

UNECE LRTAP Convention - Objectives

- To implement the Convention on Long Range Transboundary Air Pollution
- Address the issues of acid deposition, photo-oxidants, heavy metals Persistent organic pollutants
- Reviewing Strategies, Developing Protocols, Testing Compliance, evaluation economic and financial issues

European Environmental Monitoring Programme (EMEP)

- The programme is designed to provide analyses and reports on :
 - emission data submitted by members in accordance with reporting obligations and guidelines
 - the provision of estimates in the absence of reported data,
 - modeling atmospheric transport, chemistry and deposition
 - data analysis tools

Task Force on Emission Inventories

- Scope :
 - Enable improved reporting of emissions to EMEP
 - Developing reporting guidelines (the EMEP/CORINAIR Guidebook)
 - Encourage the use of the EMEP/CORINAIR Guidebook
 - Ensure harmonization with other international inventory activity and prevent duplication of effort.

Achievements (1)

- EMEP/CORINAIR Guidebook
 - a comprehensive source of reference
 - links to the IPCC guidebook
 - an independent inventory verification tool
 - a vehicle to inform the public

Achievements (2)

- Development capability
 - multi media
 - extension to new pollutants
 - incorporation of abatement techniques
 - trends and projections
- Expert network
- International recognition

Table 8.1: Emission factors for gaseous compounds

Compound	Emission factor [mg/GJ]	Abatement type	Abatement efficiency [%]	Fuel type (NAPFUE code)
SO_x	499	uncontrolled	N/A	Coke breeze (107)
	658	uncontrolled	N/A	Heating oil heavy (203)
	1410	uncontrolled	N/A	heating oil light (204)
	4680	uncontrolled	N/A	natural gas (301)
	5490	uncontrolled	N/A	coke oven gas (304)
	8600	uncontrolled	N/A	blast furnace gas (305)
		plus scrubber	90	all fuels

– Data Quality C