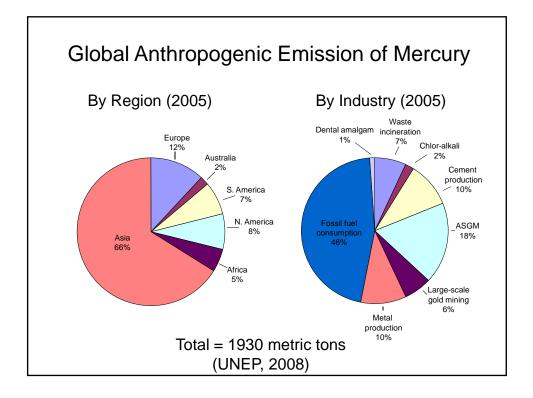
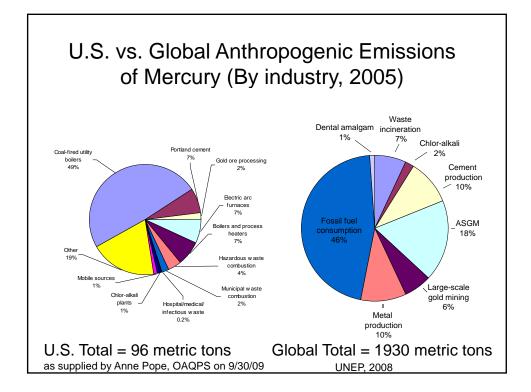
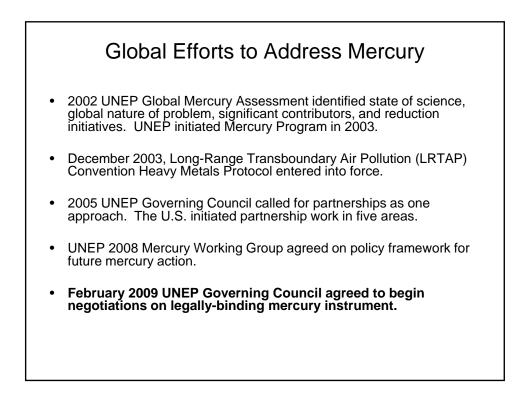


- Challenges for state regulators

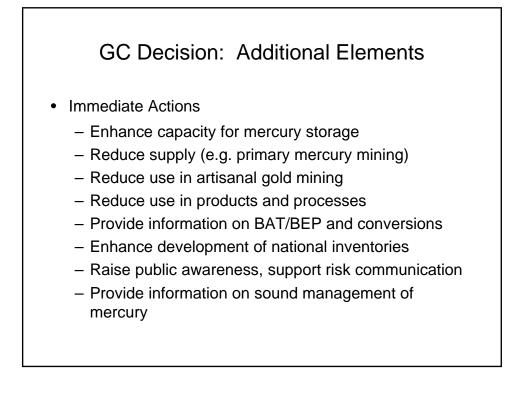


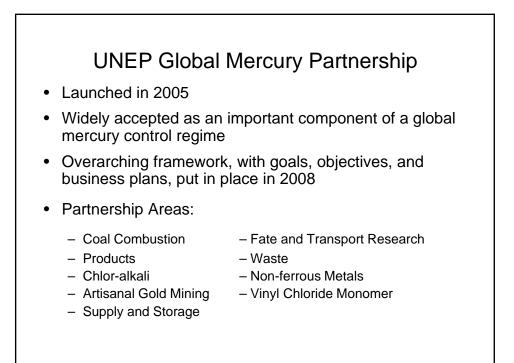


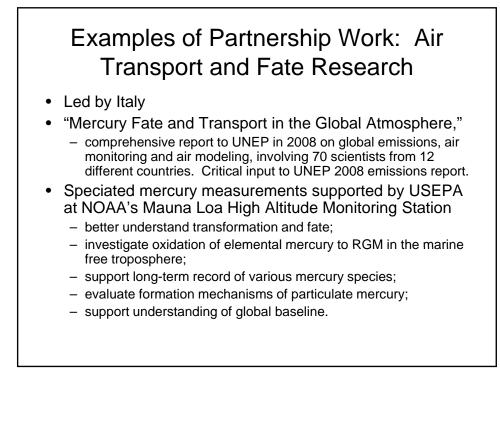


## GC Decision: Additional Elements

- UNEP to conduct "Para 29 Study" of current and future trends of mercury emissions sources, analysing and assessing the costs and the effectiveness of alternative control technologies and measures.
- Focus is on most significant "unintentional" emissions sources those sources which do not use mercury as an input but which emit mercury: Coal combustion, cement kilns, industrial metals production, and waste combustion
- · Source inventories and extent of current emissions controls
- Control options and indications of costs
- Study is expected to focus on key mercury-emitting countries/regions which give a regionally-balanced picture:
  - China, India, Russia, South Africa, Brazil, U.S., EU
  - Current data limitations prevent clear determinations of many countries' overall emissions levels







## **Coal Combustion**

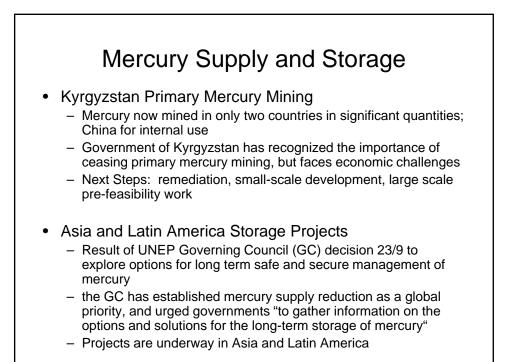
- Largest Emissions Sector Globally
- Led by International Energy Agency
- Best Practice Options for Coal Fired Power Plants
- Economics of Mercury Control
- Sorbents research at Russian coal-fired power station
- Mercury control optimization demonstration project in Russia, China, South Africa, and India

## Artisanal Gold Mining

- Responsible for emissions of about 400 tons per year globally
- Involves 10 million miners, 3 million women and children, over 70 countries, and produces at least 12% of the world's gold @ about \$10 billion per year
- Led by UNIDO and NRDC
- Solutions: technical, market-based, policy
  - retorts
  - mercury capture systems for gold processing
  - national and regional action plans









## Additional Partnership Area Projects:

- VCM
- Chloralkali
- Products
- Metals

Thank You! For more information: Bailey.marianne@epa.gov

www.chem.unep.ch/mercury