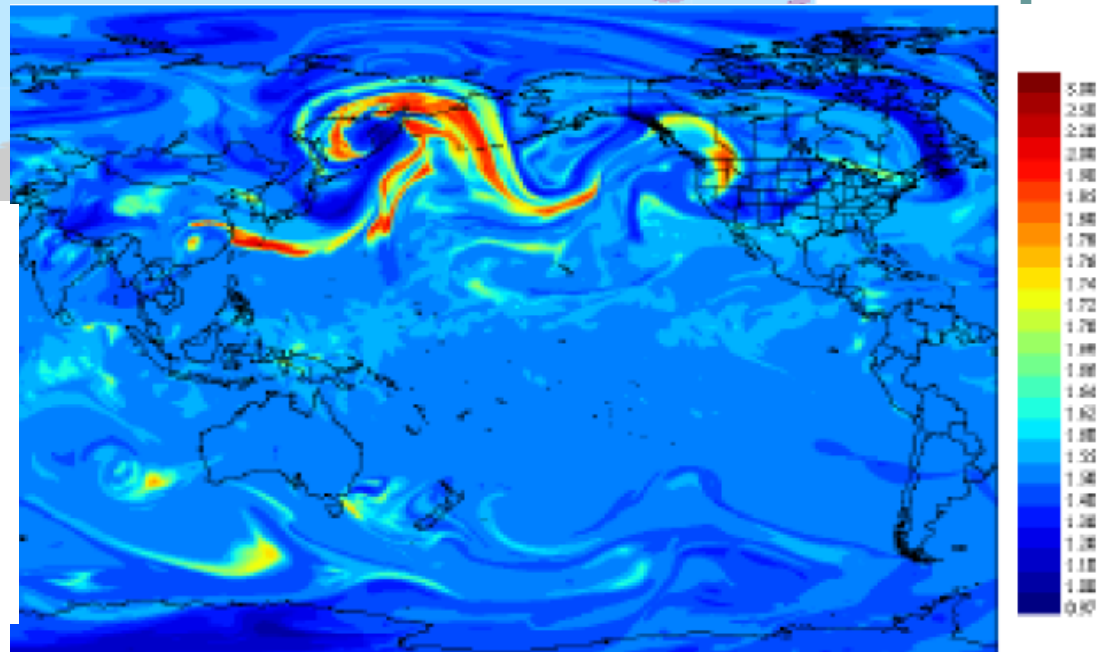
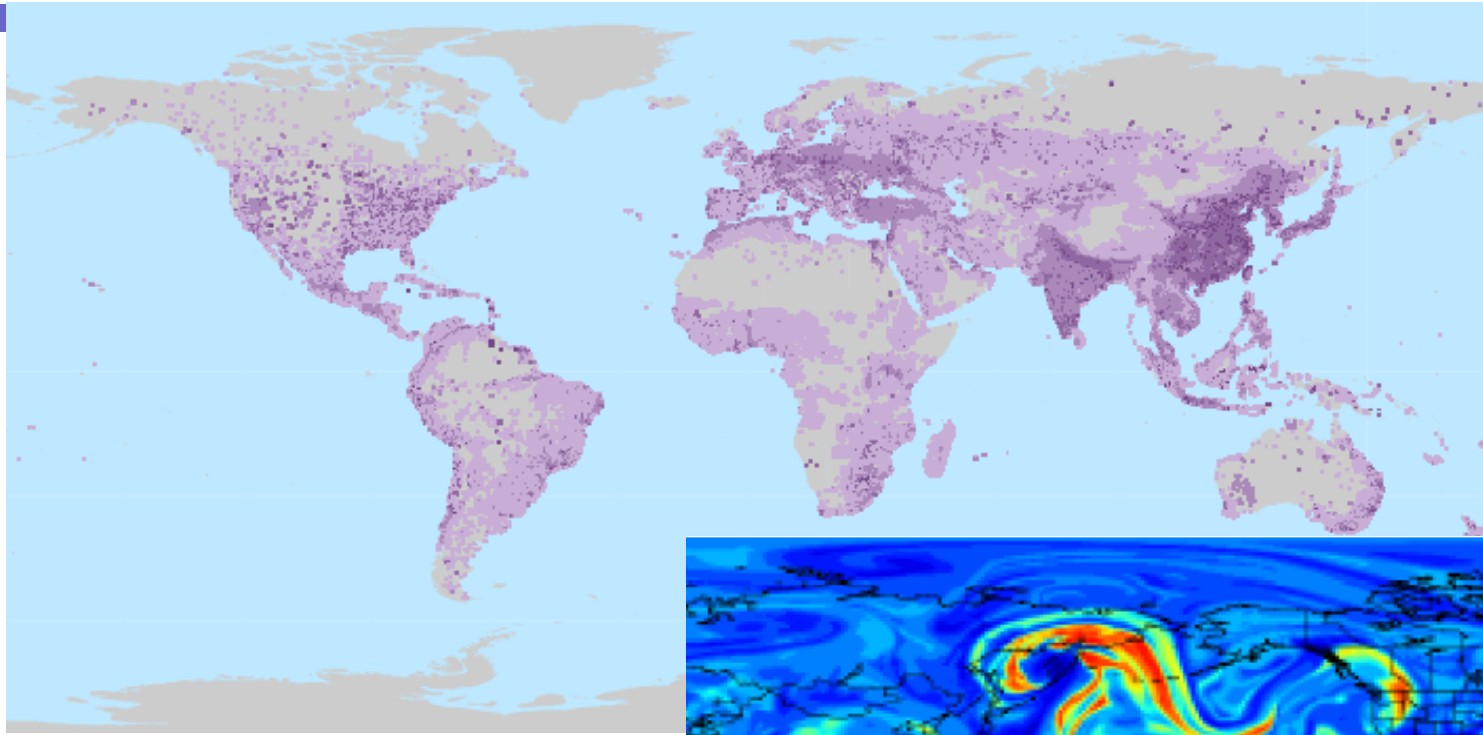


Global picture of mercury

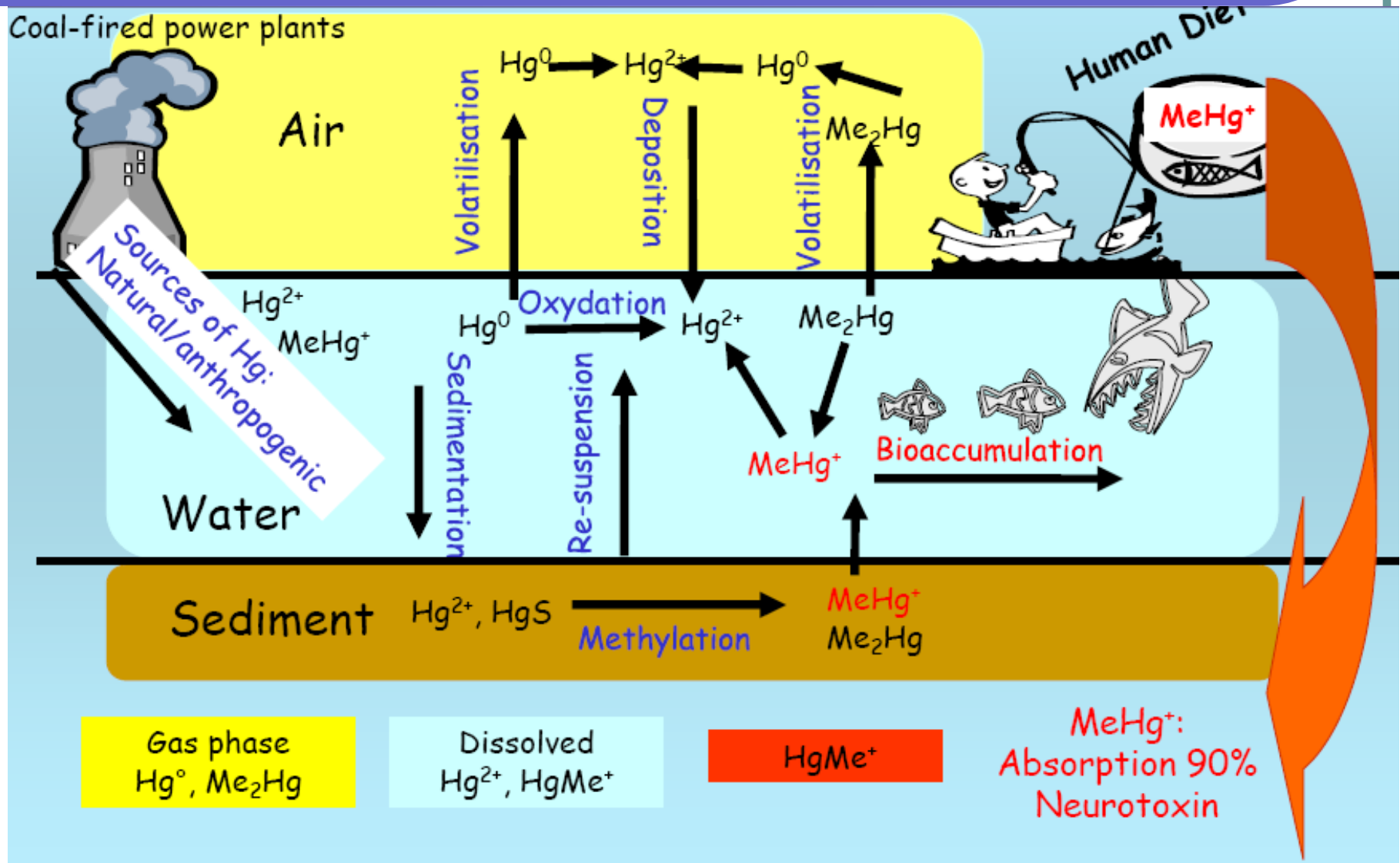
Heideloire Fiedler
Senior Scientific Affairs Officer
UNEP/DTIE Chemicals Branch
11-13 chemin des Anémones
CH-1219 Châtelaine (GE), Switzerland
E-Mail: heideloire.fiedler@unep.org

A chemical of global concern



- Long-range atmospheric transport
- Persistence in the environment
- Bio-accumulation
- Significant negative effects on human health and environment

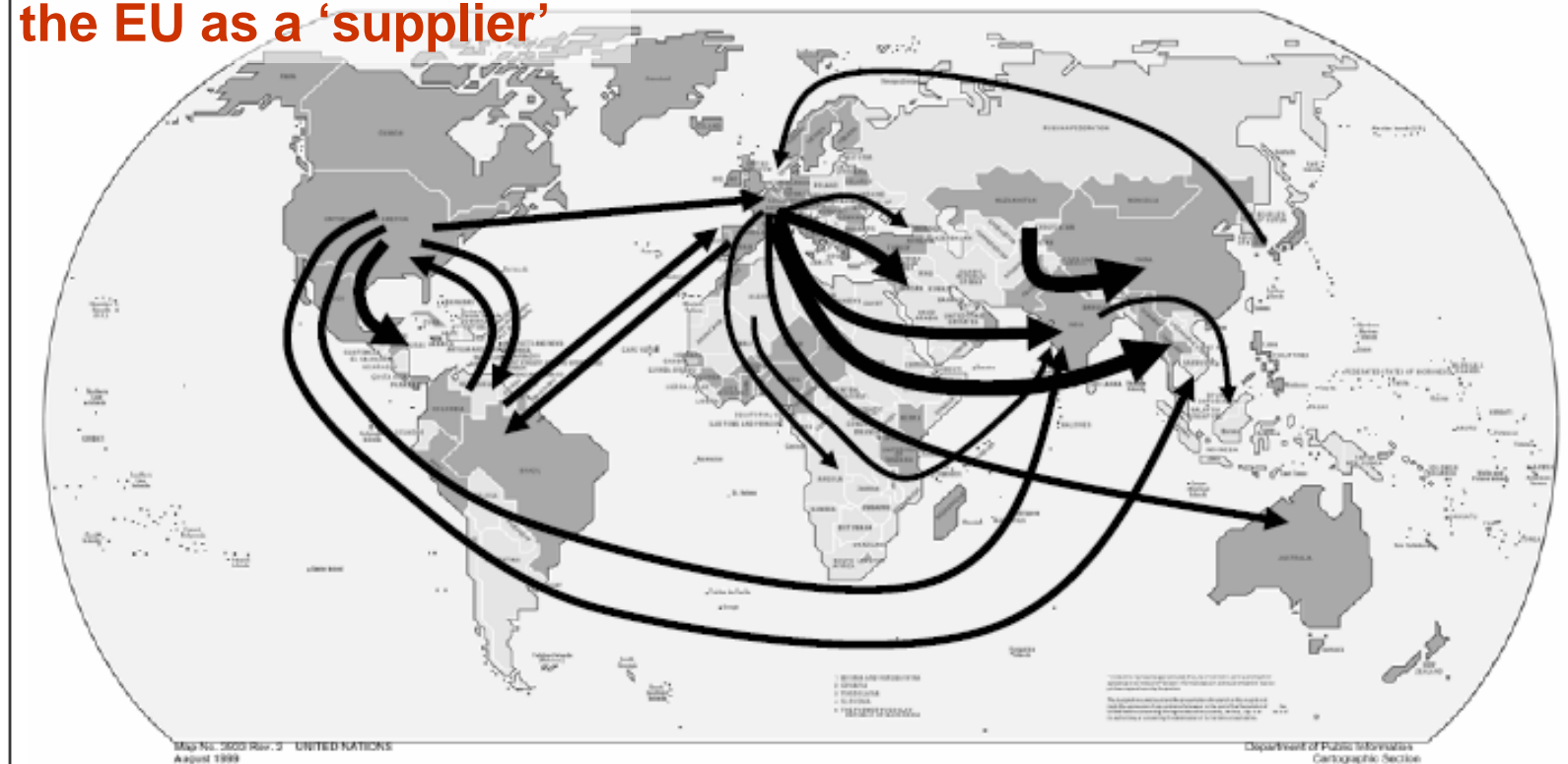
Mercury aquatic cycle



Mercury trade flows

Figure 4 Commodity mercury shipments among world regions, 2004

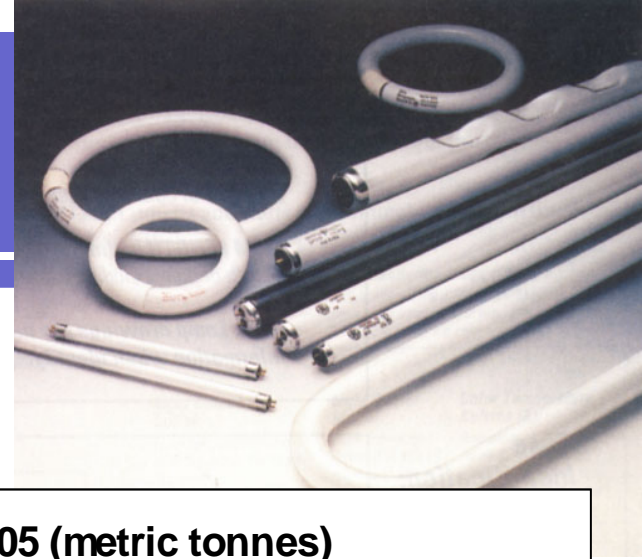
the EU as a 'supplier'



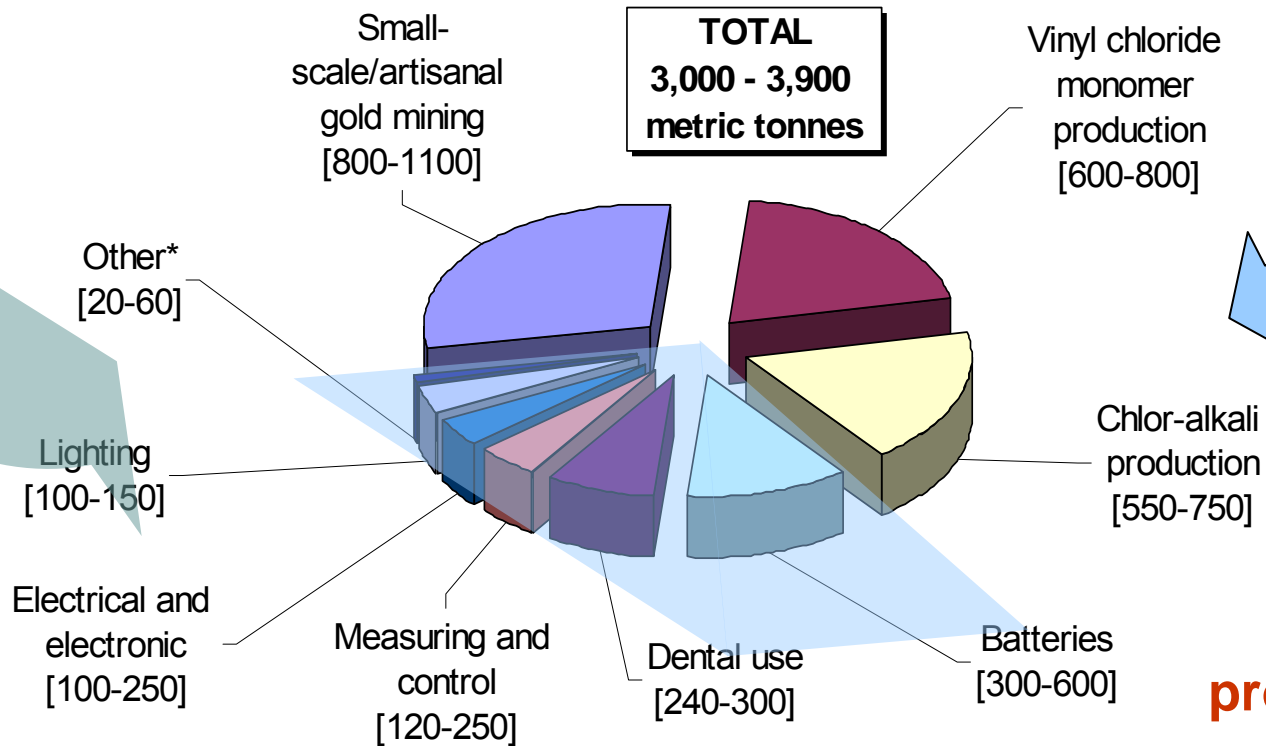
- Redundant mercury from mercury cell processes
- Internal reuse and export to ???
- Export ban

Intentional uses/demands

Driving moves towards mercury-free alternatives for products ...



Global mercury demand by use, 2005 (metric tonnes)



... and processes

* Laboratory, pharmaceutical, cosmetic, cultural/traditional uses, etc.

P. Maxson, "Mercury flows and safe storage of surplus mercury," for the Environment Directorate, European Commission, August 2006 (with data ranges). See http://ec.europa.eu/environment/chemicals/mercury/pdf/hg_flows_safe_storage.pdf

Two complementary activities

Reducing Risk from Mercury

Mercury is recognized as a chemical of global concern due to its long-range transport in the atmosphere, its persistence in the environment, its ability to bioaccumulate in ecosystems and its significant negative effect on human health and the environment.

Mercury can produce a range of adverse human health effects, including permanent damage to the nervous system, in particular the developing nervous system. Due to these effects, and also because mercury can be transferred from a mother to her unborn child, infants, children and women of child bearing age are considered vulnerable populations.

UNEP has been working to address mercury issues since 2003. Currently, the UNEP mercury programme has two main facets.



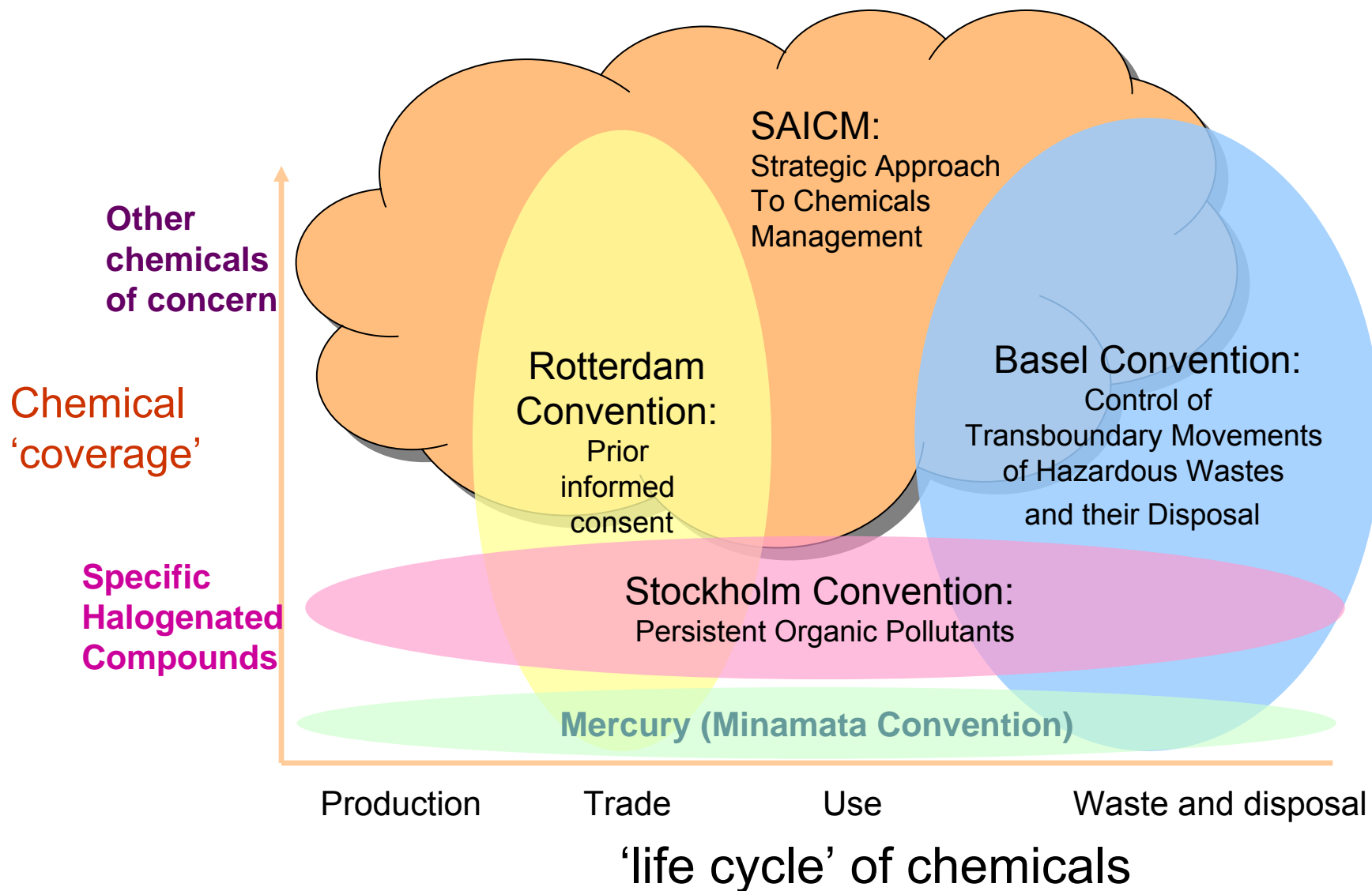
Negotiations



UNEP Global Mercury Partnership

President: Fernando Lugris

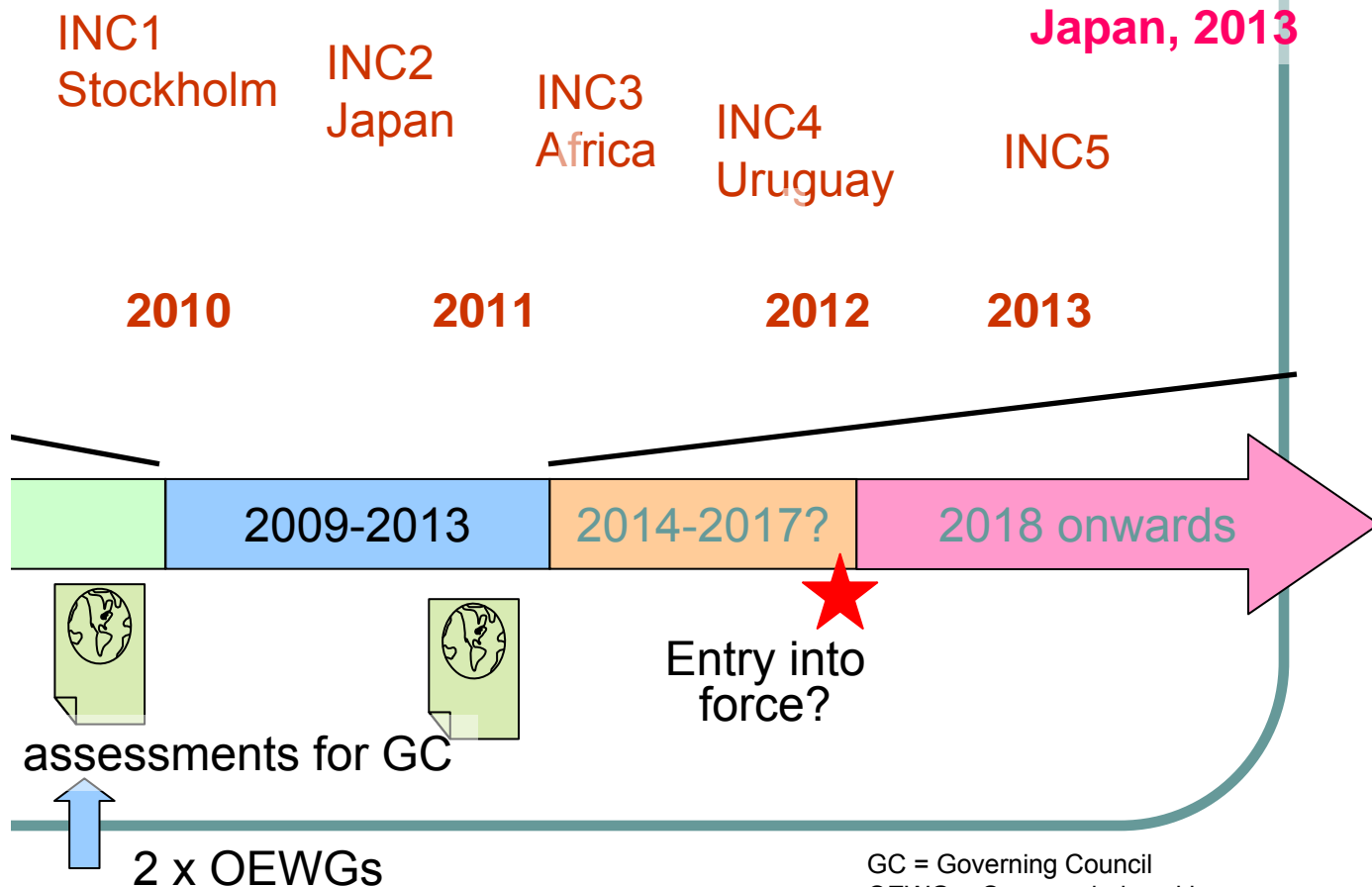
Scope of the chemical MEAs and agreements



negotiation process

5 x Intergovernmental Negotiating Committee meetings:

Diplomatic Conference, Japan, 2013



GC = Governing Council
OEWG = Open-ended working group

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_14075

