



United Nations
Economic Commission for Europe



Reporting to Multilateral Environmental Agreements (MEA)

16th session of the Working Group on Environmental
Monitoring and Assessment

Istanbul, Turkey, 16-17 April 2015

Lukasz Wyrowski, Manager, UNECE Programme
on Environmental Monitoring and Assessment



Convention on Long-range Transboundary Air Pollution

(CLRTAP)

Emissions of pollutants into the atmospheric air

- 1) Emissions of sulphur expressed in sulphur dioxide (total, stationary and mobile sources)
- 2) Emissions of nitrogen oxides expressed in nitrogen dioxide (total, stationary and mobile sources)
- 3) Emissions of non-methane volatile organic compounds (NMVOCs) (total, stationary and mobile sources)
- 4) Emissions of ammonia (total, stationary and mobile sources)
- 5) Emissions of carbon monoxide (total, stationary and mobile sources)
- 6) Emissions of lead (total, stationary and mobile sources)
- 7) Emissions of cadmium (total, stationary and mobile sources)
- 8) Emissions of mercury (total, stationary and mobile sources)
- 9) Emissions of polycyclic aromatic hydrocarbon (PAH) (total, stationary and mobile sources)
- 10) Emissions of polychlorinated biphenyl (PCB) (total, stationary and mobile sources)
- 11) Emissions of polychlorinated dibenzo-p-dioxin and polychlorinated dibenzofuran (PCDD/F) (total, stationary and mobile sources)
- 12) Emissions of total suspended particles (TSP) (total, stationary and mobile sources)
- 13) Emissions of PM₁₀ (total, stationary and mobile sources)
- 14) Emissions of PM_{2.5} (total, stationary and mobile sources)



Montreal Protocol

Substances that deplete the Ozone Layer (a protocol to the Vienna Convention for the Protection of the Ozone Layer)

Consumption of ozone-depleting substances

- 19) Total ozone depleting potential (ODP) of chlorofluorocarbons (CFCs)
- 20) Total ODP of Halons
- 21) Total ODP of other fully halogenated CFCs
- 22) Total ODP of carbon tetrachloride
- 23) Total ODP of 1,1,1-trichloroethane
- 24) Total ODP of hydrochlorofluorocarbons (HCFCs)
- 25) Total ODP of methyl bromide



Montreal Protocol

Substances that deplete the Ozone Layer (a protocol to the Vienna Convention for the Protection of the Ozone Layer)

Consumption of ozone-depleting substances

- 19) Total ozone depleting potential (ODP) of chlorofluorocarbons (CFCs)
- 20) Total ODP of Halons
- 21) Total ODP of other fully halogenated CFCs
- 22) Total ODP of carbon tetrachloride
- 23) Total ODP of 1,1,1-trichloroethane
- 24) Total ODP of hydrochlorofluorocarbons (HCFCs)
- 25) Total ODP of methyl bromide

United Nations Framework Convention on Climate Change

(UNFCCC)

Air temperature, Atmospheric precipitation, Greenhouse gas emissions

- 26) Average annual deviation from the long-term average temperature
- 27) Annual deviation from the long-term average precipitation
- 28) Aggregated GHG emissions including emissions/removals from LULUCF
- 29) Aggregated GHG emissions by energy, industrial processes, solvent and other product use, agriculture, land use and forestry, waste



Protocol on Water and Health

Polluted (not-treated) wastewaters

64) Number of incidents of infectious diseases potentially related to water

65) Number of outbreaks for a number of infectious diseases potentially related to water

UNEP/UNSD questionnaire related to access to drinking water and sanitation,

United Nations Convention on Biological Diversity

Protected areas

66) Total areas under protection (IUCN-categories)



Protocol on Pollutant Release and Transfer Registers

(PPTRs)

Area affected by soil erosion

85) Number of soil contaminated sites by size and degree of contamination

Basel Convention on Control of Transboundary Movements of Hazardous Wastes and their Disposal

Management of hazardous waste

- 106) Hazardous waste generated
- 107) Hazardous waste imported
- 108) Hazardous waste exported
- 109) Total hazardous waste treated or disposed
- 110) Hazardous waste treated or disposed of which recycling, incineration,
landfilling, other disposal
- 111) Stock of hazardous waste