

## **Policy-relevant questions for the HTAP activities on mercury**

1. What are the observed and modelled trends in air concentration and deposition of mercury in the UNECE region and other regions of the globe?
2. To what extent are these trends associated with emission changes in the regions or dependent on intercontinental transport of mercury and other environmental factors?
3. What are the relative contributions and their changes of anthropogenic, geogenic, and legacy emission sources to mercury air concentration and deposition in various regions?
4. How may mercury air concentration and deposition levels and the contribution of various sources change in future due to changes in emissions and climate change?
5. How do the historical and projected changes in mercury air concentration and deposition relate to changes in mercury levels in other environmental compartments and biota?
6. How well can we represent the processes that affect the long-term changes of mercury levels and fluxes in quantitative models?
7. What efforts are needed to develop a system of observations, emissions, and models to better understand and track these changes?