

Documentation of major changes in methodological descriptions compared to previous year NIR

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	DESCRIPTION OF METHODS	RECALCULATIONS	REFERENCE
	Please tick where the latest NIR includes major changes in methodological descriptions compared to the previous year NIR	Please tick where this is also reflected in recalculations compared to the previous year CRF	If ticked please provide some more detailed information for example related to sub-category, gas, reference to pages in the NIR, etc
Total (Net Emissions)			
1. Energy			
A. Fuel Combustion (Sectoral Approach)			
1. Energy Industries	√	√	CO ₂ , CH ₄ and N ₂ O from 1A1a; CH ₄ and N ₂ O from 1A1c NIR pages 90-91
2. Manufacturing Industries and Construction			CO ₂ , CH ₄ and N ₂ O from 1A2a – 1A2f, NIR pages 90-91
3. Transport	√	√	CO ₂ , CH ₄ and N ₂ O from 1A3a; NIR pages 103-104. CO ₂ , CH ₄ and N ₂ O from 1A3d, NIR pages 103-104.
4. Other Sectors	√	√	CO ₂ , CH ₄ and N ₂ O from 1A4a, 1A4b and 1A4c, NIR page 110
5. Other	√	√	CO ₂ , CH ₄ and N ₂ O from 1A5, NIR page 210.
B. Fugitive Emissions from Fuels			
1. Solid Fuels			
2. Oil and Natural Gas	√	√	CH ₄ from 1B2A2, page 113
2. Industrial Processes			
A. Mineral Products	√	√	CS method changed to method Tier 2 and more detailed description of technological process included in CRF category 2.A.1; NIR pages 125-127. D EF changed to PS EF and plant specific AD in CRF category 2.A.2; NIR pages 128-130. CO ₂ emissions from CRF category 2.7.A.1 (since 1992); NIR pages 130-132.
B. Chemical Industry	√	√	CO ₂ sold for food industry and CO ₂ for carbamide (urea) production included in calculations in CRF category 2.B.1; NIR pages 134-136.
C. Metal Production	√	√	In 2009 Submission CRF category 2.C.1 was marked as NE. No emissions were found, in 2010 Submission marked as NO; NIR page 119.
D. Other Production	√	√	The amount of produced food and drink was corrected for years 1992, 1995-2007. The emissions from pulp and paper were corrected for years 1992, 1993, 1999-2007. NIR page 139.
E. Production of Halocarbons and SF ₆			
F. Consumption of Halocarbons and SF ₆	√	√	HFC emissions from CRF category 2.IIA.F.1.2 recalculated from 1993 to 2005 due to method changed; NIR page 152. HFC emissions from CRF category 2.IIA.F.1.4 recalculated from 1993 to 2005 due to method changed; NIR page 161. HFC emissions from CRF category 2.IIA.F.1.5 subcategory Heat Pumps were recalculated from 1998-2004 due to better data available; NIR page 163. HFC emissions from CRF category 2.IIA.F.1.5 subcategory Stationary and Room AC were recalculated from 1995-2005 due to due to method changed; NIR page 166.
G. Other			
3. Solvent and Other Product Use	√	√	CRF category 3 is presently under investigation. In 2010 Submission marked as NE; NIR page 204.
4. Agriculture			

A. Enteric Fermentation	√	√	CH ₄ emissions from dairy cattle was recalculated and CH ₄ emissions from fur animals was calculated for the first time; Chapter 6.3.7 of the NIR
B. Manure Management	√	√	N ₂ O emissions from manure management of dairy cattle were recalculated and N ₂ O emissions from manure management of fur animals was estimated; Chapter 6.4.6 of the NIR
C. Rice Cultivation			
D. Agricultural Soils	√	√	N ₂ O emissions from pasture, range and paddock and from sewage sludge applied to agricultural soils were recalculated. Indirect N ₂ O emissions from agricultural soils were recalculated also; Chapters 6.5.5, 6.6.11 and 6.7.6of the NIR
E. Prescribed Burning of Savannas			
F. Field Burning of Agricultural Residues	√	√	Emissions from field burning of agricultural residues were recalculated (a recommendation of the ETR); Chapter 6.8.5 of the NIR
G. Other			
5. Land Use, Land-Use Change and Forestry			
A. Forest Land	√	√	Carbon flows associated with forest biomass harvesting were recalculated; Chapter 7.2.6 of the NIR
B. Cropland	√	√	Carbon flows associated with fruit trees were recalculated (a recommendation of the ETR) and emissions from liming were estimated for the first time; Chapter 7.3.2 and 7.3.5 of the NIR
C. Grassland	√	√	Carbon flows related to grassland land management were recalculated; Chapter 7.4.6 of the NIR
D. Wetlands	√	√	Emissions from peat extraction areas were recalculated; Chapter 7.5.6 of the NIR
E. Settlements			
F. Other Land			
G. Other			
6. Waste			
A. Solid Waste Disposal on Land			
B. Waste-water Handling	√		NIR chapter 8.3
C. Waste Incineration			
D. Other			
7. Other (as specified in Summary 1.A)			
Memo Items:			
International Bunkers			
Aviation			
Marine			
Multilateral Operations			
CO2 Emissions from Biomass			

NIR Chapter	DESCRIPTION		REFERENCE
	Please tick where the latest NIR includes major changes in descriptions compared to the previous year NIR		If ticked please provide some more detailed information for example reference to pages in the NIR
Chapter 1.2 Institutional arrangements	√		NIR chapter 1.2
Chapter 3 Energy	√		NIR pages 62-116
Chapter 8.1 Overview of the sector and methodology	√		NIR page 327
Chapter 8.2.2. Methodological issues	√		NIR page 340 (table 8.8, 8.9)
Chapter 8.3. Wastewater handling	√		NIR pages 343-348
Chapter 8.5. Waste incineration	√		NIR pages 351-352