

# How to submit GHG projections (MMR Article 14)

- 1. Fill in** reporting template for '**Table 1**' (**excel**)
  - Table 1: Greenhouse gas projections by gases and categories
- 2. Fill in** reporting template for '**Table 2-3-4**' (**excel**)
  - Table 2: Indicators to monitor and evaluate projected progress of policies and measures
  - Table 3: Reporting on parameters for projections
  - Table 4: Model Factsheet
- 3. Provide:**
  - Technical report underpinning projections (**word/pdf**)
  - Sensitivity analysis
  - Other relevant documents

Use guidance and tools available in the MMR help folder:

<http://cdr.eionet.europa.eu/help/mmr>

Such as:

- Checklist for quality control for Member States
- Guidance for reporting on ETS/ESD projections
- Guidance for reporting on projections parameters

**To report please follow these steps:**

- 1. Log in** to Reportnet: <https://cdr.eionet.europa.eu/> (each reporter must have an Eionet account)
- 2. Find reporting folder**
  - by navigating to the respective country/obligation folder.
  - Alternatively use the link:  
[http://cdr.eionet.europa.eu/CC/eu/mmr/art04-13-14\\_lcds\\_pams\\_projections/projections](http://cdr.eionet.europa.eu/CC/eu/mmr/art04-13-14_lcds_pams_projections/projections) (where **CC** is the country code)
- 3. Create a new folder 'envelope'**
- 4. Activate task**
- 5. Add files** (note that there is no more need to generate an XML file from 'Table 1')
- 6. Run automatic QA**
- 7. Have a careful look** at the results from the quality check
- 8. Release envelope** (or deactivate task to pass on envelope to someone else)



# (official) Templates for GHG projections based on Annex XII of the IR (749/2014)

The image displays several overlapping Excel spreadsheets used for reporting greenhouse gas (GHG) projections. The primary spreadsheet is titled "Article 23 Reporting on projections" and includes the following sections:

- Instructions:**
  - Yellow fields are mandatory reporting requirements.
  - Unfold the template by clicking the framed "+" icons.
  - Select your country in cell B15 and the base year of your projections in cell B16.
  - Fill the template with your data.
  - Don't add any rows or columns to this template.
  - Don't add textual information in this template. The information should be added to the EIONET CDR.
  - Upload the Excel file to the EIONET CDR and the XML file via the submission process introduced by the Commission.
  - For support contact: mmr.support@eea.europa.eu
- Submission Year:** A dropdown menu for selecting the reporting year.
- MS (Member State):** A dropdown menu for selecting the country.
- Category (L1):** A dropdown menu for selecting the sector.
- Table 3: Reporting on parameters for projections used:** A table with columns for "Parameter used", "Unit", and "Default unit".
- Table 4: Model Factsheet:** A table for providing details about the model used, including model name, version, date of revision, URL to model description, model type, and model description.
- Table 2: Indicators to monitor and evaluate projected progress of policies and measures:** A table with columns for "Indicator", "Unit", "Guidance/definition ID", "Guidance/hour", "Base year", "Unit existing measures", and "Unit additional measures".

The spreadsheets are overlaid on a background image of a city square with a large building and a fountain.

Available at: <http://cdr.eionet.europa.eu/help/mmr>



# (unofficial) template – added checks in separate sheets for voluntary use

**Article 23 Reporting on projections**  
Member States shall report the information on projections of anthropogenic greenhouse gases emissions by sources and removals by sinks referred to in Article 14 of Regulation (EU) No 525/2013 in accordance with the tabular formats set out in Annex XII to this Regulation, using the reporting template

Instructions:  
Yellow fields are mandatory reporting requirements  
Unfold the template by clicking the framed "i" icons  
Select your country in cell B15 and the base year of your projections in cell C17, other base year cells will be filled automatically.  
Fill the template with your data and use the 4 QA/QC sheets provided to check for errors (Sum check, Sector Sum Check, WEM vs WAM check and Completeness Check)  
Once complete, save a new version and delete the QA/QC sheets. Then press the button "Export to XML" in cell C14.  
The XML-transformation will not work if you add rows or columns to this template.  
Don't add textual information in this template. The information will not reach us. Explain your data in your report.  
Upload the Excel to the EIONET CDR.

Submission Year	2013																						
Member State	Select country																						
Category (L3)	Scenario (METH, WAM, WOH)	Select base year	2015	2020	2025	2030	2035	2040	Select base year	2015	2020	2025	2030	2035	2040	Select base year	2015	2020	2025	2030	2035	2040	
Total including LULUCF	WEM																						
Total excluding LULUCF	WEM																						
1. Energy	WEM																						
1.A. Fuel combustion	WEM																						
1.A.1. Energy industries	WEM																						
1.A.1.a. Public electricity and heat production	WEM																						
1.A.1.b. Petroleum refining	WEM																						
1.A.1.c. Manufacture of solid fuels and other energy industries	WEM																						
1.A.2. Manufacturing industries and construction	WEM																						
1.A.3. Transport	WEM																						
1.A.3.a. Domestic aviation	WEM																						
1.A.3.b. Road transport	WEM																						
1.A.3.c. Railways	WEM																						
1.A.3.d. Domestic navigation	WEM																						
1.A.3.e. Other transportation	WEM																						
1.A.4. Other energy	WEM																						
1.A.4.a. Domestic aviation	WEM																						
1.A.4.b. Road transport	WEM																						
1.A.4.c. Railways	WEM																						
1.A.4.d. Domestic navigation	WEM																						
1.A.4.e. Other transportation	WEM																						
1.B. Other energy	WEM																						
1.B.1. Fugitive emissions from fuel	WEM																						
1.B.1.a. Solid fuels	WEM																						
1.B.2. Oil and natural gas and other emissions from energy production	WEM																						
1.C. CO2 transport and storage	WEM																						
2. Industrial processes	WEM																						
2.A. Mineral industry	WEM																						
2.A.1. of which cement production	WEM																						
2.A.2. of which other non-ferrous production	WEM																						

IRArticle23T1 QAQC(1) Sum check QAQC(2) Sector Sum Check QAQC(3) WEM vs WAM check QAQC(4) CompletenessCheck List +

- Included checks:
  1. Sum check
  2. Sector sum check
  3. WEM vs WAM check
  4. Completeness check



**Please contact the MMR support team if you have any questions concerning the use of Reportnet, reportnet rights, QAQC process for GHG projections, etc**

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