

Implementation and Ratification of CLRTAP Protocols

Ratification process Netherlands

Johan Sliggers

Ratifying protocols in the Netherlands

- Analysis of the obligations in the protocol
 - List of actions to be done
- Plan of action
 - Based on the list of actions
- Explanatory report obligations of the protocol
 - Obligations of the protocol
 - Implementation of the obligations

Ratifying protocols in the Netherlands (II)

- Advice Council of State
- Parliament approval
 - Short or explicit procedure
- Ratification of the protocol

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Obligations

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General overview protocol obligations

- Emission ceilings
- Stationary sources
- Mobile sources
- Products/substances
- Reporting
 - Strategies and Policies (2-yearly)

General overview (II)

- Emission Ceilings
 - Emission inventories/projections
 - Emission Guidebook
 - Base years, target years
 - Reporting (yearly)
 - Emission Guidelines

General overview (III)

- Stationary sources
 - Best available techniques (BAT)
 - Emission limit values (ELV's)
 - New and existing sources
- Mobile sources
 - New, BAT and ELV's

General overview (IV)

- Products/substances
 - Fuel quality (S, Pb), Hg products, substances (use, production, ban/restrictions)

Heavy Metals Protocol

Text of the HM Protocol and Annexes:

http://unece.org/env/lrtap/status/lrtap_s.htm

HM Protocol (1998)

- Basic obligations (Art. 3)
 - Emission ceilings Cadmium, Mercury, Lead
 - Exemption reduction obligation
 - Base year ~1990 (1985-1995)
 - ELV's stationary sources
 - Many ELVs for 10 major source categories
 - new 2005,
 - existing 2011 (in so far techn. and econ. feasible)
 - alternative reduction strategies

HM Protocol (1998) (II)

- BAT new and existing
 - 11 major source categories
- Products
 - Unleaded gasoline
 - Hg in batteries (2008/2013 (CET countries))
 - Voluntary (any appropriate and Hg products)
- Emission inventories

Checklist HM Protocol implementation

http://unece.org/env/lrtap/TaskForce/tfhm/Checklist%20HM%20%20Protocol%20Def%20Version_1.pdf

- Basic obligations
 - Base year and emissions (and going down?)
 - ELVs and BAT in law or national regulations
 - Unleaded petrol and Mercury in batteries in law or national regulations
 - Emission registration system for making inventories

Checklist HM Protocol implementation (II)

- General obligations
 - Reporting emissions (every year)
 - Reporting Strategies and Policies (every 2 year)
- Monitoring
 - Concentrations/depositions
 - Emissions of stationary sources
- Inspection and enforcement
 - Permits, inspection, control, enforcement

Persistent Organic Pollutants Protocol

Text of the POP Protocol and Annexes:

http://unece.org/env/lrtap/status/lrtap_s.htm

POP Protocol (1998/2009)

16 -> 23 substances

- Basic obligations (Art. 3)
 - Ban/restrict production and use of substances
 - Pesticides, chemicals, unintentional released substances
 - Annex I and II (14 subst/21 subst)
 - Waste disposal, destruction and transboundary movement

POP Protocol (1998/2009) (II)

- Unint. rel. subst.: PAH, D/F, HCB, PCB
 - Emission ceilings
 - Exemption reduction obligation
 - Base year ~1990 (1985-1995), CET > 1985
 - PCB, base year ~2005 (1995-2010), CET > 1995
 - ELV's stationary sources
 - 3 ELVs of 1 source category, 8? ELVs of 5 cat.
 - new 2005, entry in force +2
 - existing 2011 (in so far techn. and econ. feasible), E. in F. +8, CET: E. in F. +15
 - alternative reduction strategies

POP Protocol (1998/2009) (III)

- BAT new and existing
 - 12/14 major source categories
- Mobile sources (deleted)
- Emission inventories

POP Protocol (1998/2009) (IV)

- General obligations
 - Reporting emissions (every year)
 - Reporting Strategies and Policies (every 2 year)
- Monitoring
 - Concentrations/depositions
 - Emissions of stationary sources
- Inspection and enforcement
 - Permits, inspection, control, enforcement

Gothenburg Protocol

Text of the Gothenburg Protocol and Annexes and
Guidance documents

http://unece.org/env/lrtap/status/lrtap_s.htm

Gothenburg Protocol (1999)

- Basic obligations (Art. 3)
 - Emission ceilings 2010 (SO₂, NO_x, NH₃, VOC)
 - no base year (emission levels 1980 and 1990)
 - ELV's stationary sources
 - SO₂, NO_x and VOC (many ELVs)
 - new: ratification plus 1 yr,
 - existing: 2007/2013 (CET country), in so far etc
 - alternative reduction strategies

Gothenburg Protocol (1999) (II)

- Mobile sources
 - fuels and ELVs
 - New ELVs only: 2005-dates annex VIII and IV-table II/2010-dates annexes plus 5 (CET country)
- BAT stat. and mobile sources (should, Guidance documents)
- NH₃
 - measures (ratification plus 1 yr-2009 CET countries)
 - BAT (consider appropriate, Guidance doc.)
- Emission inventories (not in art. 3 but in art. 6 and 7)

Gothenburg Protocol (1999) (III)

- General obligations
 - Reporting emissions (every year)
 - Reporting Strategies and Policies (every 2 year)
- Monitoring
 - Concentrations/depositions
 - Emissions of stationary sources
- Inspection and enforcement
 - Permits, inspection, control, enforcement

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National Action Plan

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Outline National Action Plan

- Objective
- Analysis of obligations and situation in your country
- Plan of Action HM Protocol
- Plan of Action POP Protocol
- Plan of Action Gothenburg Protocol
- Ratification process of the 3 protocols
 - Steps: what, who, time needed, reporting, decisions, start-end/ratification