Article 9).</p> <p><b>Structure1_1</b></p> <ul style="list-style-type: none"> <li><b>Responsibility</b> Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</li> <li><b>StateOfImplementation</b> Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</li> <li><b>SubstantialDelay</b> If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</li> <li><b>ReasonsState</b> CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</li> <li><b>Cost</b> Cost of the measure estimated towards the end of 2012 in €.</li> <li><b>CostExplanation</b> Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</li> <li><b>Finance</b></li> <li><b>Comments</b> Any additional useful information or clarification (less than 2000 characters).</li> <li><b>Hyperlink</b> Hyperlink to further information</li> </ul>
type	Structure1_1

annotation	documentation Article 11(3)(b): Measures for the recovery of cost of water services (Article 9).
------------	---

element **IMP\_POM/IMP\_BasicMeasuresArt11-3b-1/EfficientWaterUse**

<p>diagram</p>	 <p><b>EfficientWaterUse</b> Article 11(3)(c): Measures to promote efficient and sustainable water use.</p> <p><b>Structure1_1</b></p> <ul style="list-style-type: none"> <li><b>Responsibility</b> Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</li> <li><b>StateOfImplementation</b> Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</li> <li><b>SubstantialDelay</b> If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</li> <li><b>ReasonsState</b> CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</li> <li><b>Cost</b> Cost of the measure estimated towards the end of 2012 in €.</li> <li><b>CostExplanation</b> Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</li> <li><b>Finance</b></li> <li><b>Comments</b> Any additional useful information or clarification (less than 2000 characters).</li> <li><b>Hyperlink</b> Hyperlink to further information</li> </ul>
<p>type</p>	<p>Structure1_1</p>

annotation	documentation Article 11(3)(c): Measures to promote efficient and sustainable water use.
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element **IMP\_POM/IMP\_BasicMeasuresArt11-3b-1/ProtectionWaterAbstraction**

<p>diagram</p>	<div data-bbox="336 1055 617 1097"> <b>ProtectionWaterAbstraction</b> </div> <div data-bbox="336 1102 617 1227"> <p>Article 11(3)(d): Measures for the protection of water abstracted for drinking water (Article 7) including those to reduce the level of purification required for the production of drinking water (note: these basic measures may not apply to the whole territory).</p> </div> <div data-bbox="644 257 1021 1895"> <div> <div>Structure1_1</div> <div> <div> <div>Responsibility</div> <div>Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</div> </div> <div> <div>StateOfImplementation</div> <div>Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</div> </div> <div> <div>SubstantialDelay</div> <div>If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</div> </div> <div> <div>ReasonsState</div> <div>CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</div> </div> <div> <div>Cost</div> <div>Cost of the measure estimated towards the end of 2012 in €.</div> </div> <div> <div>CostExplanation</div> <div>Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</div> </div> <div> <div>Finance</div> <div></div> </div> <div> <div>Comments</div> <div>Any additional useful information or clarification (less than 2000 characters).</div> </div> <div> <div>Hyperlink</div> <div>Hyperlink to further information</div> </div> </div> </div> </div>
<p>type</p>	<p>Structure1_1</p>



annotation	documentation Article 11(3)(d): Measures for the protection of water abstracted for drinking water (Article 7) including those to reduce the level of purification required for the production of drinking water (note: these basic measures may not apply to the whole territory).
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element **IMP\_POM/IMP\_BasicMeasuresArt11-3b-1/ControlsWaterAbstraction**

<p>diagram</p>	<div data-bbox="336 1055 600 1240"> <p><b>ControlsWaterAbstraction</b></p> <p>Article 11(3)(e): Controls over the abstraction of fresh surface water and groundwater and impoundment of fresh surface waters including a register or registers of water abstractions and a requirement for prior authorisation of abstraction and impoundment.</p> </div> <div data-bbox="628 264 1007 1899"> <p>Structure1_1</p> <div data-bbox="746 309 903 344"> <p><b>Responsibility</b></p> <p>Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</p> </div> <div data-bbox="746 555 979 591"> <p><b>StateOfImplementation</b></p> <p>Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</p> </div> <div data-bbox="746 882 922 918"> <p><b>SubstantialDelay</b></p> <p>If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</p> </div> <div data-bbox="746 1106 903 1142"> <p><b>ReasonsState</b></p> <p>CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</p> </div> <div data-bbox="746 1308 836 1344"> <p><b>Cost</b></p> <p>Cost of the measure estimated towards the end of 2012 in €.</p> </div> <div data-bbox="746 1429 916 1464"> <p><b>CostExplanation</b></p> <p>Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</p> </div> <div data-bbox="746 1621 858 1657"> <p><b>Finance</b></p> </div> <div data-bbox="746 1680 877 1715"> <p><b>Comments</b></p> <p>Any additional useful information or clarification (less than 2000 characters).</p> </div> <div data-bbox="746 1800 861 1836"> <p><b>Hyperlink</b></p> <p>Hyperlink to further information</p> </div> </div>
<p>type</p>	<p>Structure1_1</p>

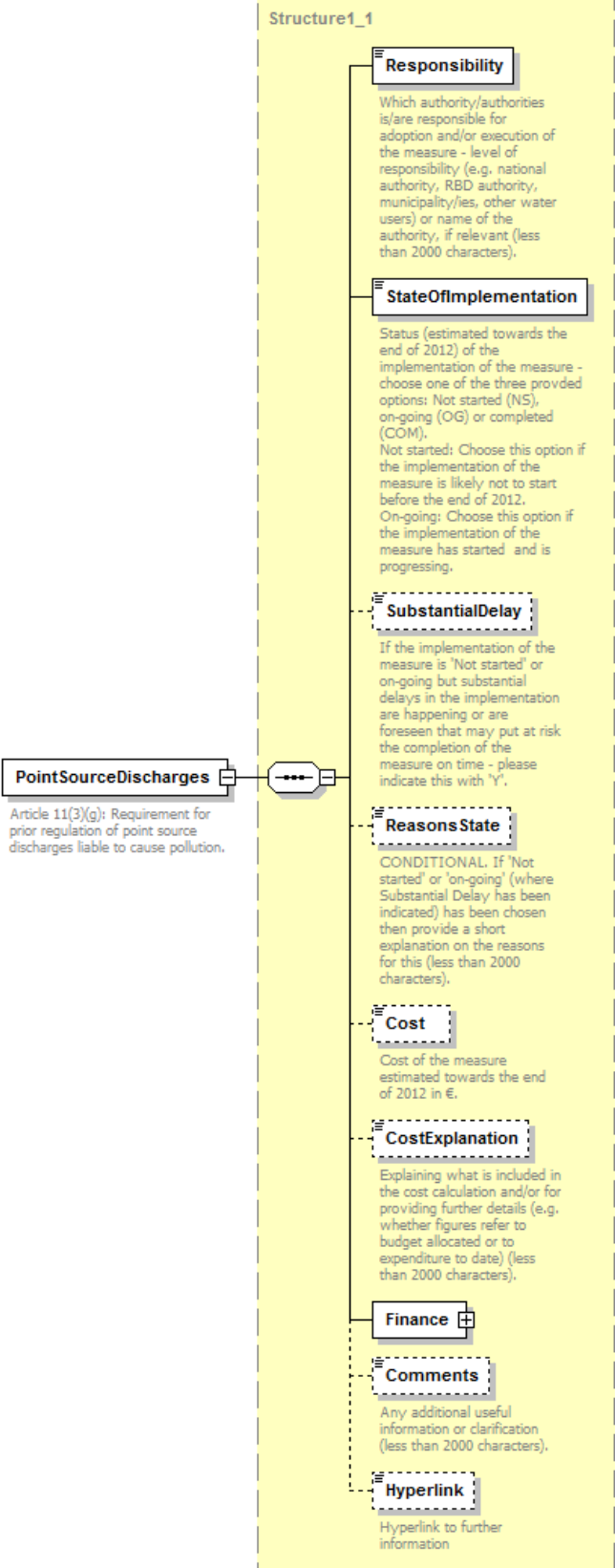
annotation	documentation Article 11(3)(e): Controls over the abstraction of fresh surface water and groundwater and impoundment of fresh surface waters including a register or registers of water abstractions and a requirement for prior authorisation of abstraction and impoundment.
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element **IMP\_POM/IMP\_BasicMeasuresArt11-3b-1/RechargeAugmentationGroundwaters**

diagram	<p><b>RechargeAugmentationGround...</b></p> <p>Article 11(3)(f): Controls, including a requirement for prior authorisation of artificial recharge or augmentation of groundwater bodies.</p> <p><b>Structure1_1</b></p> <ul style="list-style-type: none"> <li><b>Responsibility</b> Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</li> <li><b>StateOfImplementation</b> Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</li> <li><b>SubstantialDelay</b> If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</li> <li><b>ReasonsState</b> CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</li> <li><b>Cost</b> Cost of the measure estimated towards the end of 2012 in €.</li> <li><b>CostExplanation</b> Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</li> <li><b>Finance</b></li> <li><b>Comments</b> Any additional useful information or clarification (less than 2000 characters).</li> <li><b>Hyperlink</b> Hyperlink to further information</li> </ul>
type	Structure1_1

annotation	documentation Article 11(3)(f): Controls, including a requirement for prior authorisation of artificial recharge or augmentation of groundwater bodies.
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element **IMP\_POM/IMP\_BasicMeasuresArt11-3b-1/PointSourceDischarges**

<p>diagram</p>	 <p><b>PointSourceDischarges</b> Article 11(3)(g): Requirement for prior regulation of point source discharges liable to cause pollution.</p> <p><b>Structure1_1</b></p> <ul style="list-style-type: none"> <li><b>Responsibility</b> Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</li> <li><b>StateOfImplementation</b> Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</li> <li><b>SubstantialDelay</b> If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</li> <li><b>ReasonsState</b> CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</li> <li><b>Cost</b> Cost of the measure estimated towards the end of 2012 in €.</li> <li><b>CostExplanation</b> Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</li> <li><b>Finance</b></li> <li><b>Comments</b> Any additional useful information or clarification (less than 2000 characters).</li> <li><b>Hyperlink</b> Hyperlink to further information</li> </ul>
<p>type</p>	<p>Structure1_1</p>

annotation	documentation Article 11(3)(g): Requirement for prior regulation of point source discharges liable to cause pollution.
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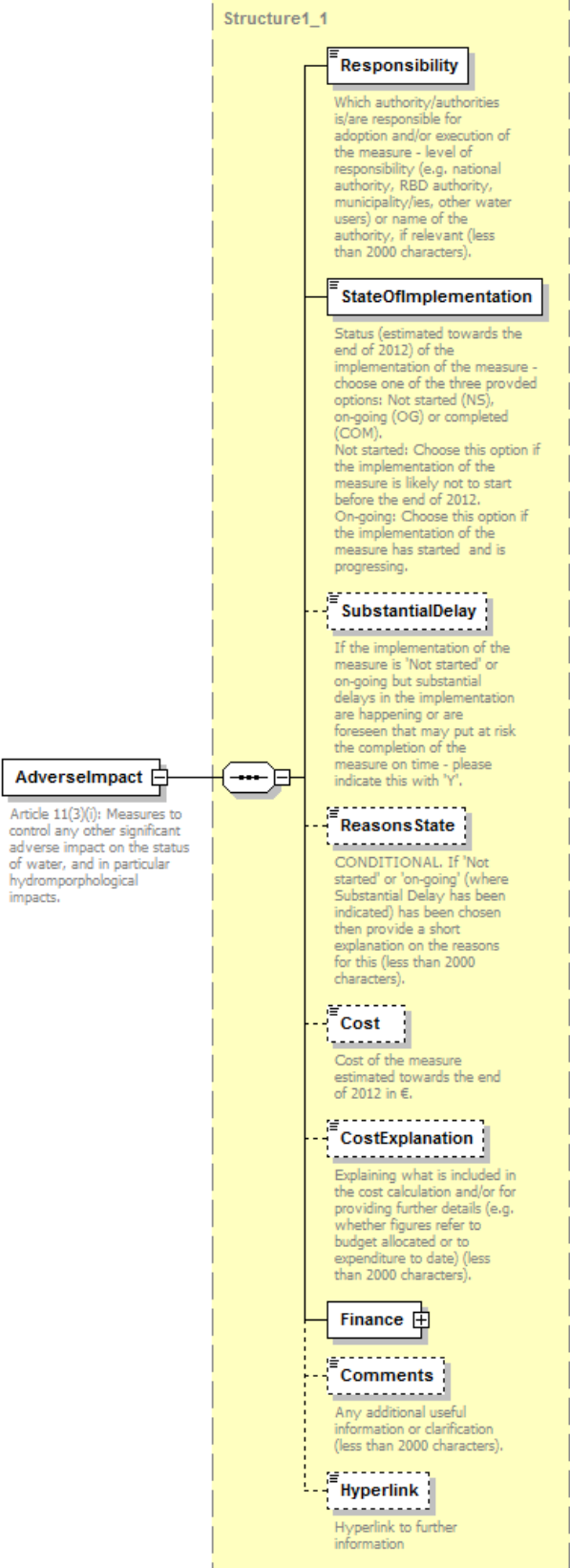
element **IMP\_POM/IMP\_BasicMeasuresArt11-3b-1/PollutantsDiffuse**

<p>diagram</p>	<div data-bbox="336 1055 533 1189"> <p><b>PollutantsDiffuse</b></p> <p>Article 11(3)(h): Measures to prevent or control the input of pollutants from diffuse sources liable to cause pollution.</p> </div> <div data-bbox="557 257 938 1901"> <p><b>Structure1_1</b></p> <div data-bbox="655 309 911 1845"> <div data-bbox="655 309 911 539"> <p><b>Responsibility</b></p> <p>Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</p> </div> <div data-bbox="655 551 911 864"> <p><b>StateOfImplementation</b></p> <p>Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</p> </div> <div data-bbox="655 875 911 1088"> <p><b>SubstantialDelay</b></p> <p>If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</p> </div> <div data-bbox="655 1099 911 1301"> <p><b>ReasonsState</b></p> <p>CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</p> </div> <div data-bbox="655 1312 911 1413"> <p><b>Cost</b></p> <p>Cost of the measure estimated towards the end of 2012 in €.</p> </div> <div data-bbox="655 1424 911 1603"> <p><b>CostExplanation</b></p> <p>Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</p> </div> <div data-bbox="655 1615 911 1659"> <p><b>Finance</b></p> </div> <div data-bbox="655 1671 911 1783"> <p><b>Comments</b></p> <p>Any additional useful information or clarification (less than 2000 characters).</p> </div> <div data-bbox="655 1794 911 1883"> <p><b>Hyperlink</b></p> <p>Hyperlink to further information</p> </div> </div> </div>
<p>type</p>	<p>Structure1_1</p>



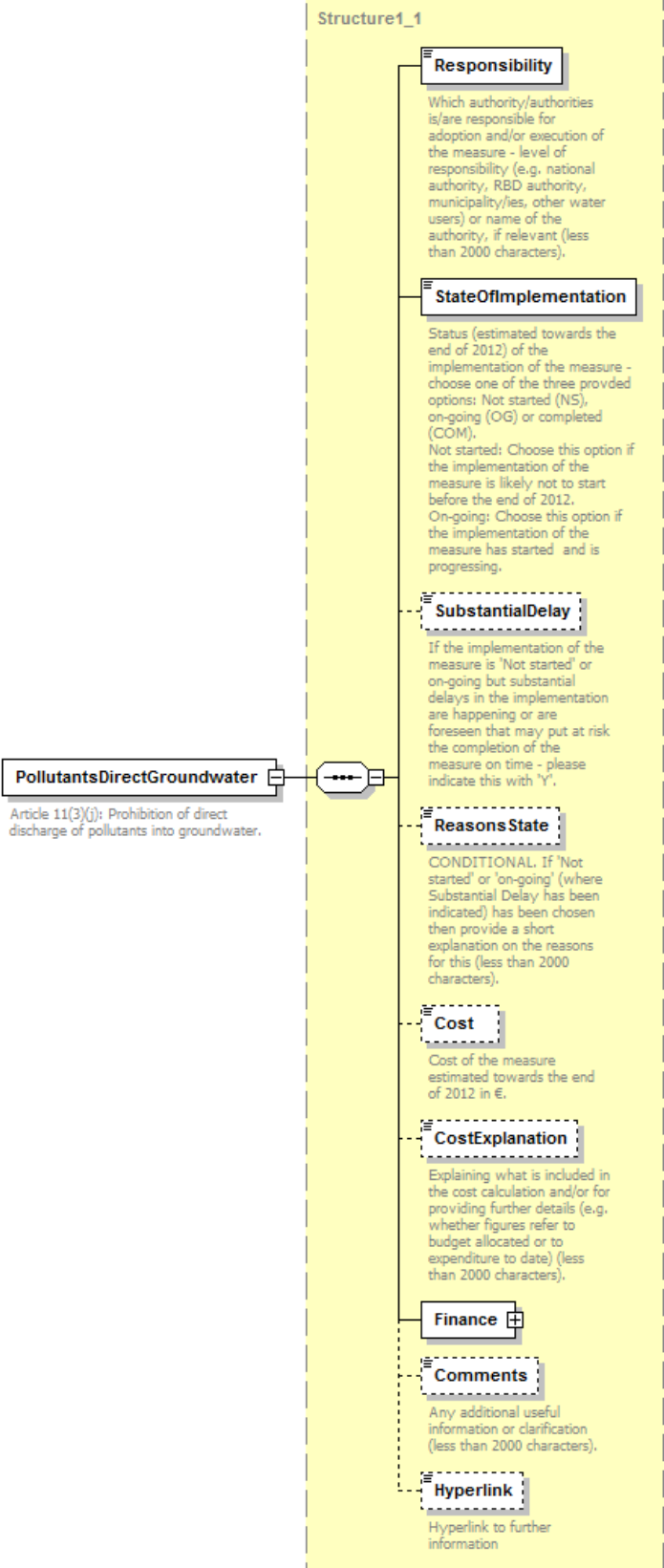
annotation	documentation Article 11(3)(h): Measures to prevent or control the input of pollutants from diffuse sources liable to cause pollution.
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element **IMP\_POM/IMP\_BasicMeasuresArt11-3b-1/AdverseImpact**

<p>diagram</p>	 <p><b>AdverseImpact</b></p> <p>Article 11(3)(i): Measures to control any other significant adverse impact on the status of water, and in particular hydromorphological impacts.</p> <p><b>Structure1_1</b></p> <ul style="list-style-type: none"> <li><b>Responsibility</b> Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</li> <li><b>StateOfImplementation</b> Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</li> <li><b>SubstantialDelay</b> If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</li> <li><b>ReasonsState</b> CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</li> <li><b>Cost</b> Cost of the measure estimated towards the end of 2012 in €.</li> <li><b>CostExplanation</b> Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</li> <li><b>Finance</b></li> <li><b>Comments</b> Any additional useful information or clarification (less than 2000 characters).</li> <li><b>Hyperlink</b> Hyperlink to further information</li> </ul>
<p>type</p>	<p>Structure1_1</p>

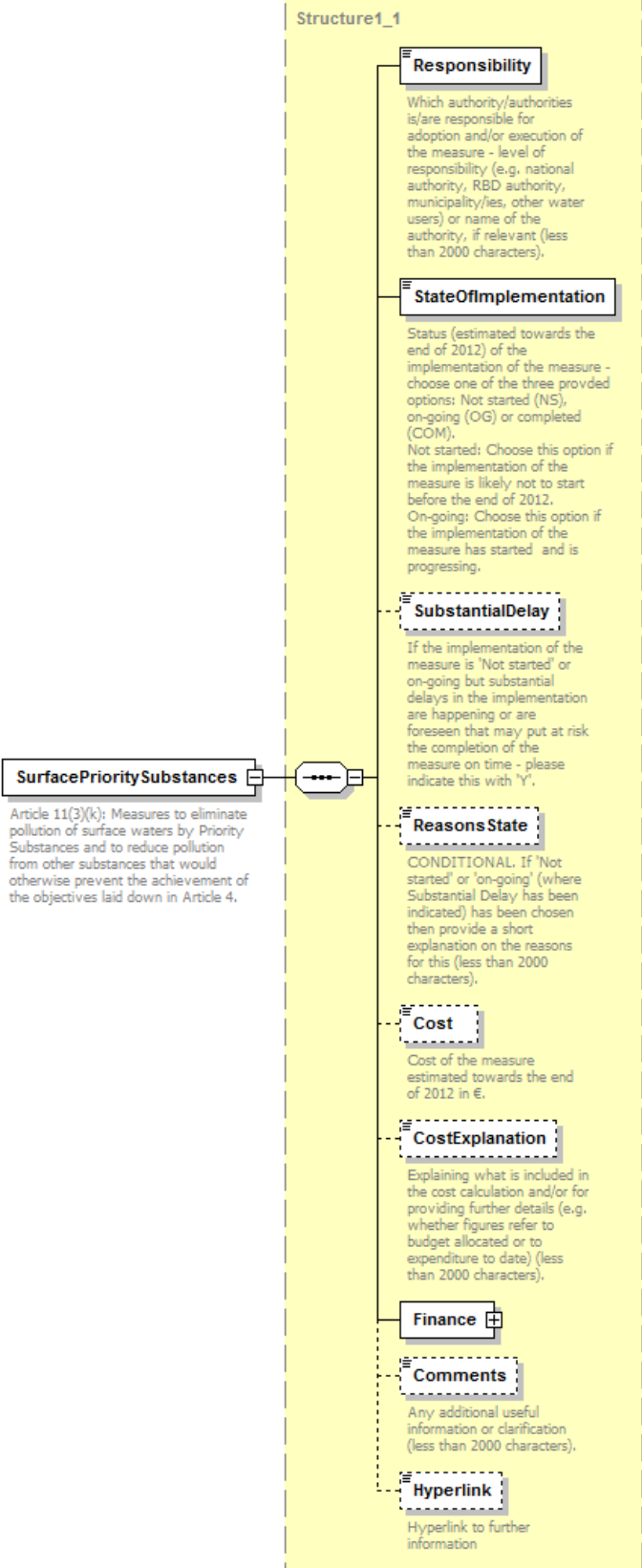
annotation	documentation Article 11(3)(i): Measures to control any other significant adverse impact on the status of water, and in particular hydromorphological impacts.
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element **IMP\_POM/IMP\_BasicMeasuresArt11-3b-1/PollutantsDirectGroundwater**

<p>diagram</p>	 <p><b>PollutantsDirectGroundwater</b> Article 11(3)(j): Prohibition of direct discharge of pollutants into groundwater.</p> <p><b>Structure1_1</b></p> <ul style="list-style-type: none"> <li><b>Responsibility</b> Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</li> <li><b>StateOfImplementation</b> Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</li> <li><b>SubstantialDelay</b> If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</li> <li><b>ReasonsState</b> CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</li> <li><b>Cost</b> Cost of the measure estimated towards the end of 2012 in €.</li> <li><b>CostExplanation</b> Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</li> <li><b>Finance</b></li> <li><b>Comments</b> Any additional useful information or clarification (less than 2000 characters).</li> <li><b>Hyperlink</b> Hyperlink to further information</li> </ul>
<p>type</p>	<p>Structure1_1</p>

annotation	documentation Article 11(3)(j): Prohibition of direct discharge of pollutants into groundwater.
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element **IMP\_POM/IMP\_BasicMeasuresArt11-3b-1/SurfacePrioritySubstances**

<p>diagram</p>	 <p><b>SurfacePrioritySubstances</b></p> <p>Article 11(3)(k): Measures to eliminate pollution of surface waters by Priority Substances and to reduce pollution from other substances that would otherwise prevent the achievement of the objectives laid down in Article 4.</p> <p><b>Structure1_1</b></p> <ul style="list-style-type: none"> <li><b>Responsibility</b> Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</li> <li><b>StateOfImplementation</b> Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</li> <li><b>SubstantialDelay</b> If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</li> <li><b>ReasonsState</b> CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</li> <li><b>Cost</b> Cost of the measure estimated towards the end of 2012 in €.</li> <li><b>CostExplanation</b> Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</li> <li><b>Finance</b></li> <li><b>Comments</b> Any additional useful information or clarification (less than 2000 characters).</li> <li><b>Hyperlink</b> Hyperlink to further information</li> </ul>
<p>type</p>	<p>Structure1_1</p>

annotation	documentation Article 11(3)(k): Measures to eliminate pollution of surface waters by Priority Substances and to reduce pollution from other substances that would otherwise prevent the achievement of the objectives laid down in Article 4.
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element **IMP\_POM/IMP\_BasicMeasuresArt11-3b-1/AccidentalPollution**

<p>diagram</p>	<div data-bbox="336 1055 539 1093" style="border: 1px solid black; padding: 2px; display: inline-block;"> <b>AccidentalPollution</b> </div> <p>Article 11(3)(f): Any measures required to prevent significant losses of pollutants from technical installations and to prevent and/or reduce the impact of accidental pollution incidents.</p> <div data-bbox="564 257 944 1899" style="border: 1px dashed black; padding: 10px; margin-top: 10px;"> <p><b>Structure1_1</b></p> <div data-bbox="687 309 839 347" style="border: 1px solid black; padding: 2px; margin-bottom: 10px;"> <b>Responsibility</b> </div> <p>Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</p> <div data-bbox="687 551 919 589" style="border: 1px solid black; padding: 2px; margin-bottom: 10px;"> <b>StateOfImplementation</b> </div> <p>Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</p> <div data-bbox="687 882 858 920" style="border: 1px dashed black; padding: 2px; margin-bottom: 10px;"> <b>SubstantialDelay</b> </div> <p>If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</p> <div data-bbox="687 1106 839 1144" style="border: 1px dashed black; padding: 2px; margin-bottom: 10px;"> <b>ReasonsState</b> </div> <p>CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</p> <div data-bbox="687 1308 775 1346" style="border: 1px dashed black; padding: 2px; margin-bottom: 10px;"> <b>Cost</b> </div> <p>Cost of the measure estimated towards the end of 2012 in €.</p> <div data-bbox="687 1435 858 1473" style="border: 1px dashed black; padding: 2px; margin-bottom: 10px;"> <b>CostExplanation</b> </div> <p>Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</p> <div data-bbox="687 1621 799 1659" style="border: 1px solid black; padding: 2px; margin-bottom: 10px;"> <b>Finance</b> </div> <div data-bbox="687 1682 815 1720" style="border: 1px dashed black; padding: 2px; margin-bottom: 10px;"> <b>Comments</b> </div> <p>Any additional useful information or clarification (less than 2000 characters).</p> <div data-bbox="687 1800 799 1839" style="border: 1px dashed black; padding: 2px;"> <b>Hyperlink</b> </div> <p>Hyperlink to further information</p> </div>
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annotation	documentation Article 11(3)(l): Any measures required to prevent significant losses of pollutants from technical installations and to prevent and/or reduce the impact of accidental pollution incidents.
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The supplementary and additional measures of WFD Articles 11(4) and 11(5) as in columns 2 and 4 of table 6b in the WFD CIS Guidance Document 21 (see pages 51-56). These are reported in the RBMP\_POM schema under the element ListOfSupplementaryMeasures<sup>1</sup>.

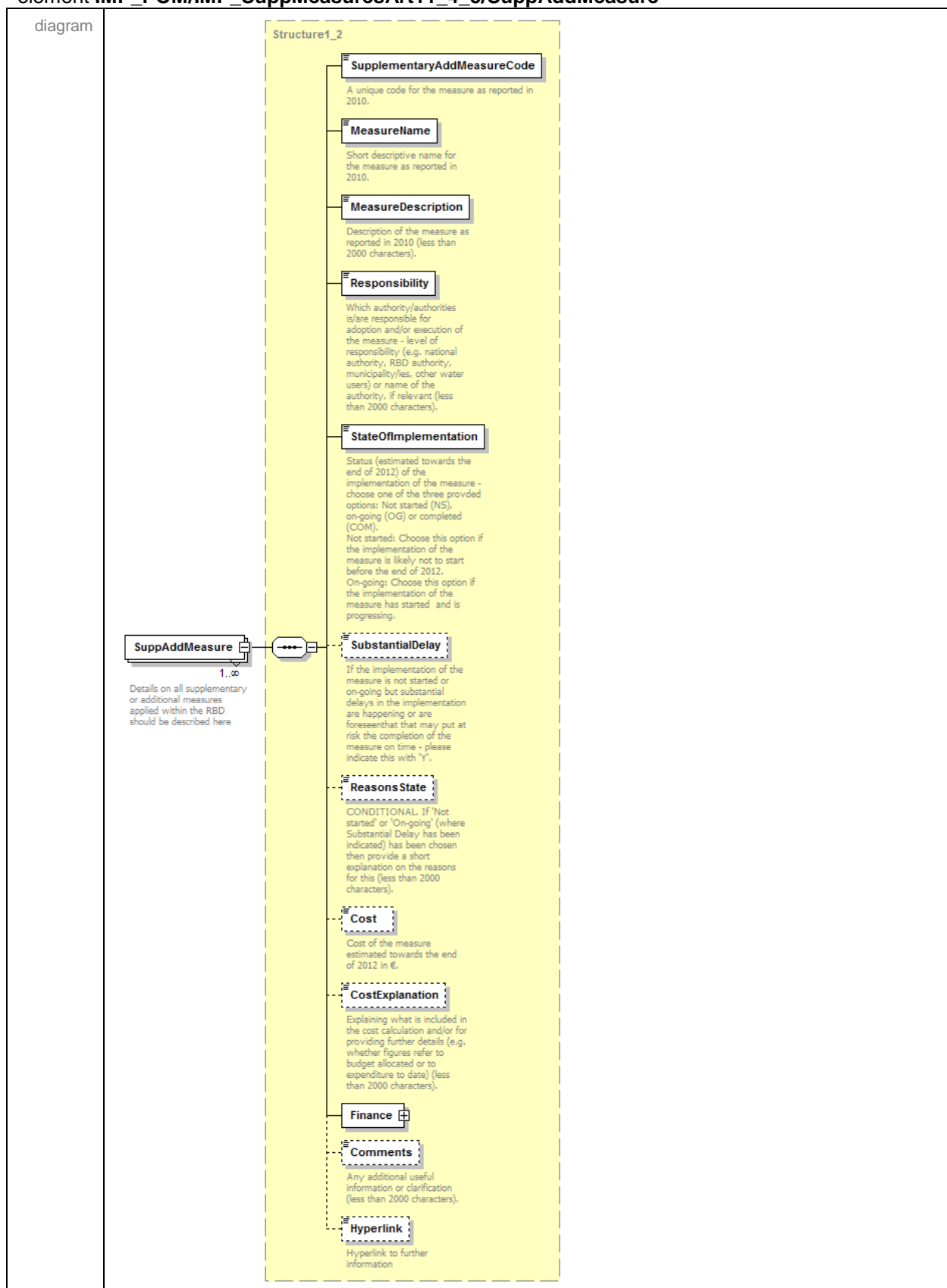
Where necessary to achieve the WFD objectives Member States need to take supplementary or additional measures on top of the compulsory basic measures. These have been reported in 2010 first by identifying which pressures required supplementary measures and then by linking those pressures to supplementary measures that are coded and listed in the element ListOfSupplementaryMeasures in the RBMP\_POM schema. For each measure some information was requested (see page 63 of WFD CIS Guidance Document 21).

element **IMP\_POM/IMP\_SuppMeasuresArt11\_4\_5**

diagram	
annotation	documentation Information of all supplementary and additional measures at RBD level. This list is used to support Table 6b in section 7 of Guidance Document No. 21 'Guidance on reporting under the Water Framework Directive'.

<sup>1</sup> In the RBMP\_POM schema the supplementary and additional measures are reported in the same structure. The field TypeOfAdditionalMeasure allows Member States to flag if they considered the measure is an additional measure under Article 11(5).

element **IMP\_POM/IMP\_SuppMeasuresArt11\_4\_5/SuppAddMeasure**



type	Structure1_2
annotation	documentation Details on all supplementary or additional measures applied within the RBD should be described here

### *Reporting key types of measures with quantitative indicators*

Identify a limited number of key types of measures for each RBD and provide for those quantitative indicators of progress in implementation.

The key types of measures are the ones that are expected to provide the bulk of the improvement towards the WFD achievement in each basin. Given the diversity of situations across the EU, it is not possible to produce a short-list of measures that are the most relevant for all basins. Nevertheless, a number of measures are commonly used and are being implemented across the EU in most of the basins. In addition, the selection of key types of measures involves certain judgement that is best done at Member State / basin level. Therefore, reporting has to be flexible to accommodate diversity of situations.

On this basis, a fixed list of commonly used types of measures that are important and implemented in most of the basins as well as quantitative progress indicator/indicators for those have been developed

In case the MS judges that the type of measure in the fixed list is a key one in the RBD, then it should report the additional information including the values for the quantitative indicators for those types of measures.

If some key types of measures for a particular RBD are not on the predefined list the Member State will be able to provide information on them including their own quantitative progress indicator, preferably similar to those proposed for the predefined measures or of generic nature (e.g. investment cost, number of water bodies affected, etc).

As regards quantitative indicators, they should be understood as an estimate of the progress on the implementation of the measures. In this sense a baseline needs to be provided for each indicator (which would mean 100% progress in reference to the measure expected to be implemented in the first cycle) and the value representing the progress achieved (absolute value or percentage). For the estimation of the indicators the aim is that Member States are able to use readily available information, avoiding extensive collection of new information. To accommodate different availability of information in the Member States, more than one indicator is provided for each type of measure. The Member States are required to provide:

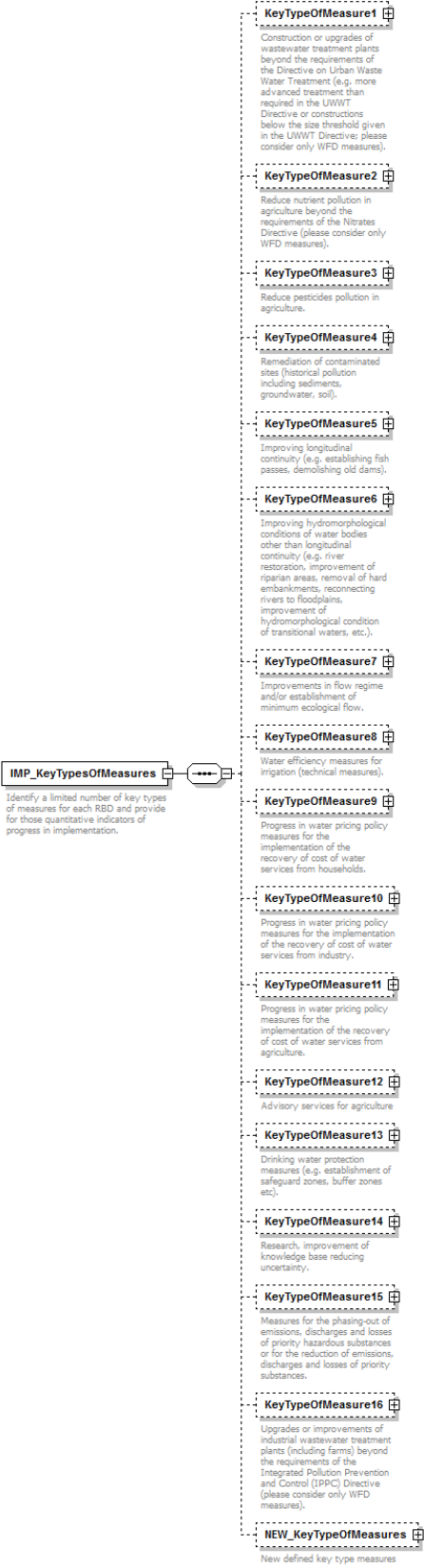
- If possible, as a first option, the indicator identified as “preferred”
- As many other alternative indicators as possible among the proposed ones
- At least one indicator

The key types of measures may refer to one or more measures reported in 2010. In order to establish a link between the measures reported in 2010 and the key types of measures reported in 2012, Member States must identify:

- Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in each key type of measure.
- Indicate the code(s) (SupplementaryAddMeasureCode in schema RBMP\_POM), which measure(s) of the list of supplementary measures, as reported in 2010, are considered to be included in each key type of measure.

In addition, an optional text box (<2000 characters) will be provided to include explanations on the values of the indicators or details on how they have been estimated.

## element IMP\_POM/IMP\_KeyTypesOfMeasures

<p>diagram</p>  <p><b>IMP_KeyTypesOfMeasures</b></p> <p>Identify a limited number of key types of measures for each RBD and provide for those quantitative indicators of progress in implementation.</p>	<p><b>KeyTypeOfMeasure1</b></p> <p>Construction or upgrades of wastewater treatment plants beyond the requirements of the Directive on Urban Waste Water Treatment (e.g. more advanced treatment than required in the UWWTD Directive or constructions below the size threshold given in the UWWTD Directive; please consider only WFD measures).</p> <p><b>KeyTypeOfMeasure2</b></p> <p>Reduce nutrient pollution in agriculture beyond the requirements of the Nitrates Directive (please consider only WFD measures).</p> <p><b>KeyTypeOfMeasure3</b></p> <p>Reduce pesticides pollution in agriculture.</p> <p><b>KeyTypeOfMeasure4</b></p> <p>Remediation of contaminated sites (historical pollution including sediments, groundwater, soil).</p> <p><b>KeyTypeOfMeasure5</b></p> <p>Improving longitudinal continuity (e.g. establishing fish passes, demolishing old dams).</p> <p><b>KeyTypeOfMeasure6</b></p> <p>Improving hydromorphological conditions of water bodies other than longitudinal continuity (e.g. river restoration, improvement of riparian areas, removal of hard embankments, reconnecting rivers to floodplains, improvement of hydromorphological condition of transitional waters, etc.).</p> <p><b>KeyTypeOfMeasure7</b></p> <p>Improvements in flow regime and/or establishment of minimum ecological flow.</p> <p><b>KeyTypeOfMeasure8</b></p> <p>Water efficiency measures for irrigation (technical measures).</p> <p><b>KeyTypeOfMeasure9</b></p> <p>Progress in water pricing policy measures for the implementation of the recovery of cost of water services from households.</p> <p><b>KeyTypeOfMeasure10</b></p> <p>Progress in water pricing policy measures for the implementation of the recovery of cost of water services from industry.</p> <p><b>KeyTypeOfMeasure11</b></p> <p>Progress in water pricing policy measures for the implementation of the recovery of cost of water services from agriculture.</p> <p><b>KeyTypeOfMeasure12</b></p> <p>Advisory services for agriculture</p> <p><b>KeyTypeOfMeasure13</b></p> <p>Drinking water protection measures (e.g. establishment of safeguard zones, buffer zones etc.).</p> <p><b>KeyTypeOfMeasure14</b></p> <p>Research, improvement of knowledge base reducing uncertainty.</p> <p><b>KeyTypeOfMeasure15</b></p> <p>Measures for the phasing-out of emissions, discharges and losses of priority hazardous substances or for the reduction of emissions, discharges and losses of priority substances.</p> <p><b>KeyTypeOfMeasure16</b></p> <p>Upgrades or improvements of industrial wastewater treatment plants (including farms) beyond the requirements of the Integrated Pollution Prevention and Control (IPPC) Directive (please consider only WFD measures).</p> <p><b>NEW_KeyTypeOfMeasures</b></p> <p>New defined key type measures</p>
<p>annotation</p>	<p>documentation</p> <p>Identify a limited number of key types of measures for each RBD and provide for those quantitative indicators of</p>

	progress in implementation.
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element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure1**

diagram	
annotation	<p>documentation</p> <p>Construction or upgrades of wastewater treatment plants beyond the requirements of the Directive on Urban Waste Water Treatment (e.g. more advanced treatment than required in the UWWT Directive or constructions below the size threshold given in the UWWT Directive; please consider only WFD measures).</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure1/LINKBasicMeasureType**

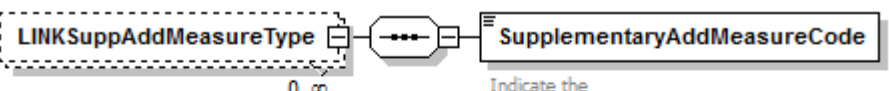
diagram	
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element

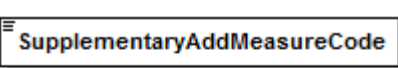
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure1/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	
annotation	<p>documentation</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure1/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure1/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure1/Indicators**

diagram	<p><b>Indicators</b> 1..∞ At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b> Choose the indicator from the enumeration list: 1.1: Number of population equivalent covered by measures beyond the requirements of the UWWTD 1.2: Number of projects/measures 1.3: Estimated Total Costs (€) of the measures Other: Other</p> <p><b>NotStarted_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>PlanningOnGoing_QuantitativeV...</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ConstructionOnGoing_Quantitati...</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>Completed_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ExplanationOfIndicator</b> CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
annotation	<p>documentation</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure1/Indicators/Indicator**

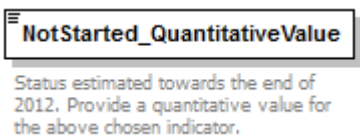
diagram	<p><b>Indicator</b> Choose the indicator from the enumeration list: 1.1: Number of population equivalent covered by measures beyond the requirements of the UWWTD 1.2: Number of projects/measures 1.3: Estimated Total Costs (€) of the measures Other: Other</p>
---------	--



type	<b>KeyTypeOfMeasure1</b>		
facets	Kind	Value	annotation
	enumeration	1.1	
	enumeration	1.2	
	enumeration	1.3	
	enumeration	Other	
annotation	documentation Choose the indicator from the enumeration list: 1.1: Number of population equivalent covered by measures beyond the requirements of the UWWTD 1.2: Number of projects/measures 1.3: Estimated Total Costs (€) of the measures Other: Other		

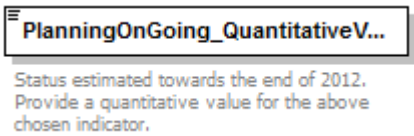
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure1/Indicators/NotStarted\_QuantitativeValue**

diagram	
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure1/Indicators/PlanningOnGoing\_QuantitativeValue**

diagram	
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

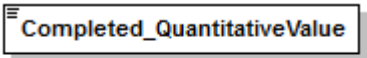
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure1/Indicators/ConstructionOnGoing\_QuantitativeValue**

diagram	
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

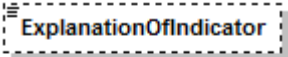
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure1/Indicators/Completed\_QuantitativeValue**

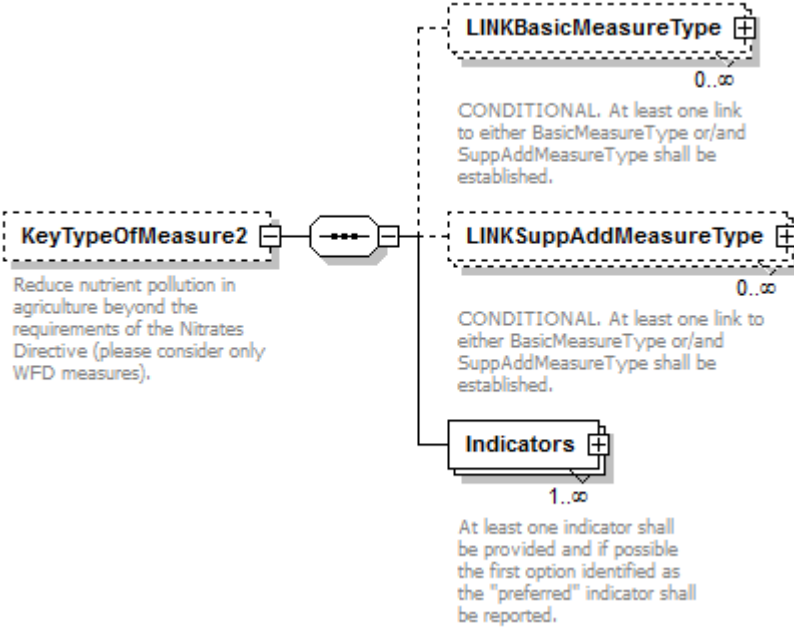
diagram	 <p>Completed_QuantitativeValue</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

element

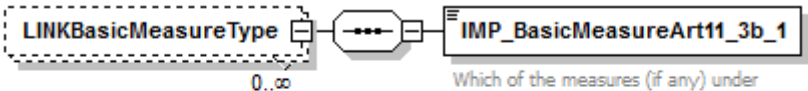
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure1/Indicators/ExplanationOfIndicator**

diagram	 <p>ExplanationOfIndicator</p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	<p>documentation</p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>

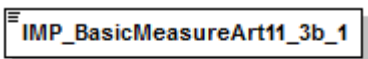
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure2**

diagram	 <p>KeyTypeOfMeasure2</p> <p>Reduce nutrient pollution in agriculture beyond the requirements of the Nitrates Directive (please consider only WFD measures).</p> <p>LINKBasicMeasureType</p> <p>0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>LINKSuppAddMeasureType</p> <p>0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicators</p> <p>1..∞</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>
annotation	<p>documentation</p> <p>Reduce nutrient pollution in agriculture beyond the requirements of the Nitrates Directive (please consider only WFD measures).</p>

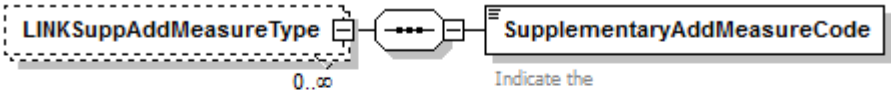
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure2/LINKBasicMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>


element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure2/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	 <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure2/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure2/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure2/Indicators**

diagram	<p><b>Indicators</b> 1..∞ At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b> Choose the indicator from the enumeration list: 2.1: Area of agricultural land covered by measures (km2) beyond the requirements of the NiD 2.2: Estimated Total Costs (€) of the measures 2.3: Number of projects/measures Other: Other</p> <p><b>NotStarted_QuantitativeValue</b> Status estimated towards the end of 2012, Provide a quantitative value for the above chosen indicator.</p> <p><b>OnGoing_QuantitativeValue</b> Status estimated towards the end of 2012, Provide a quantitative value for the above chosen indicator.</p> <p><b>Completed_QuantitativeValue</b> Status estimated towards the end of 2012, Provide a quantitative value for the above chosen indicator.</p> <p><b>ExplanationOfIndicator</b> CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
annotation	<p>documentation</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

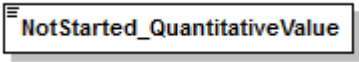
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure2/Indicators/Indicator**

element <b>Indicator</b> <b>URI</b> : <b>KeyTypesOfMeasures/KeyTypesOfMeasure2/Indicator/Indicator</b>	<div><div><div><div><div><div></div><div>Indicator</div></div></div></div></div><p>Choose the indicator from the enumeration list: 2.1: Area of agricultural land covered by measures (km2) beyond the requirements of the NiD 2.2: Estimated Total Costs (€) of the measures 2.3: Number of projects/measures Other: Other</p></div>									
type	<b>KeyTypeOfMeasure2</b>									
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>2.1</td><td></td></tr><tr><td>enumeration</td><td>2.2</td><td></td></tr></table>	Kind	Value	annotation	enumeration	2.1		enumeration	2.2	
Kind	Value	annotation								
enumeration	2.1									
enumeration	2.2									

	enumeration 2.3 enumeration Other
annotation	documentation Choose the indicator from the enumeration list: 2.1: Area of agricultural land covered by measures (km2) beyond the requirements of the NiD 2.2: Estimated Total Costs (€) of the measures 2.3: Number of projects/measures Other: Other

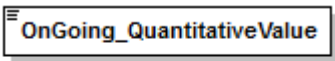
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure2/Indicators/NotStarted\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

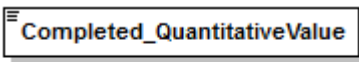
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure2/Indicators/OnGoing\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.


element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure2/Indicators/Completed\_QuantitativeValue**

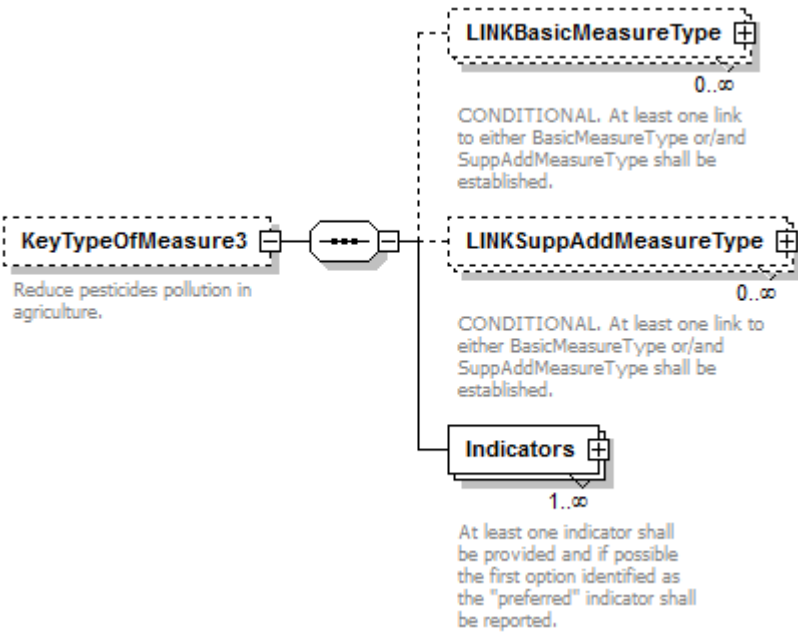
diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

element

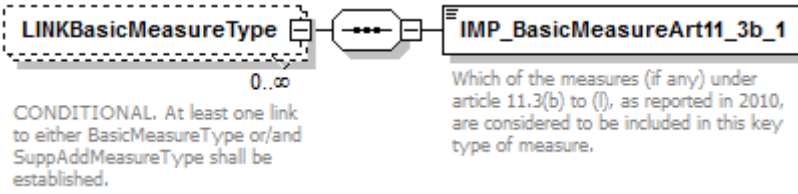
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure2/Indicators/ExplanationOfIndicator**

diagram	 <p><b>ExplanationOfIndicator</b></p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	<p>documentation</p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure3**

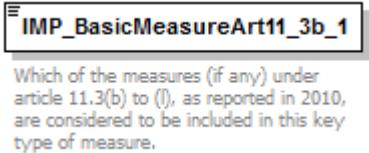
diagram	 <p><b>KeyTypeOfMeasure3</b></p> <p>Reduce pesticides pollution in agriculture.</p> <p><b>LINKBasicMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>LINKSuppAddMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>Indicators</b> 1..∞</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>
annotation	<p>documentation</p> <p>Reduce pesticides pollution in agriculture.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure3/LINKBasicMeasureType**

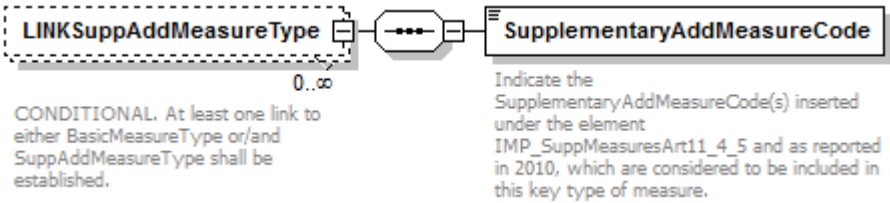
diagram	 <p><b>LINKBasicMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>IMP_BasicMeasureArt11_3b_1</b></p> <p>Which of the measures (if any) under article 11.3(b) to (f), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure3/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

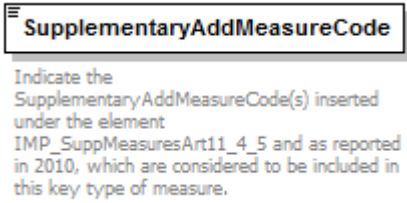
diagram	 <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure3/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure3/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure3/Indicators**

diagram	<p><b>Indicators</b> 1..∞ At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b> Choose the indicator from the enumeration list: 3.1: Area of agricultural land covered by measures (km2) to reduce pollution in agriculture 3.2: Number of projects/measures Other: Other</p> <p><b>NotStarted_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>OnGoing_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>Completed_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ExplanationOfIndicator</b> CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
annotation	<p>documentation At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure3/Indicators/Indicator**

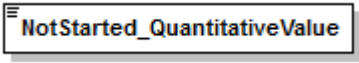
diagram	<div><div><div>Indicator</div></div><p>Choose the indicator from the enumeration list: 3.1: Area of agricultural land covered by measures (km2) to reduce pollution in agriculture 3.2: Number of projects/measures Other: Other</p></div>												
type	KeyTypeOfMeasure3												
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>3.1</td><td></td></tr><tr><td>enumeration</td><td>3.2</td><td></td></tr><tr><td>enumeration</td><td>Other</td><td></td></tr></table>	Kind	Value	annotation	enumeration	3.1		enumeration	3.2		enumeration	Other	
Kind	Value	annotation											
enumeration	3.1												
enumeration	3.2												
enumeration	Other												
annotation	<p>documentation</p> <p>Choose the indicator from the enumeration list: 3.1: Area of agricultural land covered by measures (km2) to reduce pollution in agriculture</p>												



	3.2: Number of projects/measures Other: Other
--	--

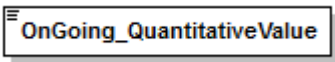
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure3/Indicators/NotStarted\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

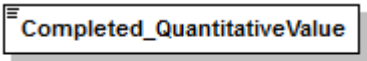
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure3/Indicators/OnGoing\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.


element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure3/Indicators/Completed\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure3/Indicators/ExplanationOfIndicator**

diagram	 <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	documentation CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure4**

diagram	<p>The diagram shows the structure of the <b>KeyTypeOfMeasure4</b> element. It is a dashed box containing the text: "Remediation of contaminated sites (historical pollution including sediments, groundwater, soil)". To its right is a connector box (a rectangle with a dashed line and a plus sign). This connector box is linked to three other elements: <b>LINKBasicMeasureType</b> (dashed box, 0..∞), <b>LINKSuppAddMeasureType</b> (dashed box, 0..∞), and <b>Indicators</b> (solid box, 1..∞). Each of these three elements has a conditional note: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." for the LINK elements, and "At least one indicator shall be provided and if possible the first option identified as the 'preferred' indicator shall be reported." for the Indicators element.</p>
annotation	<p>documentation Remediation of contaminated sites (historical pollution including sediments, groundwater, soil).</p>

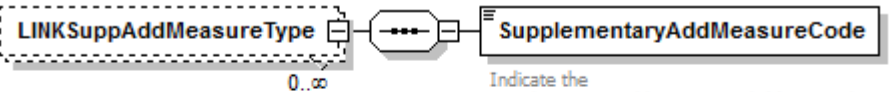
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure4/LINKBasicMeasureType**

diagram	<p>The diagram shows the structure of the <b>LINKBasicMeasureType</b> element. It is a dashed box containing the text: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." To its right is a connector box (a rectangle with a dashed line and a plus sign). This connector box is linked to the <b>IMP_BasicMeasureArt11_3b_1</b> element (solid box). The <b>IMP_BasicMeasureArt11_3b_1</b> element contains the text: "Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure."</p>
annotation	<p>documentation CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

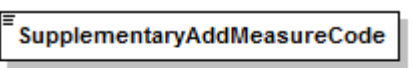
element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure4/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	<p>The diagram shows the structure of the <b>IMP_BasicMeasureArt11_3b_1</b> element. It is a solid box containing the text: "Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure."</p>
annotation	<p>documentation Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure4/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

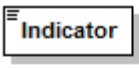
element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure4/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

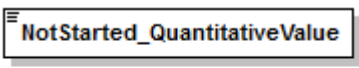
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure4/Indicators**

<p>diagram</p>	<p><b>Indicators</b> 1..∞ At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b> Choose the indicator from the enumeration list: 4.1: Area of land covered by measures (km2) for the remediation of contaminated sites 4.2: Number of sites subject to measures for the remediation of contaminated sites 4.3: Estimated Total Costs (€) of the measures Other: Other</p> <p><b>NotStarted_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>PlanningOnGoing_QuantitativeV...</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ConstructionOnGoing_Quantitati...</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>Completed_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ExplanationOfIndicator</b> CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
<p>annotation</p>	<p>documentation At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure4/Indicators/Indicator**

diagram	 <p>Choose the indicator from the enumeration list:  4.1: Area of land covered by measures (km2) for the remediation of contaminated sites  4.2: Number of sites subject to measures for the remediation of contaminated sites  4.3: Estimated Total Costs (€) of the measures  Other: Other</p>		
type	<b>KeyTypeOfMeasure4</b>		
facets	Kind	Value	annotation
	enumeration	4.1	
	enumeration	4.2	
	enumeration	4.3	
	enumeration	Other	
annotation	documentation Choose the indicator from the enumeration list: 4.1: Area of land covered by measures (km2) for the remediation of contaminated sites 4.2: Number of sites subject to measures for the remediation of contaminated sites 4.3: Estimated Total Costs (€) of the measures Other: Other		

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure4/Indicators/NotStarted\_QuantitativeValue**


diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>		
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.		

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure4/Indicators/PlanningOnGoing\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>		
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.		

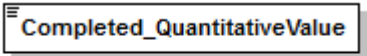
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure4/Indicators/ConstructionOnGoing\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

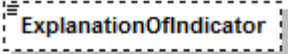
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure4/Indicators/Completed\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure4/Indicators/ExplanationOfIndicator**

diagram	 <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	<p>documentation</p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure5**

diagram	<p>The diagram shows the structure of the <b>KeyTypeOfMeasure5</b> element. It is a dashed box containing the text: "Improving longitudinal continuity (e.g. establishing fish passes, demolishing old dams)." It is connected via a dashed line to a central connector box. From this connector, three dashed lines branch out to three other elements: <b>LINKBasicMeasureType</b> (0..∞), <b>LINKSuppAddMeasureType</b> (0..∞), and <b>Indicators</b> (1..∞). Each of these three elements has a conditional note: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." for the first two, and "At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported." for the third.</p>
annotation	<p>documentation Improving longitudinal continuity (e.g. establishing fish passes, demolishing old dams).</p>

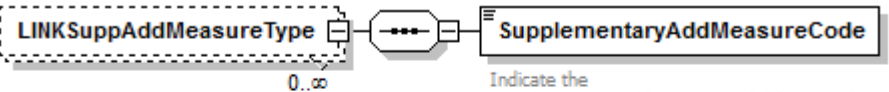
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure5/LINKBasicMeasureType**

diagram	<p>The diagram shows the structure of the <b>LINKBasicMeasureType</b> element. It is a dashed box containing the text: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." It is connected via a dashed line to a central connector box. From this connector, a dashed line branches out to a single element: <b>IMP_BasicMeasureArt11_3b_1</b>. This element has a note: "Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure."</p>
annotation	<p>documentation CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

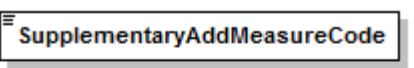
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure5/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	<p>The diagram shows the structure of the <b>IMP_BasicMeasureArt11_3b_1</b> element. It is a solid box containing the text: "Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure."</p>
annotation	<p>documentation Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure5/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure5/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>



element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure5/Indicators**

diagram	
annotation	<p>documentation</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

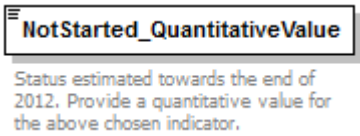
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure5/Indicators/Indicator**

diagram	
type	<b>KeyTypeOfMeasure5</b>
facets	Kind      Value      annotation

	<p>enumeration 5.1</p> <p>enumeration 5.2</p> <p>enumeration Other</p>
annotation	<p>documentation</p> <p>Choose the indicator from the enumeration list:</p> <p>5.1: Number of projects/measures to improve longitudinal continuity</p> <p>5.2: Estimated Total Costs (€) of the measures</p> <p>Other: Other</p>

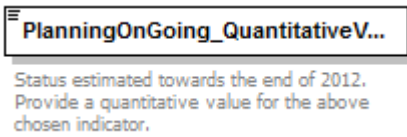
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure5/Indicators/NotStarted\_QuantitativeValue**

diagram	
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure5/Indicators/PlanningOnGoing\_QuantitativeValue**

diagram	
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure5/Indicators/ConstructionOnGoing\_QuantitativeValue**

diagram	
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

element


**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure5/Indicators/Completed\_QuantitativeValue**

diagram	
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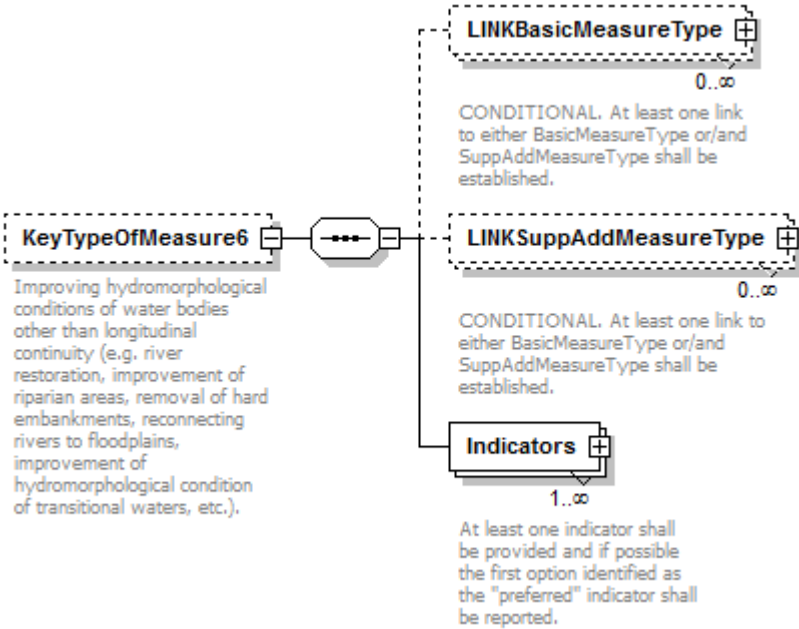
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.
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element

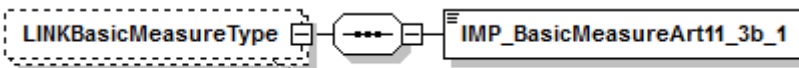
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure5/Indicators/ExplanationOfIndicator**

diagram	 <p><b>ExplanationOfIndicator</b></p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	documentation CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure6**

diagram	 <p><b>KeyTypeOfMeasure6</b></p> <p>Improving hydromorphological conditions of water bodies other than longitudinal continuity (e.g. river restoration, improvement of riparian areas, removal of hard embankments, reconnecting rivers to floodplains, improvement of hydromorphological condition of transitional waters, etc.).</p> <p><b>LINKBasicMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>LINKSuppAddMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>Indicators</b> 1..∞</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>
annotation	documentation Improving hydromorphological conditions of water bodies other than longitudinal continuity (e.g. river restoration, improvement of riparian areas, removal of hard embankments, reconnecting rivers to floodplains, improvement of hydromorphological condition of transitional waters, etc.).

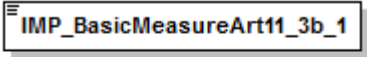
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure6/LINKBasicMeasureType**

diagram	 <p><b>LINKBasicMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>IMP_BasicMeasureArt11_3b_1</b></p> <p>Which of the measures (if any) under article 11.3(b) to (f), as reported in 2010, are considered to be included in this key type of measure.</p>
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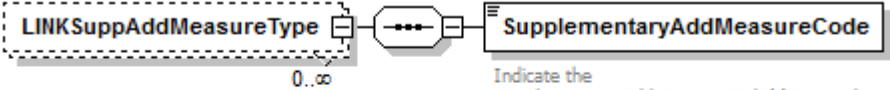
annotation	documentation CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.
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element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure6/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

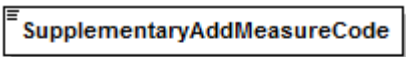
diagram	 <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	documentation Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure6/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	documentation CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.

element

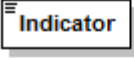
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure6/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	documentation Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.

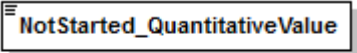
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure6/Indicators**

diagram	<p><b>Indicators</b> 1..∞ At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b> Choose the indicator from the enumeration list: 6.1: Length of rivers (km) affected by measures to improve hydromorphological conditions 6.2: Area of RBD (km2) affected by measures to improve hydromorphological conditions 6.3: Number of projects/measures to improve hydromorphological conditions 6.4: Estimated Total Costs (€) of the measures Other: Other</p> <p><b>NotStarted_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>PlanningOnGoing_QuantitativeV...</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ConstructionOnGoing_Quantitati...</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>Completed_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ExplanationOfIndicator</b> CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
annotation	<p>documentation</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

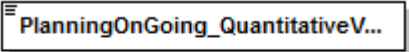
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure6/Indicators/Indicator**

diagram	 <p>Choose the indicator from the enumeration list:          6.1: Length of rivers (km) affected by measures to improve hydromorphological conditions          6.2: Area of RBD (km2) affected by measures to improve hydromorphological conditions          6.3: Number of projects/measures to improve hydromorphological conditions          6.4: Estimated Total Costs (€) of the measures          Other: Other</p>		
type	<b>KeyTypeOfMeasure6</b>		
facets	Kind	Value	annotation
	enumeration	6.1	
	enumeration	6.2	
	enumeration	6.3	
	enumeration	6.4	
	enumeration	Other	
annotation	documentation Choose the indicator from the enumeration list: 6.1: Length of rivers (km) affected by measures to improve hydromorphological conditions 6.2: Area of RBD (km2) affected by measures to improve hydromorphological conditions 6.3: Number of projects/measures to improve hydromorphological conditions 6.4: Estimated Total Costs (€) of the measures Other: Other		

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure6/Indicators/NotStarted\_QuantitativeValue**


diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>		
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.		

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure6/Indicators/PlanningOnGoing\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>		
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.		

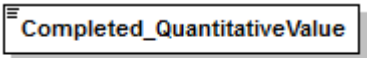
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure6/Indicators/ConstructionOnGoing\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.


element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure6/Indicators/Completed\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure6/Indicators/ExplanationOfIndicator**

diagram	 <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	documentation CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure7**

diagram	<p>The diagram shows the structure of the <b>KeyTypeOfMeasure7</b> element. It is a dashed box containing the text: "Improvements in flow regime and/or establishment of minimum ecological flow." To its right is a connector box (a circle with four dots). This connector box is linked to three other elements: <b>LINKBasicMeasureType</b> (dashed box, 0..∞), <b>LINKSuppAddMeasureType</b> (dashed box, 0..∞), and <b>Indicators</b> (solid box, 1..∞). Each of these three elements has its own conditional text: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." for the LINK elements, and "At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported." for the Indicators element.</p>
annotation	<p>documentation Improvements in flow regime and/or establishment of minimum ecological flow.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure7/LINKBasicMeasureType**

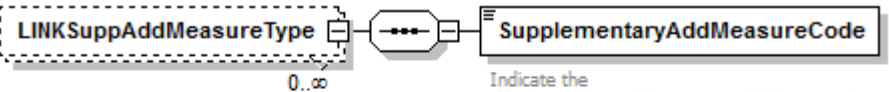
diagram	<p>The diagram shows the structure of the <b>LINKBasicMeasureType</b> element. It is a dashed box containing the text: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." To its right is a connector box (a circle with four dots). This connector box is linked to the <b>IMP_BasicMeasureArt11_3b_1</b> element (solid box). The <b>IMP_BasicMeasureArt11_3b_1</b> element contains the text: "Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure."</p>
annotation	<p>documentation CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure7/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

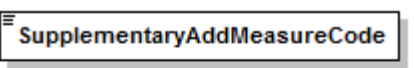
diagram	<p>The diagram shows the structure of the <b>IMP_BasicMeasureArt11_3b_1</b> element. It is a solid box containing the text: "Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure."</p>
annotation	<p>documentation Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>



element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure7/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>


element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure7/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

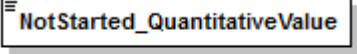
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure7/Indicators**

<p>diagram</p>	<pre> graph LR     Indicators[Indicators 1..∞] --- Choice1(( ))     Choice1 --- Choice2(( ))     Choice2 --- NotStarted[NotStarted_QuantitativeValue]     Choice2 --- OnGoing[OnGoing_QuantitativeValue]     Choice2 --- Completed[Completed_QuantitativeValue]     Completed -.-&gt; Explanation[ExplanationOfIndicator]     </pre> <p><b>Indicators</b> 1..∞ At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b> Choose the indicator from the enumeration list: 7.1: Number of projects/measures (including permits) to improve flow regime and/or establishment of minimum ecological flow 7.2: Length of rivers (km) affected by measures to improve flow regime and/or establishment of minimum ecological flow 7.3: Estimated Total Costs (€) of the measures Other: Other</p> <p><b>NotStarted_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>OnGoing_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>Completed_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ExplanationOfIndicator</b> CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
<p>annotation</p>	<p>documentation At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

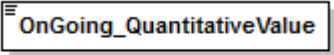
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure7/Indicators/Indicator**

diagram	 <p>Choose the indicator from the enumeration list:  7.1: Number of projects/measures (including permits) to improve flow regime and/or establishment of minimum ecological flow  7.2: Length of rivers (km) affected by measures to improve flow regime and/or establishment of minimum ecological flow  7.3: Estimated Total Costs (€) of the measures  Other: Other</p>		
type	<b>KeyTypeOfMeasure7</b>		
facets	Kind	Value	annotation
	enumeration	7.1	
	enumeration	7.2	
	enumeration	7.3	
	enumeration	Other	
annotation	documentation Choose the indicator from the enumeration list: 7.1: Number of projects/measures (including permits) to improve flow regime and/or establishment of minimum ecological flow 7.2: Length of rivers (km) affected by measures to improve flow regime and/or establishment of minimum ecological flow 7.3: Estimated Total Costs (€) of the measures Other: Other		

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure7/Indicators/NotStarted\_QuantitativeValue**

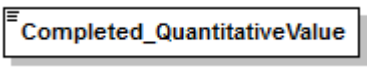
diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>		
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.		

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure7/Indicators/OnGoing\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>		
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.		

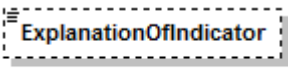
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure7/Indicators/Completed\_QuantitativeValue**

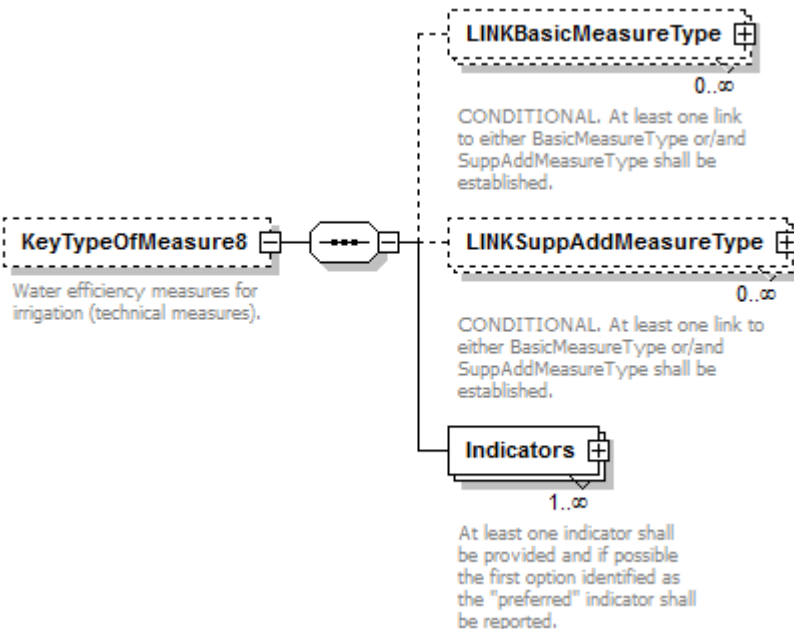
diagram	 <p><b>Completed_QuantitativeValue</b></p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

element

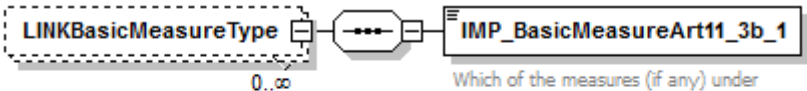
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure7/Indicators/ExplanationOfIndicator**

diagram	 <p><b>ExplanationOfIndicator</b></p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	<p>documentation</p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>

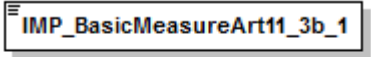
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure8**

diagram	 <p><b>KeyTypeOfMeasure8</b></p> <p>Water efficiency measures for irrigation (technical measures).</p> <p><b>LINKBasicMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>LINKSuppAddMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>Indicators</b> 1..∞</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>
annotation	<p>documentation</p> <p>Water efficiency measures for irrigation (technical measures).</p>

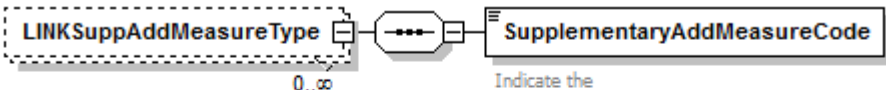
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure8/LINKBasicMeasureType**

diagram	 <p>0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

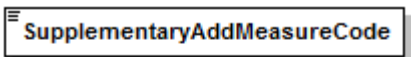
element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure8/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	 <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure8/LINKSuppAddMeasureType**

diagram	 <p>0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

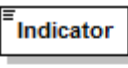
element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure8/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure8/Indicators**

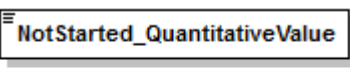
<p>diagram</p>	<p><b>Indicators</b> 1..∞ At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b> Choose the indicator from the enumeration list: 8.1: Area covered by projects improving water efficiency in irrigation 8.2: Number of projects/measures to improve water efficiency in irrigation 8.3: Estimated Total Costs (€) of the measures Other: Other</p> <p><b>NotStarted_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>PlanningOnGoing_QuantitativeV...</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ConstructionOnGoing_Quantitati...</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>Completed_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ExplanationOfIndicator</b> CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
<p>annotation</p>	<p>documentation At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure8/Indicators/Indicator**

diagram	 <p>Choose the indicator from the enumeration list:              8.1: Area covered by projects improving water efficiency in irrigation              8.2: Number of projects/measures to improve water efficiency in irrigation              8.3: Estimated Total Costs (€) of the measures              Other: Other</p>		
type	<b>KeyTypeOfMeasure8</b>		
facets	Kind	Value	annotation
	enumeration	8.1	
	enumeration	8.2	
	enumeration	8.3	
	enumeration	Other	
annotation	<p>documentation</p> <p>Choose the indicator from the enumeration list:              8.1: Area covered by projects improving water efficiency in irrigation              8.2: Number of projects/measures to improve water efficiency in irrigation              8.3: Estimated Total Costs (€) of the measures              Other: Other</p>		

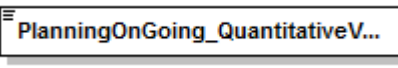
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure8/Indicators/NotStarted\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>		
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>		


element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure8/Indicators/PlanningOnGoing\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>		
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>		

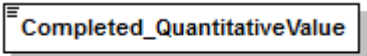
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure8/Indicators/ConstructionOnGoing\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

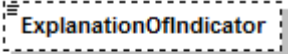
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure8/Indicators/Completed\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure8/Indicators/ExplanationOfIndicator**

diagram	 <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	<p>documentation</p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>



element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure9**

diagram	<p>The diagram shows the structure of the <b>KeyTypeOfMeasure9</b> element. It is a dashed box containing the text: "Progress in water pricing policy measures for the implementation of the recovery of cost of water services from households." It is connected via a dashed line to a central connector box. From this connector, three dashed lines branch out to three other elements: <b>LINKBasicMeasureType</b> (0..∞), <b>LINKSuppAddMeasureType</b> (0..∞), and <b>Indicators</b> (1..∞). Each of these three elements has a conditional note: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." for the first two, and "At least one indicator shall be provided and if possible the first option identified as the 'preferred' indicator shall be reported." for the third.</p>
annotation	<p>documentation</p> <p>Progress in water pricing policy measures for the implementation of the recovery of cost of water services from households.</p>

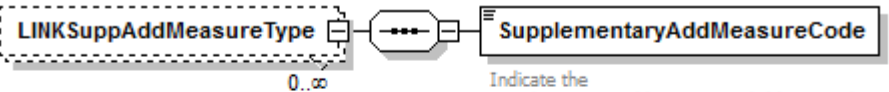
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure9/LINKBasicMeasureType**

diagram	<p>The diagram shows the structure of the <b>LINKBasicMeasureType</b> element. It is a dashed box containing the text: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." It is connected via a dashed line to a central connector box. From this connector, a dashed line branches out to the <b>IMP_BasicMeasureArt11_3b_1</b> element. This element has a note: "Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure."</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

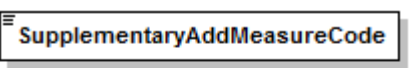
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure9/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	<p>The diagram shows the structure of the <b>IMP_BasicMeasureArt11_3b_1</b> element. It is a solid box containing the text: "Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure."</p>
annotation	<p>documentation</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

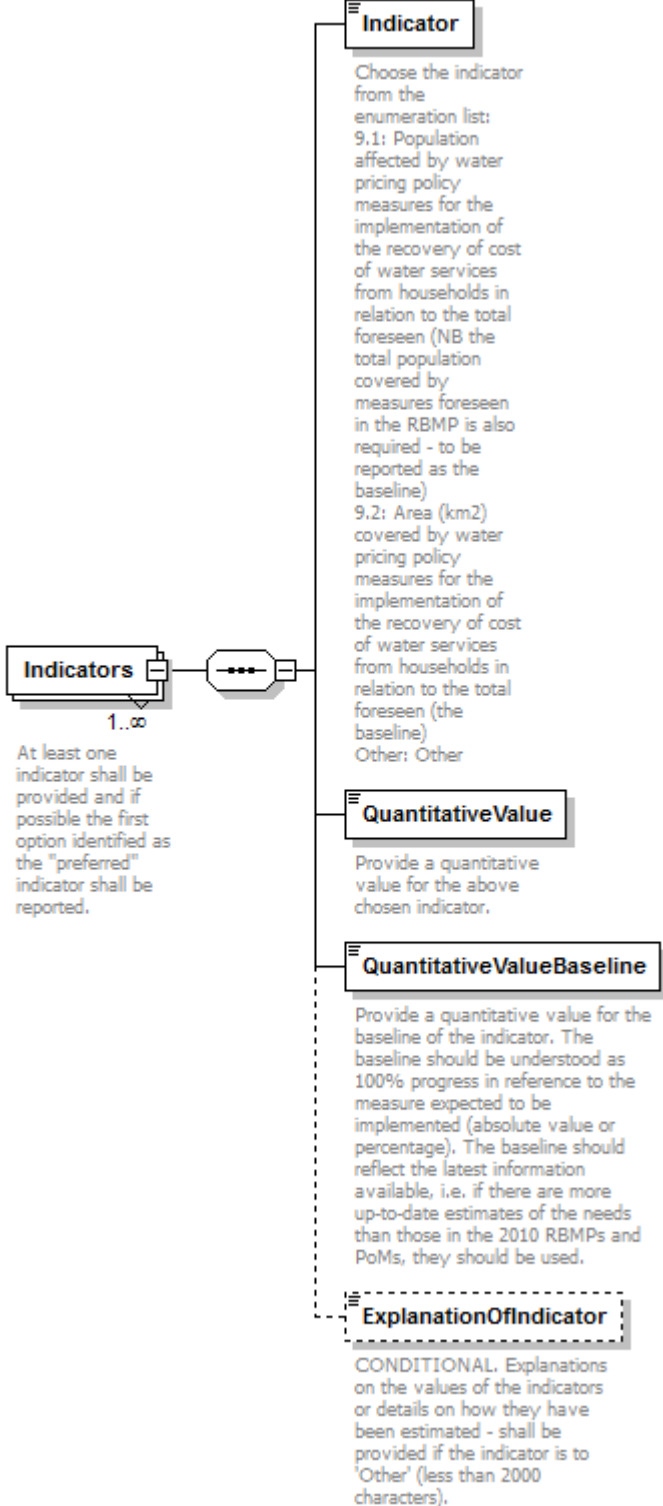
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure9/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

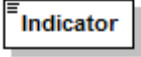
element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure9/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

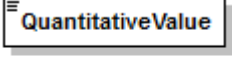
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure9/Indicators**

<p>diagram</p>	 <p><b>Indicators</b> 1..∞</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b></p> <p>Choose the indicator from the enumeration list:  9.1: Population affected by water pricing policy measures for the implementation of the recovery of cost of water services from households in relation to the total foreseen (NB the total population covered by measures foreseen in the RBMP is also required - to be reported as the baseline)  9.2: Area (km2) covered by water pricing policy measures for the implementation of the recovery of cost of water services from households in relation to the total foreseen (the baseline)  Other: Other</p> <p><b>QuantitativeValue</b></p> <p>Provide a quantitative value for the above chosen indicator.</p> <p><b>QuantitativeValueBaseline</b></p> <p>Provide a quantitative value for the baseline of the indicator. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the 2010 RBMPs and PoMs, they should be used.</p> <p><b>ExplanationOfIndicator</b></p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
<p>annotation</p>	<p>documentation</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure9/Indicators/Indicator**

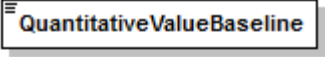
diagram	 <p>Choose the indicator from the enumeration list:</p> <p>9.1: Population affected by water pricing policy measures for the implementation of the recovery of cost of water services from households in relation to the total foreseen (NB the total population covered by measures foreseen in the RBMP is also required - to be reported as the baseline)</p> <p>9.2: Area (km2) covered by water pricing policy measures for the implementation of the recovery of cost of water services from households in relation to the total foreseen (the baseline)</p> <p>Other: Other</p>		
type	<b>KeyTypeOfMeasure9</b>		
facets	Kind	Value	annotation
	enumeration	9.1	
	enumeration	9.2	
	enumeration	Other	
annotation	<p>documentation</p> <p>Choose the indicator from the enumeration list:</p> <p>9.1: Population affected by water pricing policy measures for the implementation of the recovery of cost of water services from households in relation to the total foreseen (NB the total population covered by measures foreseen in the RBMP is also required - to be reported as the baseline)</p> <p>9.2: Area (km2) covered by water pricing policy measures for the implementation of the recovery of cost of water services from households in relation to the total foreseen (the baseline)</p> <p>Other: Other</p>		

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure9/Indicators/QuantitativeValue**

diagram	 <p>Provide a quantitative value for the above chosen indicator.</p>		
annotation	<p>documentation</p> <p>Provide a quantitative value for the above chosen indicator.</p>		

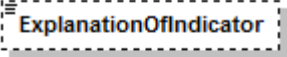
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure9/Indicators/QuantitativeValueBaseline**

diagram	 <p>Provide a quantitative value for the baseline of the indicator. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the 2010 RBMPs and PoMs, they should be used.</p>
type	<b>xs:integer</b>
annotation	<p>documentation</p> <p>Provide a quantitative value for the baseline of the indicator. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the 2010 RBMPs and PoMs, they should be used.</p>

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure9/Indicators/ExplanationOfIndicator**

diagram	 <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	<p>documentation</p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure10**

diagram	<p>The diagram shows the structure of the <b>KeyTypeOfMeasure10</b> element. It is a dashed box containing the text: "Progress in water pricing policy measures for the implementation of the recovery of cost of water services from industry." This box is connected via a mandatory one-to-many relationship (indicated by a solid line with a crow's foot notation) to a group of three elements: <b>LINKBasicMeasureType</b>, <b>LINKSuppAddMeasureType</b>, and <b>Indicators</b>. Each of these three elements is also a dashed box with a plus icon in the top right corner. <b>LINKBasicMeasureType</b> contains the text: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." <b>LINKSuppAddMeasureType</b> contains the text: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." <b>Indicators</b> contains the text: "At least one indicator shall be provided and if possible the first option identified as the 'preferred' indicator shall be reported."</p>
annotation	<p>documentation</p> <p>Progress in water pricing policy measures for the implementation of the recovery of cost of water services from industry.</p>

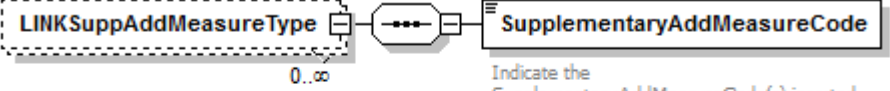
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure10/LINKBasicMeasureType**

diagram	<p>The diagram shows the structure of the <b>LINKBasicMeasureType</b> element. It is a dashed box containing the text: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." This box is connected via a mandatory one-to-many relationship (indicated by a solid line with a crow's foot notation) to the <b>IMP_BasicMeasureArt11_3b_1</b> element, which is a solid box with a plus icon in the top right corner. The <b>IMP_BasicMeasureArt11_3b_1</b> element contains the text: "Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure."</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

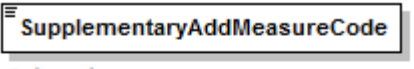
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure10/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	<p>The diagram shows the structure of the <b>IMP_BasicMeasureArt11_3b_1</b> element. It is a solid box with a plus icon in the top right corner, containing the text: "Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure."</p>
annotation	<p>documentation</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure10/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure10/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

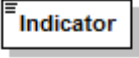
diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure10/Indicators**

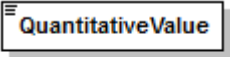
<p>diagram</p>	<p><b>Indicators</b> 1..∞</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b> Choose the indicator from the enumeration list: 10.1: Number of sites affected by water pricing policy measures for the implementation of the recovery of cost of water services from industry in relation to the total foreseen (NB the total number of industrial sites where such water service measures are foreseen in the RBMP is also required - to be reported as the baseline) Other: Other</p> <p><b>QuantitativeValue</b> Provide a quantitative value for the above chosen indicator.</p> <p><b>QuantitativeValueBaseline</b> Provide a quantitative value for the baseline of the indicator. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the RBMPs and PoMs, they should be used.</p> <p><b>ExplanationOfIndicator</b> CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
<p>annotation</p>	<p>documentation At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>



element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure10/Indicators/Indicator**

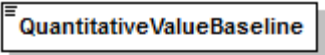
diagram	 <p>Choose the indicator from the enumeration list:  10.1: Number of sites affected by water pricing policy measures for the implementation of the recovery of cost of water services from industry in relation to the total foreseen (NB the total number of industrial sites where such water service measures are foreseen in the RBMP is also required - to be reported as the baseline)  Other: Other</p>		
type	<b>KeyTypeOfMeasure10</b>		
facets	Kind enumeration	Value 10.1 enumeration	annotation Other
annotation	documentation Choose the indicator from the enumeration list: 10.1: Number of sites affected by water pricing policy measures for the implementation of the recovery of cost of water services from industry in relation to the total foreseen (NB the total number of industrial sites where such water service measures are foreseen in the RBMP is also required - to be reported as the baseline) Other: Other		

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure10/Indicators/QuantitativeValue**

diagram	 <p>Provide a quantitative value for the above chosen indicator.</p>		
annotation	documentation Provide a quantitative value for the above chosen indicator.		

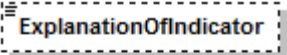
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure10/Indicators/QuantitativeValueBaseline**

diagram	 <p>Provide a quantitative value for the baseline of the indicator. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the RBMPs and PoMs, they should be used.</p>
type	<b>xs:integer</b>
annotation	<p>documentation</p> <p>Provide a quantitative value for the baseline of the indicator. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the RBMPs and PoMs, they should be used.</p>

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure10/Indicators/ExplanationOfIndicator**

diagram	 <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	<p>documentation</p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure11**

diagram	
annotation	<p>documentation</p> <p>Progress in water pricing policy measures for the implementation of the recovery of cost of water services from agriculture.</p>

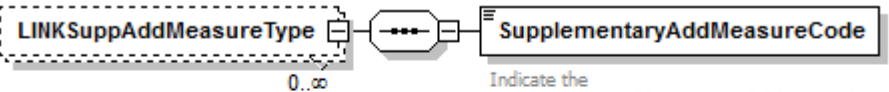
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure11/LINKBasicMeasureType**

diagram	
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

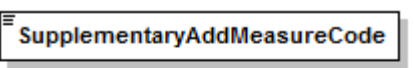
element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure11/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	
annotation	<p>documentation</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure11/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure11/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure11/Indicators**

diagram	<p><b>Indicators</b> 1..∞ At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b> Choose the indicator from the enumeration list: 11.1: Area (km2) affected by water pricing policy measures for the implementation of the recovery of cost of water services from agriculture in relation to the total foreseen (NB the total area where such water service measures are foreseen in the RBMP is also required - to be reported as the baseline) Other: Other</p> <p><b>QuantitativeValue</b> Provide a quantitative value for the above chosen indicator.</p> <p><b>QuantitativeValueBaseline</b> Provide a quantitative value for the baseline of the indicator. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the RBMPs and PoMs, they should be used.</p> <p><b>ExplanationOfIndicator</b> CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
annotation	<p>documentation</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure11/Indicators/Indicator**

diagram			
type	<b>KeyTypeOfMeasure11</b>		
facets	Kind	Value	annotation
	enumeration	11.1	
	enumeration	Other	
annotation	documentation Choose the indicator from the enumeration list: 11.1: Area (km2) affected by water pricing policy measures for the implementation of the recovery of cost of water services from agriculture in relation to the total foreseen (NB the total area where such water service measures are foreseen in the RBMP is also required - to be reported as the baseline) Other: Other		

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure11/Indicators/QuantitativeValue**

diagram			
annotation	documentation Provide a quantitative value for the above chosen indicator.		

element


**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure11/Indicators/QuantitativeValueBaseline**

diagram			
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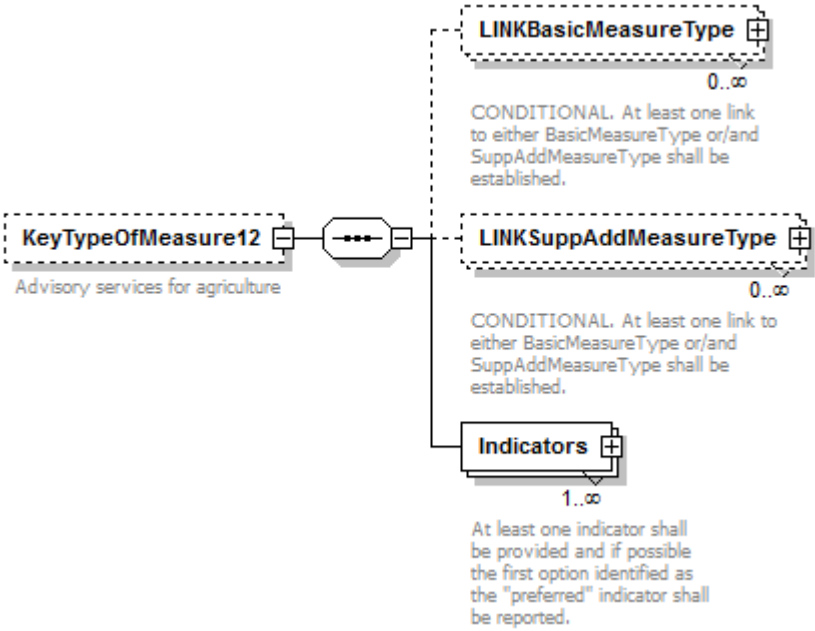
type	<b>xs:integer</b>
annotation	documentation Provide a quantitative value for the baseline of the indicator. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the RBMPs and PoMs, they should be used.

element

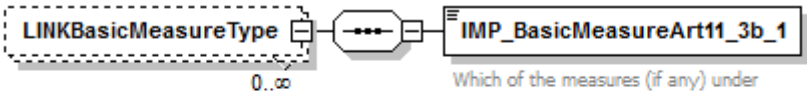
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure11/Indicators/ExplanationOfIndicator**

diagram	 <p><b>ExplanationOfIndicator</b></p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	documentation CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).

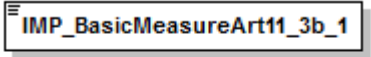
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12**

diagram	 <p><b>KeyTypeOfMeasure12</b></p> <p>Advisory services for agriculture</p> <p><b>LINKBasicMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>LINKSuppAddMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>Indicators</b> 1..∞</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>
annotation	documentation Advisory services for agriculture

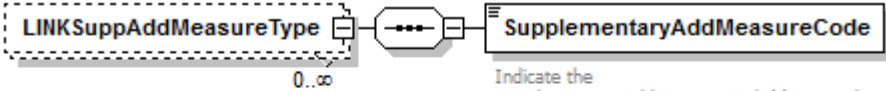
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12/LINKBasicMeasureType**

diagram	 <p>0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

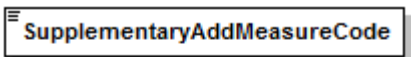
element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	 <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12/LINKSuppAddMeasureType**

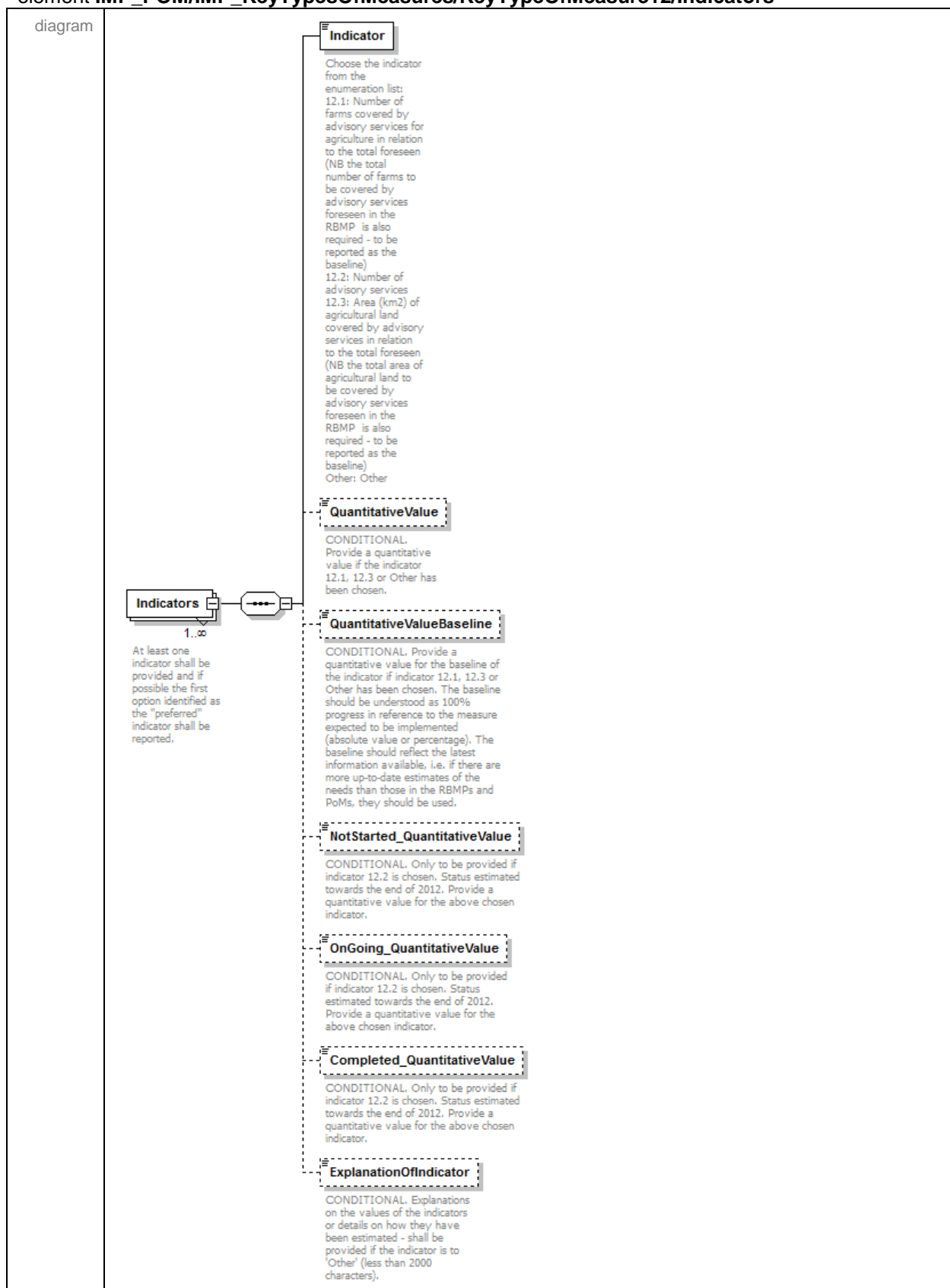
diagram	 <p>0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

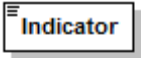


element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12/Indicators**



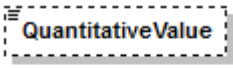
annotation	documentation At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.
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element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12/Indicators/Indicator**

diagram	 <p>Choose the indicator from the enumeration list:</p> <p>12.1: Number of farms covered by advisory services for agriculture in relation to the total foreseen (NB the total number of farms to be covered by advisory services foreseen in the RBMP is also required - to be reported as the baseline)</p> <p>12.2: Number of advisory services</p> <p>12.3: Area (km2) of agricultural land covered by advisory services in relation to the total foreseen (NB the total area of agricultural land to be covered by advisory services foreseen in the RBMP is also required - to be reported as the baseline)</p> <p>Other: Other</p>		
type	<b>KeyTypeOfMeasure12</b>		
facets	Kind	Value	annotation
	enumeration	12.1	
	enumeration	12.2	
	enumeration	12.3	
	enumeration	Other	
annotation	<p>documentation</p> <p>Choose the indicator from the enumeration list:</p> <p>12.1: Number of farms covered by advisory services for agriculture in relation to the total foreseen (NB the total number of farms to be covered by advisory services foreseen in the RBMP is also required - to be reported as the baseline)</p> <p>12.2: Number of advisory services</p> <p>12.3: Area (km2) of agricultural land covered by advisory services in relation to the total foreseen (NB the total area of agricultural land to be covered by advisory services foreseen in the RBMP is also required - to be reported as the baseline)</p> <p>Other: Other</p>		


element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12/Indicators/QuantitativeValue**

diagram	 <p>CONDITIONAL. Provide a quantitative value if the indicator 12.1, 12.3 or Other has been chosen.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. Provide a quantitative value if the indicator 12.1, 12.3 or Other has been chosen.</p>

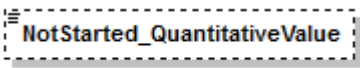
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12/Indicators/QuantitativeValueBaseline**

diagram	 <p>CONDITIONAL. Provide a quantitative value for the baseline of the indicator if indicator 12.1, 12.3 or Other has been chosen. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the RBMPs and PoMs, they should be used.</p>
type	<b>xs:integer</b>
annotation	<p>documentation</p> <p>CONDITIONAL. Provide a quantitative value for the baseline of the indicator if indicator 12.1, 12.3 or Other has been chosen. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the RBMPs and PoMs, they should be used.</p>

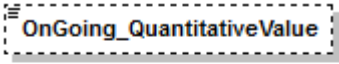
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12/Indicators/NotStarted\_QuantitativeValue**

diagram	 <p>CONDITIONAL. Only to be provided if indicator 12.2 is chosen. Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. Only to be provided if indicator 12.2 is chosen. Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

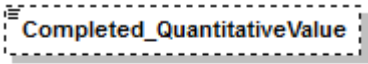
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12/Indicators/OnGoing\_QuantitativeValue**

diagram	 <p>CONDITIONAL. Only to be provided if indicator 12.2 is chosen. Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. Only to be provided if indicator 12.2 is chosen. Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

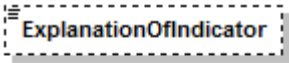
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12/Indicators/Completed\_QuantitativeValue**

diagram	 <p>CONDITIONAL. Only to be provided if indicator 12.2 is chosen. Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. Only to be provided if indicator 12.2 is chosen. Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure12/Indicators/ExplanationOfIndicator**

diagram	 <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	<p>documentation</p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure13**

diagram	<p>The diagram shows the structure of the <b>KeyTypeOfMeasure13</b> element. It is a dashed box containing the text: "Drinking water protection measures (e.g. establishment of safeguard zones, buffer zones etc).". To its right is a solid box labeled <b>Indicators</b> with a multiplicity of 1..∞ and the text: "At least one indicator shall be provided and if possible the first option identified as the 'preferred' indicator shall be reported." Above the <b>Indicators</b> box are two dashed boxes: <b>LINKBasicMeasureType</b> (multiplicity 0..∞) and <b>LINKSuppAddMeasureType</b> (multiplicity 0..∞). Both have the text: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." A central connector box with three dots is connected to the <b>KeyTypeOfMeasure13</b> box and the <b>Indicators</b> box.</p>
annotation	<p>documentation Drinking water protection measures (e.g. establishment of safeguard zones, buffer zones etc).</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure13/LINKBasicMeasureType**

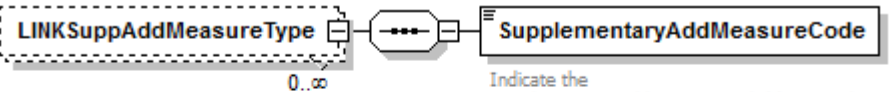
diagram	<p>The diagram shows the structure of the <b>LINKBasicMeasureType</b> element. It is a dashed box containing the text: "CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established." To its right is a solid box labeled <b>IMP_BasicMeasureArt11_3b_1</b> with the text: "Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure." A central connector box with three dots is connected to the <b>LINKBasicMeasureType</b> box and the <b>IMP_BasicMeasureArt11_3b_1</b> box.</p>
annotation	<p>documentation CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element

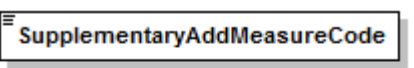
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure13/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	<p>The diagram shows the structure of the <b>IMP_BasicMeasureArt11_3b_1</b> element. It is a solid box containing the text: "Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure."</p>
annotation	<p>documentation Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

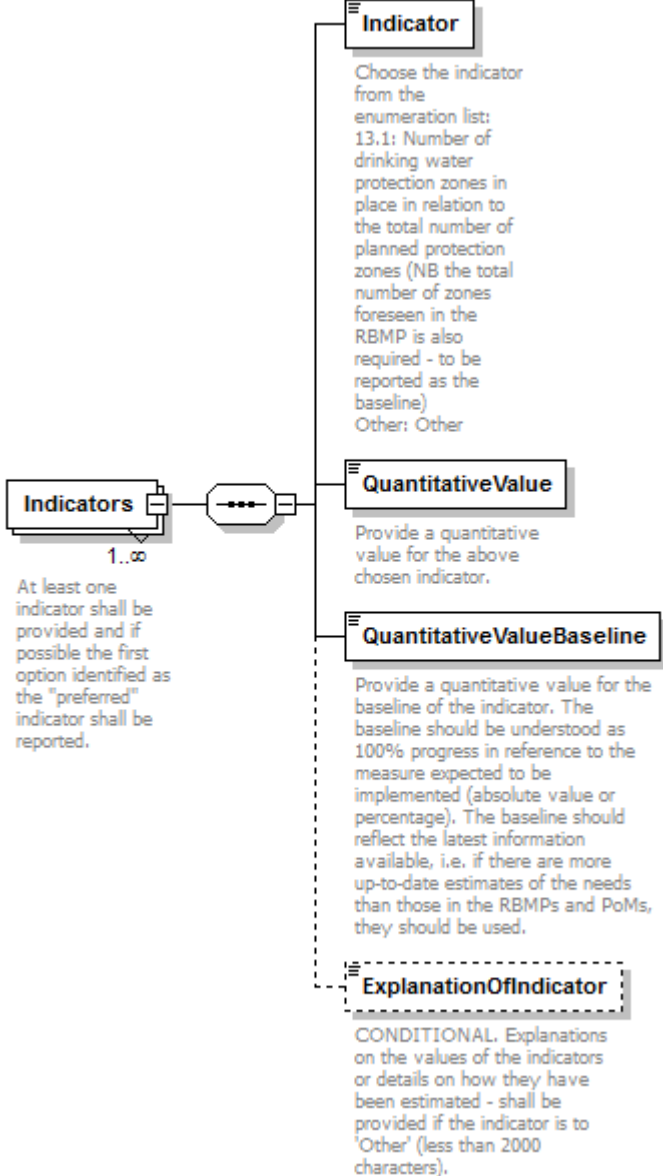
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure13/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

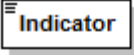
element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure13/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure13/Indicators**

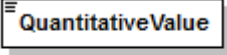
<p>diagram</p>	 <p><b>Indicator</b></p> <p>Choose the indicator from the enumeration list:  13.1: Number of drinking water protection zones in place in relation to the total number of planned protection zones (NB the total number of zones foreseen in the RBMP is also required - to be reported as the baseline)  Other: Other</p> <p><b>Indicators</b>  1..∞  At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>QuantitativeValue</b></p> <p>Provide a quantitative value for the above chosen indicator.</p> <p><b>QuantitativeValueBaseline</b></p> <p>Provide a quantitative value for the baseline of the indicator. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the RBMPs and PoMs, they should be used.</p> <p><b>ExplanationOfIndicator</b></p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
<p>annotation</p>	<p>documentation  At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure13/Indicators/Indicator**

diagram	 <p>Choose the indicator from the enumeration list:  13.1: Number of drinking water protection zones in place in relation to the total number of planned protection zones (NB the total number of zones foreseen in the RBMP is also required - to be reported as the baseline)  Other: Other</p>		
type	<b>KeyTypeOfMeasure13</b>		
facets	Kind	Value	annotation
	enumeration	13.1	
	enumeration	Other	
annotation	documentation Choose the indicator from the enumeration list: 13.1: Number of drinking water protection zones in place in relation to the total number of planned protection zones (NB the total number of zones foreseen in the RBMP is also required - to be reported as the baseline) Other: Other		


element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure13/Indicators/QuantitativeValue**

diagram	 <p>Provide a quantitative value for the above chosen indicator.</p>		
annotation	documentation Provide a quantitative value for the above chosen indicator.		

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure13/Indicators/QuantitativeValueBaseline**

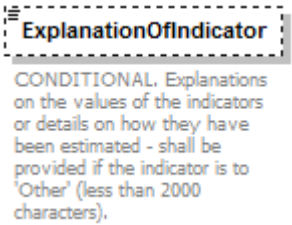
diagram	 <p>Provide a quantitative value for the baseline of the indicator. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the RBMPs and PoMs, they should be used.</p>		
type	<b>xs:integer</b>		
annotation	documentation Provide a quantitative value for the baseline of the indicator. The baseline should be understood as 100%		



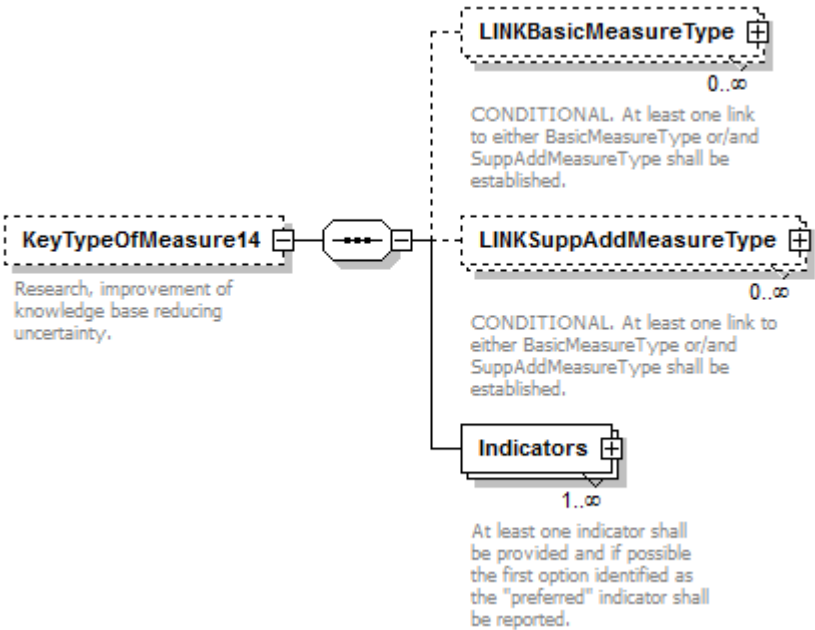
	progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the RBMPs and PoMs, they should be used.
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element

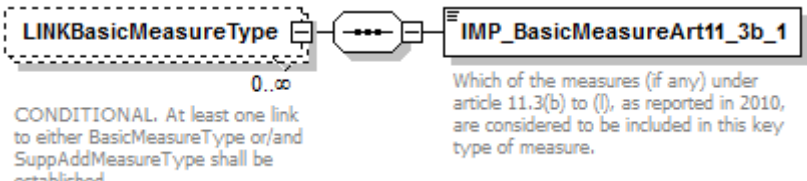
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure13/Indicators/ExplanationOfIndicator**

diagram	 <p><b>ExplanationOfIndicator</b></p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	documentation CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure14**

diagram	 <p><b>KeyTypeOfMeasure14</b></p> <p>Research, improvement of knowledge base reducing uncertainty.</p> <p><b>LINKBasicMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>LINKSuppAddMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>Indicators</b> 1..∞</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>
annotation	documentation Research, improvement of knowledge base reducing uncertainty.

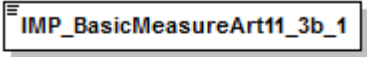
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure14/LINKBasicMeasureType**

diagram	 <p><b>LINKBasicMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>IMP_BasicMeasureArt11_3b_1</b></p> <p>Which of the measures (if any) under article 11.3(b) to (j), as reported in 2010, are considered to be included in this key type of measure.</p>
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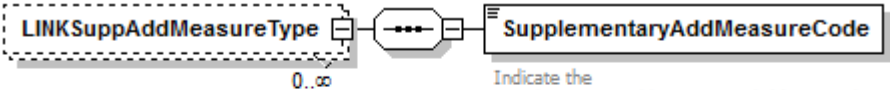
annotation	documentation CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.
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element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure14/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

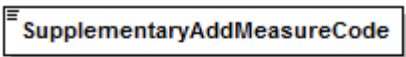
diagram	 <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	documentation Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure14/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	documentation CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure14/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	documentation Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure14/Indicators**

diagram	<p><b>Indicators</b> 1..∞ At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b> Choose the indicator from the enumeration list: 14.1: Estimated Total Costs (€) of the research studies, development and demonstration projects 14.2: Number of the research studies, development and demonstration projects Other: Other</p> <p><b>NotStarted_QuantitativeValue</b> Status estimated towards the end of 2012, Provide a quantitative value for the above chosen indicator.</p> <p><b>OnGoing_QuantitativeValue</b> Status estimated towards the end of 2012, Provide a quantitative value for the above chosen indicator.</p> <p><b>Completed_QuantitativeValue</b> Status estimated towards the end of 2012, Provide a quantitative value for the above chosen indicator.</p> <p><b>ExplanationOfIndicator</b> CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
annotation	<p>documentation</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

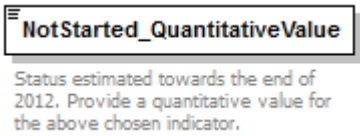
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure14/Indicators/Indicator**

diagram	<div><div><div>Indicator</div></div><div>Choose the indicator from the enumeration list: 14.1: Estimated Total Costs (€) of the research studies, development and demonstration projects 14.2: Number of the research studies, development and demonstration projects Other: Other</div></div>									
type	KeyTypeOfMeasure14									
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>14.1</td><td></td></tr><tr><td>enumeration</td><td>14.2</td><td></td></tr></table>	Kind	Value	annotation	enumeration	14.1		enumeration	14.2	
Kind	Value	annotation								
enumeration	14.1									
enumeration	14.2									

	enumeration Other
annotation	documentation Choose the indicator from the enumeration list: 14.1: Estimated Total Costs (€) of the research studies, development and demonstration projects 14.2: Number of the research studies, development and demonstration projects Other: Other

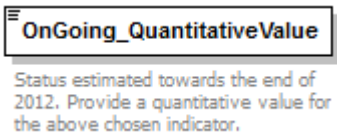
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure14/Indicators/NotStarted\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

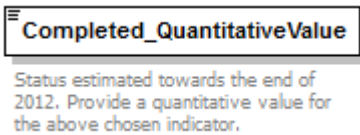
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure14/Indicators/OnGoing\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

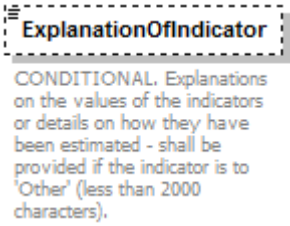
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure14/Indicators/Completed\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure14/Indicators/ExplanationOfIndicator**

diagram	 <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>

annotation	documentation CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).
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element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure15**

diagram	
annotation	documentation Measures for the phasing-out of emissions, discharges and losses of priority hazardous substances or for the reduction of emissions, discharges and losses of priority substances.

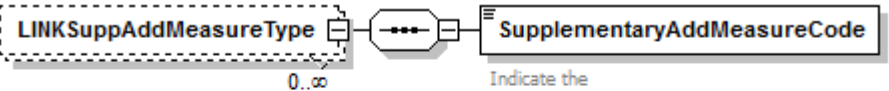
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure15/LINKBasicMeasureType**

diagram	
annotation	documentation CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.

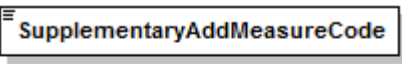
element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure15/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	
annotation	documentation Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure15/LINKSuppAddMeasureType**

diagram	 <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure15/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure15/Indicators**

diagram	<p><b>Indicators</b></p> <p>1..∞</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b></p> <p>Choose the indicator from the enumeration list:  15.1: Number of permits issued or updated  15.2: Number of projects/measures  15.3: Estimated Total Costs (€) of the measures  Other: Other</p> <p><b>NotStarted_QuantitativeValue</b></p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>PlanningOnGoing_QuantitativeV...</b></p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ConstructionOnGoing_Quantitati...</b></p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>Completed_QuantitativeValue</b></p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ExplanationOfIndicator</b></p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
annotation	<p>documentation</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

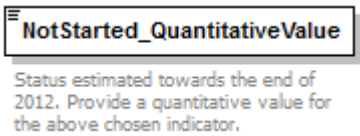
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure15/Indicators/Indicator**

diagram	<p><b>Indicator</b></p> <p>Choose the indicator from the enumeration list:  15.1: Number of permits issued or updated  15.2: Number of projects/measures  15.3: Estimated Total Costs (€) of the measures  Other: Other</p>
type	<b>KeyTypeOfMeasure15</b>
facets	Kind Value annotation

	<p>enumeration 15.1</p> <p>enumeration 15.2</p> <p>enumeration 15.3</p> <p>enumeration Other</p>
annotation	<p>documentation</p> <p>Choose the indicator from the enumeration list:</p> <p>15.1: Number of permits issued or updated</p> <p>15.2: Number of projects/measures</p> <p>15.3: Estimated Total Costs (€) of the measures</p> <p>Other: Other</p>

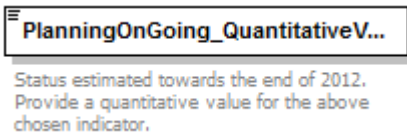
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure15/Indicators/NotStarted\_QuantitativeValue**

diagram	
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure15/Indicators/PlanningOnGoing\_QuantitativeValue**

diagram	
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

element

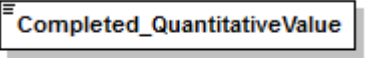
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure15/Indicators/ConstructionOnGoing\_QuantitativeValue**

diagram	
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>




element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure15/Indicators/Completed\_Quantitative Value**

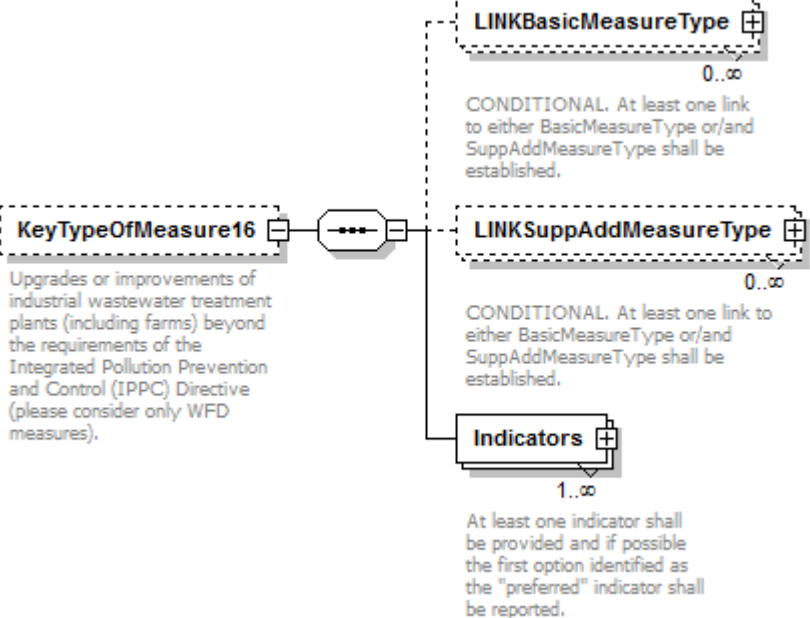
diagram	 <p>Completed_QuantitativeValue</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>

element

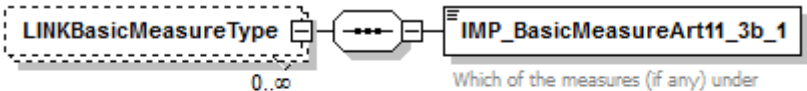
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure15/Indicators/ExplanationOfIndicator**

diagram	 <p>ExplanationOfIndicator</p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	<p>documentation</p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>

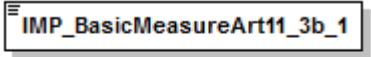
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure16**

diagram	 <p><b>KeyTypeOfMeasure16</b></p> <p>Upgrades or improvements of industrial wastewater treatment plants (including farms) beyond the requirements of the Integrated Pollution Prevention and Control (IPPC) Directive (please consider only WFD measures).</p> <p><b>LINKBasicMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>LINKSuppAddMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p><b>Indicators</b> 1..∞</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>
annotation	<p>documentation</p> <p>Upgrades or improvements of industrial wastewater treatment plants (including farms) beyond the requirements of the Integrated Pollution Prevention and Control (IPPC) Directive (please consider only WFD measures).</p>

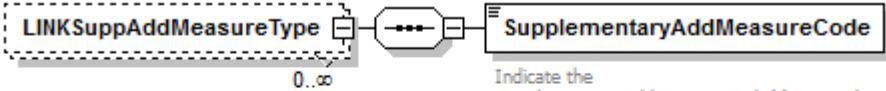
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure16/LINKBasicMeasureType**

diagram	 <p>0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

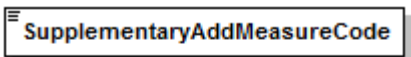
element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure16/LINKBasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	 <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure16/LINKSuppAddMeasureType**

diagram	 <p>0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established.</p>

element  
**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure16/LINKSuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>

element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure16/Indicators**

diagram	<p><b>Indicators</b> 1..∞ At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p> <p><b>Indicator</b> Choose the indicator from the enumeration list: 16.1: Number of projects/measures 16.2: Estimated Total Costs (€) of the measures Other: Other</p> <p><b>NotStarted_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>PlanningOnGoing_QuantitativeV...</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ConstructionOnGoing_Quantitati...</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>Completed_QuantitativeValue</b> Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p> <p><b>ExplanationOfIndicator</b> CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
annotation	<p>documentation</p> <p>At least one indicator shall be provided and if possible the first option identified as the "preferred" indicator shall be reported.</p>

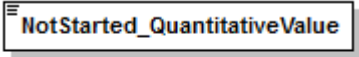
element **IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure16/Indicators/Indicator**

diagram	<div><div><div>Indicator</div></div><p>Choose the indicator from the enumeration list: 16.1: Number of projects/measures 16.2: Estimated Total Costs (€) of the measures Other: Other</p></div>												
type	KeyTypeOfMeasure16												
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>16.1</td><td></td></tr><tr><td>enumeration</td><td>16.2</td><td></td></tr><tr><td>enumeration</td><td>Other</td><td></td></tr></table>	Kind	Value	annotation	enumeration	16.1		enumeration	16.2		enumeration	Other	
Kind	Value	annotation											
enumeration	16.1												
enumeration	16.2												
enumeration	Other												

annotation	documentation Choose the indicator from the enumeration list: 16.1: Number of projects/measures 16.2: Estimated Total Costs (€) of the measures Other: Other
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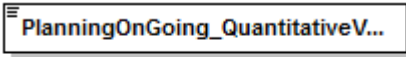
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure16/Indicators/NotStarted\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure16/Indicators/PlanningOnGoing\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

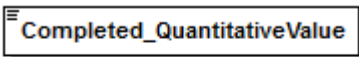
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure16/Indicators/ConstructionOnGoing\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.


element

**IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure16/Indicators/Completed\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.</p>
annotation	documentation Status estimated towards the end of 2012. Provide a quantitative value for the above chosen indicator.

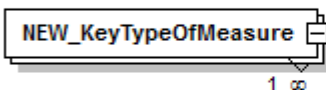
element

IMP\_POM/IMP\_KeyTypesOfMeasures/KeyTypeOfMeasure16/Indicators/ExplanationOfIndicator

diagram	 <p><b>ExplanationOfIndicator</b></p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>
type	String2000Type
annotation	<p>documentation</p> <p>CONDITIONAL. Explanations on the values of the indicators or details on how they have been estimated - shall be provided if the indicator is to 'Other' (less than 2000 characters).</p>

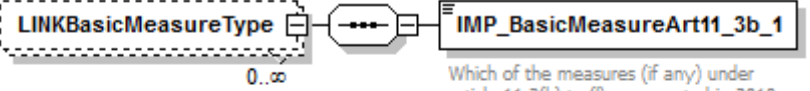
element

IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure

diagram	 <p><b>NEW_KeyTypeOfMeasure</b></p> <p>1..∞</p> <p><b>LINKBasicMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established. The link to a basic measure type can be ignored if the measure not has been reported in Programme of Measures in 2010.</p> <p><b>LINKSuppAddMeasureType</b> 0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established. The link to a supplementary additional measure type can be ignored if the measure not has been reported in Programme of Measures in 2010.</p> <p><b>KeyTypeMeasureName</b></p> <p>Provide a name of the new defined key type measure (less than 100 characters)</p> <p><b>KeyTypeMeasureDescription</b></p> <p>Description of the new defined key type measure (less than 2000 characters).</p> <p><b>Indicators</b> 1..∞</p> <p>At least one indicator shall be provided.</p>
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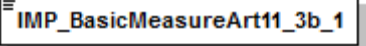
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/LINK  
BasicMeasureType**

diagram	 <p>0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established. The link to a basic measure type can be ignored if the measure not has been reported in Programme of Measures in 2010.</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established. The link to a basic measure type can be ignored if the measure not has been reported in Programme of Measures in 2010.</p>

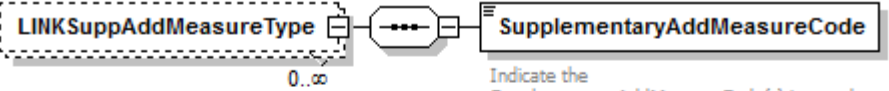
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/LINK  
BasicMeasureType/IMP\_BasicMeasureArt11\_3b\_1**

diagram	 <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>Which of the measures (if any) under article 11.3(b) to (l), as reported in 2010, are considered to be included in this key type of measure.</p>

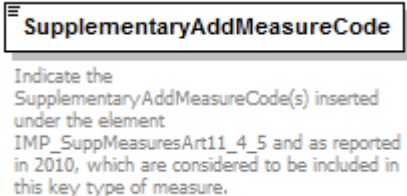
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/LINK  
SuppAddMeasureType**

diagram	 <p>0..∞</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established. The link to a supplementary additional measure type can be ignored if the measure not has been reported in Programme of Measures in 2010.</p> <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either BasicMeasureType or/and SuppAddMeasureType shall be established. The link to a supplementary additional measure type can be ignored if the measure not has been reported in Programme of Measures in 2010.</p>

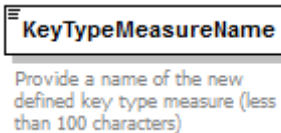
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/LINK  
SuppAddMeasureType/SupplementaryAddMeasureCode**

diagram	 <p>Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.</p>
annotation	documentation Indicate the SupplementaryAddMeasureCode(s) inserted under the element IMP_SuppMeasuresArt11_4_5 and as reported in 2010, which are considered to be included in this key type of measure.

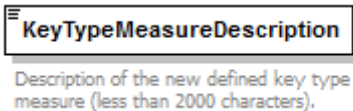
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Key  
TypeMeasureName**

diagram	 <p>Provide a name of the new defined key type measure (less than 100 characters)</p>
type	<b>String100Type</b>
annotation	documentation Provide a name of the new defined key type measure (less than 100 characters)

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Key  
TypeMeasureDescription**

diagram	 <p>Description of the new defined key type measure (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	documentation Description of the new defined key type measure (less than 2000 characters).

element

IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Indicators

diagram	
annotation	<p>documentation</p> <p>At least one indicator shall be provided.</p>

element

IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Indicators/Indicator

diagram	
type	String100Type
annotation	<p>documentation</p> <p>Provide a name of the new defined indicator (less than 100 characters)</p>

element

IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Indicators/ExplanationOfIndicator

diagram	
type	String2000Type
annotation	<p>documentation</p> <p>Explanations on the values of the indicators or details on how they have been estimated (less than 2000)</p>



	characters).
--	--------------

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Indicators/QuantitativeValueNotStartedOngoingCompleted**

diagram	
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012 where the appropriate figures Not started, On-going, planning on-going, construction on-going and completed shall be reported.</p>

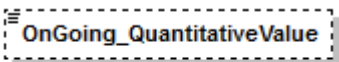
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Indicators/QuantitativeValueNotStartedOngoingCompleted/NotStarted\_QuantitativeValue**

diagram	
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the indicator.</p>

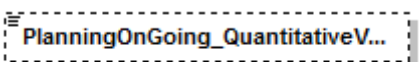
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Indicators/QuantitativeValueNotStartedOngoingCompleted/OnGoing\_QuantitativeValue**

diagram	 <p>CONDITIONAL. At least one of the quantitative values OnGoing, PlanningOnGoing and/or ConstructionOnGoing should be reported. Status estimated towards the end of 2012. Provide a quantitative value for the indicator.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one of the quantitative values OnGoing, PlanningOnGoing and/or ConstructionOnGoing should be reported. Status estimated towards the end of 2012. Provide a quantitative value for the indicator.</p>

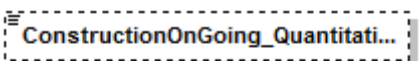
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Indicators/QuantitativeValueNotStartedOngoingCompleted/PlanningOnGoing\_QuantitativeValue**

diagram	 <p>CONDITIONAL. At least one of the quantitative values OnGoing, PlanningOnGoing and/or ConstructionOnGoing should be reported. Status estimated towards the end of 2012. Provide a quantitative value for the indicator.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one of the quantitative values OnGoing, PlanningOnGoing and/or ConstructionOnGoing should be reported. Status estimated towards the end of 2012. Provide a quantitative value for the indicator.</p>

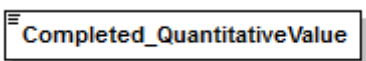
element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Indicators/QuantitativeValueNotStartedOngoingCompleted/ConstructionOnGoing\_QuantitativeValue**

diagram	 <p>CONDITIONAL. At least one of the quantitative values OnGoing, PlanningOnGoing and/or ConstructionOnGoing should be reported. Status estimated towards the end of 2012. Provide a quantitative value for the indicator.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one of the quantitative values OnGoing, PlanningOnGoing and/or ConstructionOnGoing should be reported. Status estimated towards the end of 2012. Provide a quantitative value for the indicator.</p>

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Indicators/QuantitativeValueNotStartedOngoingCompleted/Completed\_QuantitativeValue**

diagram	 <p>Status estimated towards the end of 2012. Provide a quantitative value for the indicator.</p>
annotation	<p>documentation</p>

	Status estimated towards the end of 2012. Provide a quantitative value for the indicator.
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element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Indicators/QuantitativeValueandBaseline**

diagram	
annotation	<p>documentation</p> <p>The quantitative value estimated towards the end of 2012 and a baseline should be reported in order to get an indication of the progress.</p>

element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Indicators/QuantitativeValueandBaseline/QuantitativeValue**

diagram	
annotation	<p>documentation</p> <p>Status estimated towards the end of 2012. Provide a quantitative value for the indicator.</p>


element

**IMP\_POM/IMP\_KeyTypesOfMeasures/NEW\_KeyTypeOfMeasures/NEW\_KeyTypeOfMeasure/Indicators/QuantitativeValueandBaseline/QuantitativeValueBaseline**

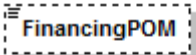
diagram	
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annotation	documentation Provide a quantitative value for the baseline of the indicator. The baseline should be understood as 100% progress in reference to the measure expected to be implemented (absolute value or percentage). The baseline should reflect the latest information available, i.e. if there are more up-to-date estimates of the needs than those in the 2009 RBMPs and PoMs, they should be used.
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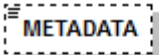
element **IMP\_POM/OverallProgressImplementation**

diagram	 <p>Brief summary of the overall progress in implementing the POMs including the main obstacles and achievements (less than 5000 characters).</p>
type	<b>String5000Type</b>
annotation	documentation Brief summary of the overall progress in implementing the POMs including the main obstacles and achievements (less than 5000 characters).


element **IMP\_POM/FinancingPOM**

diagram	 <p>Brief summary on how the measures are being financed, main achievements, progress and obstacles in securing the budget for the POMs. Figures on the overall budget allocation and/or expenditure should be given if available, as well as information on the use of EU funds (less than 5000 characters).</p>
type	<b>String5000Type</b>
annotation	documentation Brief summary on how the measures are being financed, main achievements, progress and obstacles in securing the budget for the POMs. Figures on the overall budget allocation and/or expenditure should be given if available, as well as information on the use of EU funds (less than 5000 characters).


element **IMP\_POM/METADATA**

diagram	 <p>Hyperlink or reference to associated metadata statement or file. For the minimum metadata attributes to be included for each XML file please see section 2.2.7 of the Schema User Guide</p>
type	<b>String2000Type</b>
annotation	documentation Hyperlink or reference to associated metadata statement or file. For the minimum metadata attributes to be included for each XML file please see section 2.2.7 of the Schema User Guide

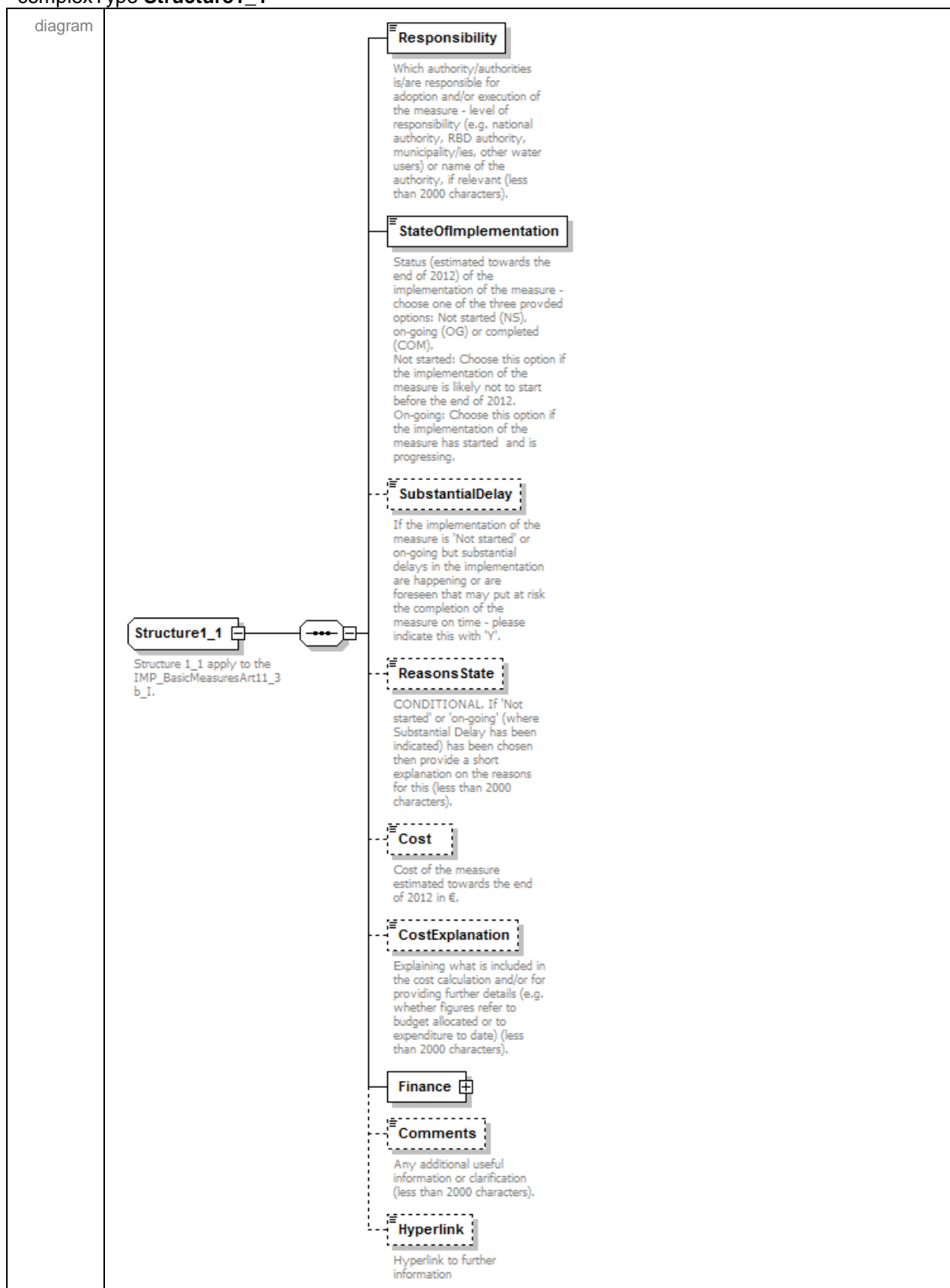
element **IMP\_POM/URL**

diagram	 <p>URL for integration of your own internet-based information</p>
type	<b>xs:anyURI</b>
annotation	<p>documentation</p> <p>URL for integration of your own internet-based information</p>

complexType **LinkToMeasureTypes**

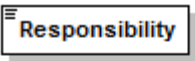
diagram	 <p>CONDITIONAL. At least one link to either IMP_BasicMeasureArt11_3b_1 or/and SupplementaryAddMeasureCode (IMP_SuppMeasuresArt11_4_5) shall be established.</p>
annotation	<p>documentation</p> <p>CONDITIONAL. At least one link to either IMP_BasicMeasureArt11_3b_1 or/and SupplementaryAddMeasureCode (IMP_SuppMeasuresArt11_4_5) shall be established.</p>

## complexType Structure1\_1



annotation	documentation Structure 1_1 apply to the IMP_BasicMeasuresArt11_3b_I.
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#### element **Structure1\_1/Responsibility**

diagram	 <p>Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	documentation Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).


#### element **Structure1\_1/StateOfImplementation**

diagram	<div><div><div>☰</div><div>StateOfImplementation</div></div><p>Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</p></div>												
type	StateOfImplementation												
facets	<table><tr><th>Kind</th><th>Value</th><th>annotation</th></tr><tr><td>enumeration</td><td>NS</td><td></td></tr><tr><td>enumeration</td><td>OG</td><td></td></tr><tr><td>enumeration</td><td>COM</td><td></td></tr></table>	Kind	Value	annotation	enumeration	NS		enumeration	OG		enumeration	COM	
Kind	Value	annotation											
enumeration	NS												
enumeration	OG												
enumeration	COM												
annotation	<p>documentation</p> <p>Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</p>												


element **Structure1\_1/SubstantialDelay**

diagram	<div><div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div></div></div></div><div><b>SubstantialDelay</b></div></div><p>If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with "Y".</p></div></div>						
type	<b>YesCode</b>						
facets	<table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>enumeration</td><td>Y</td><td></td></tr></table>	Kind	Value	annotation	enumeration	Y	
Kind	Value	annotation					
enumeration	Y						
annotation	<p>documentation</p> <p>If the implementation of the measure is 'Not started' or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</p>						

element **Structure1\_1/ReasonsState**

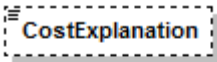
diagram	 <p>CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	<p>documentation</p> <p>CONDITIONAL. If 'Not started' or 'on-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</p>

element **Structure1\_1/Cost**

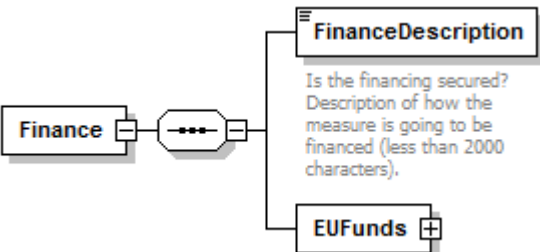
diagram	 <p>Cost of the measure estimated towards the end of 2012 in €.</p>
type	<b>xs:decimal</b>
annotation	<p>documentation</p> <p>Cost of the measure estimated towards the end of 2012 in €.</p>



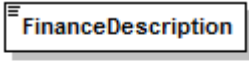
element **Structure1\_1/CostExplanation**

diagram	 <p>Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	<p>documentation</p> <p>Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</p>

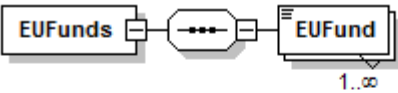
element **Structure1\_1/Finance**

diagram	 <p>Is the financing secured? Description of how the measure is going to be financed (less than 2000 characters).</p> <p><b>EUFunds</b> +</p>
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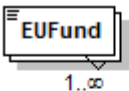
element **Structure1\_1/Finance/FinanceDescription**

diagram	 <p>Is the financing secured? Description of how the measure is going to be financed (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	<p>documentation</p> <p>Is the financing secured? Description of how the measure is going to be financed (less than 2000 characters).</p>


element **Structure1\_1/Finance/EUFunds**

diagram	 <p>1..∞</p> <p>Indicate if EU funds are involved and which type (S=Structural, C=Cohesion, RD=Rural Development, F=Fisheries, L=LIFE+, RTD=RTD, Other=others, Not Applicable=NA)</p>
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element **Structure1\_1/Finance/EUFunds/EUFund**

diagram	 <p>1..∞</p> <p>Indicate if EU funds are involved and which type (S=Structural, C=Cohesion, RD=Rural Development, F=Fisheries, L=LIFE+, RTD=RTD, Other=others, Not Applicable=NA)</p>		
type	<b>EUFunds</b>		
facets	Kind	Value	annotation
	enumeration	S	
	enumeration	C	
	enumeration	RD	
	enumeration	F	
	enumeration	L	
	enumeration	RTD	
	enumeration	Other	
	enumeration	NA	
annotation	documentation Indicate if EU funds are involved and which type (S=Structural, C=Cohesion, RD=Rural Development, F=Fisheries, L=LIFE+, RTD=RTD, Other=others, Not Applicable=NA)		

element **Structure1\_1/Comments**

diagram	 <p>Any additional useful information or clarification (less than 2000 characters).</p>		
type	<b>String2000Type</b>		
annotation	documentation Any additional useful information or clarification (less than 2000 characters).		


element **Structure1\_1/Hyperlink**

diagram	 <p>Hyperlink to further information</p>		
annotation	documentation Hyperlink to further information		

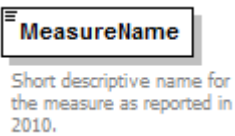
## complexType Structure1\_2

<p>diagram</p>	<p><b>SupplementaryAddMeasureCode</b> A unique code for the measure as reported in 2010.</p> <p><b>MeasureName</b> Short descriptive name for the measure as reported in 2010.</p> <p><b>MeasureDescription</b> Description of the measure as reported in 2010 (less than 2000 characters).</p> <p><b>Responsibility</b> Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).</p> <p><b>StateOfImplementation</b> Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM). Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012. On-going: Choose this option if the implementation of the measure has started and is progressing.</p> <p><b>Structure1_2</b> Structure 1_2 apply to the IMP_SuppMeasuresArt11_4_5.</p> <p><b>SubstantialDelay</b> If the implementation of the measure is not started or on-going but substantial delays in the implementation are happening or are foreseen that may put at risk the completion of the measure on time - please indicate this with 'Y'.</p> <p><b>Reasons State</b> CONDITIONAL. If 'Not started' or 'On-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</p> <p><b>Cost</b> Cost of the measure estimated towards the end of 2012 in €.</p> <p><b>CostExplanation</b> Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</p> <p><b>Finance</b></p> <p><b>Comments</b> Any additional useful information or clarification (less than 2000 characters).</p> <p><b>Hyperlink</b> Hyperlink to further information</p>
<p>annotation</p>	<p>documentation Structure 1_2 apply to the IMP_SuppMeasuresArt11_4_5.</p>

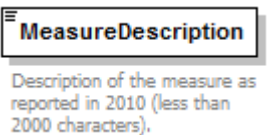
element **Structure1\_2/SupplementaryAddMeasureCode**

diagram	
type	<b>String50Type</b>
annotation	documentation A unique code for the measure as reported in 2010.

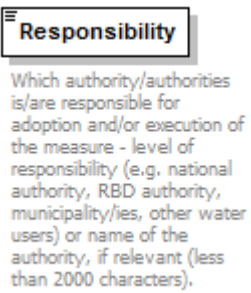
element **Structure1\_2/MeasureName**

diagram	
type	<b>String100Type</b>
annotation	documentation Short descriptive name for the measure as reported in 2010.


element **Structure1\_2/MeasureDescription**

diagram	
type	<b>String2000Type</b>
annotation	documentation Description of the measure as reported in 2010 (less than 2000 characters).

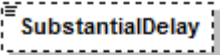
element **Structure1\_2/Responsibility**

diagram	
type	<b>String2000Type</b>
annotation	documentation Which authority/authorities is/are responsible for adoption and/or execution of the measure - level of responsibility (e.g. national authority, RBD authority, municipality/ies, other water users) or name of the authority, if relevant (less than 2000 characters).


element **Structure1\_2/StateOfImplementation**

diagram	 <p>Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM).          Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012.          On-going: Choose this option if the implementation of the measure has started and is progressing.</p>		
type	<b>StateOfImplementation</b>		
facets	Kind	Value	annotation
	enumeration	NS	
	enumeration	OG	
	enumeration	COM	
annotation	<p>documentation          Status (estimated towards the end of 2012) of the implementation of the measure - choose one of the three provided options: Not started (NS), on-going (OG) or completed (COM).          Not started: Choose this option if the implementation of the measure is likely not to start before the end of 2012.          On-going: Choose this option if the implementation of the measure has started and is progressing.</p>		


element **Structure1\_2/SubstantialDelay**

diagram	 <p>If the implementation of the measure is not started or on-going but substantial delays in the implementation are happening or are foreseen that that may put at risk the completion of the measure on time - please indicate this with 'Y'.</p>		
type	<b>YesCode</b>		
facets	Kind	Value	annotation
	enumeration	Y	
annotation	<p>documentation          If the implementation of the measure is not started or on-going but substantial delays in the implementation are happening or are foreseen that that may put at risk the completion of the measure on time - please indicate this with 'Y'.</p>		

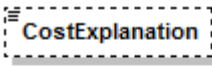
element **Structure1\_2/ReasonsState**

diagram	 <p><b>ReasonsState</b></p> <p>CONDITIONAL. If 'Not started' or 'On-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	documentation CONDITIONAL. If 'Not started' or 'On-going' (where Substantial Delay has been indicated) has been chosen then provide a short explanation on the reasons for this (less than 2000 characters).

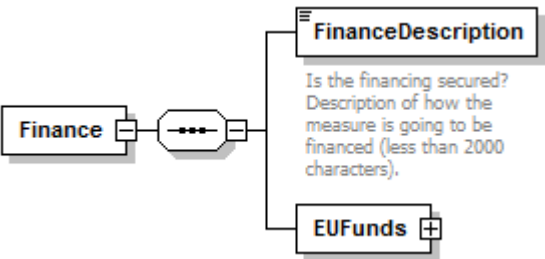
element **Structure1\_2/Cost**

diagram	 <p><b>Cost</b></p> <p>Cost of the measure estimated towards the end of 2012 in €.</p>
type	<b>xs:decimal</b>
annotation	documentation Cost of the measure estimated towards the end of 2012 in €.

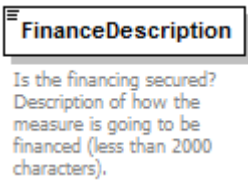
element **Structure1\_2/CostExplanation**

diagram	 <p><b>CostExplanation</b></p> <p>Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	documentation Explaining what is included in the cost calculation and/or for providing further details (e.g. whether figures refer to budget allocated or to expenditure to date) (less than 2000 characters).

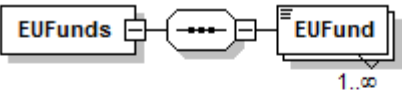
element **Structure1\_2/Finance**

diagram	 <p><b>Finance</b></p> <p><b>FinanceDescription</b></p> <p>Is the financing secured? Description of how the measure is going to be financed (less than 2000 characters).</p> <p><b>EUFunds</b> +</p>
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element **Structure1\_2/Finance/FinanceDescription**

diagram	 <p>Is the financing secured? Description of how the measure is going to be financed (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	documentation Is the financing secured? Description of how the measure is going to be financed (less than 2000 characters).


element **Structure1\_2/Finance/EUFunds**

diagram	 <p>1..∞</p> <p>Indicate if EU funds are involved and which type (S=Structural, C=Cohesion, RD=Rural Development, F=Fisheries, L=LIFE+, RTD=RTD, Other=others, Not Applicable=NA)</p>
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element **Structure1\_2/Finance/EUFunds/EUFund**

diagram	<div></div> <p>1..∞</p> <p>Indicate if EU funds are involved and which type (S=Structural, C=Cohesion, RD=Rural Development, F=Fisheries, L=LIFE+, RTD=RTD, Other=others, Not Applicable=NA)</p>																											
type	<b>EUFunds</b>																											
facets	<table><thead><tr><th>Kind</th><th>Value</th><th>annotation</th></tr></thead><tbody><tr><td>enumeration</td><td>S</td><td></td></tr><tr><td>enumeration</td><td>C</td><td></td></tr><tr><td>enumeration</td><td>RD</td><td></td></tr><tr><td>enumeration</td><td>F</td><td></td></tr><tr><td>enumeration</td><td>L</td><td></td></tr><tr><td>enumeration</td><td>RTD</td><td></td></tr><tr><td>enumeration</td><td>Other</td><td></td></tr><tr><td>enumeration</td><td>NA</td><td></td></tr></tbody></table>	Kind	Value	annotation	enumeration	S		enumeration	C		enumeration	RD		enumeration	F		enumeration	L		enumeration	RTD		enumeration	Other		enumeration	NA	
Kind	Value	annotation																										
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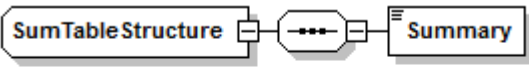
element **Structure1\_2/Comments**

diagram	 <p>Any additional useful information or clarification (less than 2000 characters).</p>
type	<b>String2000Type</b>
annotation	documentation Any additional useful information or clarification (less than 2000 characters).

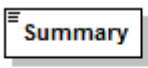
element **Structure1\_2/Hyperlink**

diagram	 <p>Hyperlink to further information</p>
annotation	documentation Hyperlink to further information

complexType **SumTableStructure**

diagram	 <p>Provide a summary (less than 2000 characters) on the progress made in implementation, in particular as regards aspects that are relevant for the implementation of the WFD. Overall quantitative information on the state of implementation should be reported if available.</p>
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element **SumTableStructure/Summary**

diagram	 <p>Provide a summary (less than 2000 characters) on the progress made in implementation, in particular as regards aspects that are relevant for the implementation of the WFD. Overall quantitative information on the state of implementation should be reported if available.</p>
type	<b>String2000Type</b>
annotation	documentation Provide a summary (less than 2000 characters) on the progress made in implementation, in particular as regards aspects that are relevant for the implementation of the WFD. Overall quantitative information on the state of implementation should be reported if available.