



TFTEI AND HEAVY METALS

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1



Protocol on Heavy Metals under the UNECE Air Convention

- Signed in 1998, entered into force in 2003
- 35 signatories, 34 Parties
- Lead (Pb), Cadmium (Cd) and Mercury (Hg)

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2

Basic obligations in HM Protocol

- Reduce annual emissions of Pb, Cd and Hg from levels in the reference year (1990)
- Apply BAT to each source category taking into consideration BAT guidance (Annex III)
- Apply the limit values specified in Annex V to each source category
- Apply product control measures specified in Annex VI
- Develop and maintain emission inventories

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3

Task Force on Heavy Metals

- TFHM established in 2003
- Sufficiency and Effectiveness Report in 2006
- Technical review of proposals for products and Work on BAT Guidance Document (Annex III) 2007-2010
- Negotiations 2010 to 2012
- Amended HM Protocol adopted 2012
 - New emission limit values and extended source categories
 - Flexibilities for new Parties

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4

Task Force on Techno-economic Issues

- Amendments of the three latest Protocols completed (GP and HM 2012, POPs 2009)
 - Including flexibilities to enable ratification by countries in Eastern Europe, the Caucasus and Central Asia (EECCA)
- TFTEI established in 2015 (former TFHM, TFPOPs and EGTEI)
- Emphasis on promoting ratification of the convention's most recently amended Protocols by EECCA countries

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5

Workshops to promote the ratification and implementation of

- The HM Protocol by TFHM
 - 2008 in Yerevan, Armenia
 - 2009 in St Petersburg, Russia
 - 2012 in Berlin, Germany
 - 2014 in Oslo, Norway
- The three latest Protocols by TFTEI
 - 2016 in Berlin, Germany
 - 2019 in Berlin, Germany

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6

Mercury – a global issue

- In 2013, the Minamata Convention on Mercury was adopted. Building on the 1998 Protocol on Heavy Metals, the Minamata Convention raised the profile of mercury to the global level.
- TFHM experts participated in the work of the technical expert group that wrote the BAT guidance document for the Minamata Convention.

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7



HM in the Long term strategy 2020-2030 and beyond

Maximising the impact of the HM Protocol

- Increased ratification and implementation with focus on countries in the EECCA region
- Improve the scientific and technical basis related to long-term emission trends, transport, fate and accumulation in the environment and HMs adverse effects on human health and ecosystems
- Share technical knowledge on BAT, emission inventories, modelling and monitoring with regions outside the UNECE

Priority challenges include

- Long-term risks related to Heavy Metals

8