

Co-operation / Synergy

Between Waste Management & Storage Sectors:

Setting up the Roadmap

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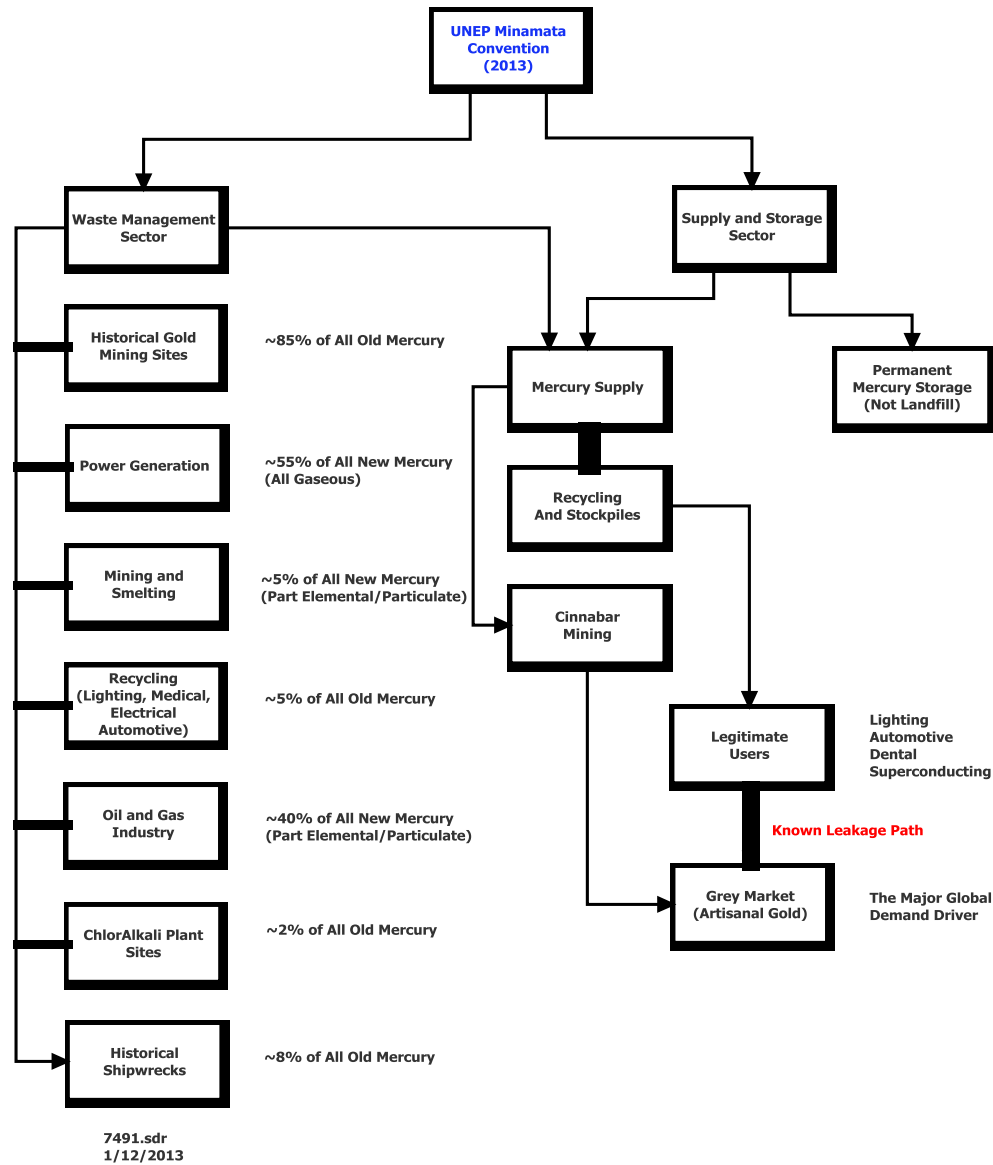
An Image Problem

- The Fundamental issue with Mercury Management is that Mercury does not smell, does not make your eyes weep, is tasteless and invisible in many of its forms
- Even in developed countries, death or disablement from exposure to mercury is rarely, if ever, diagnosed or investigated
- If mercury had an acrid pungent smell and the gaseous forms created crimson red clouds then its removal from the environment would be a total focus of all governments, globally

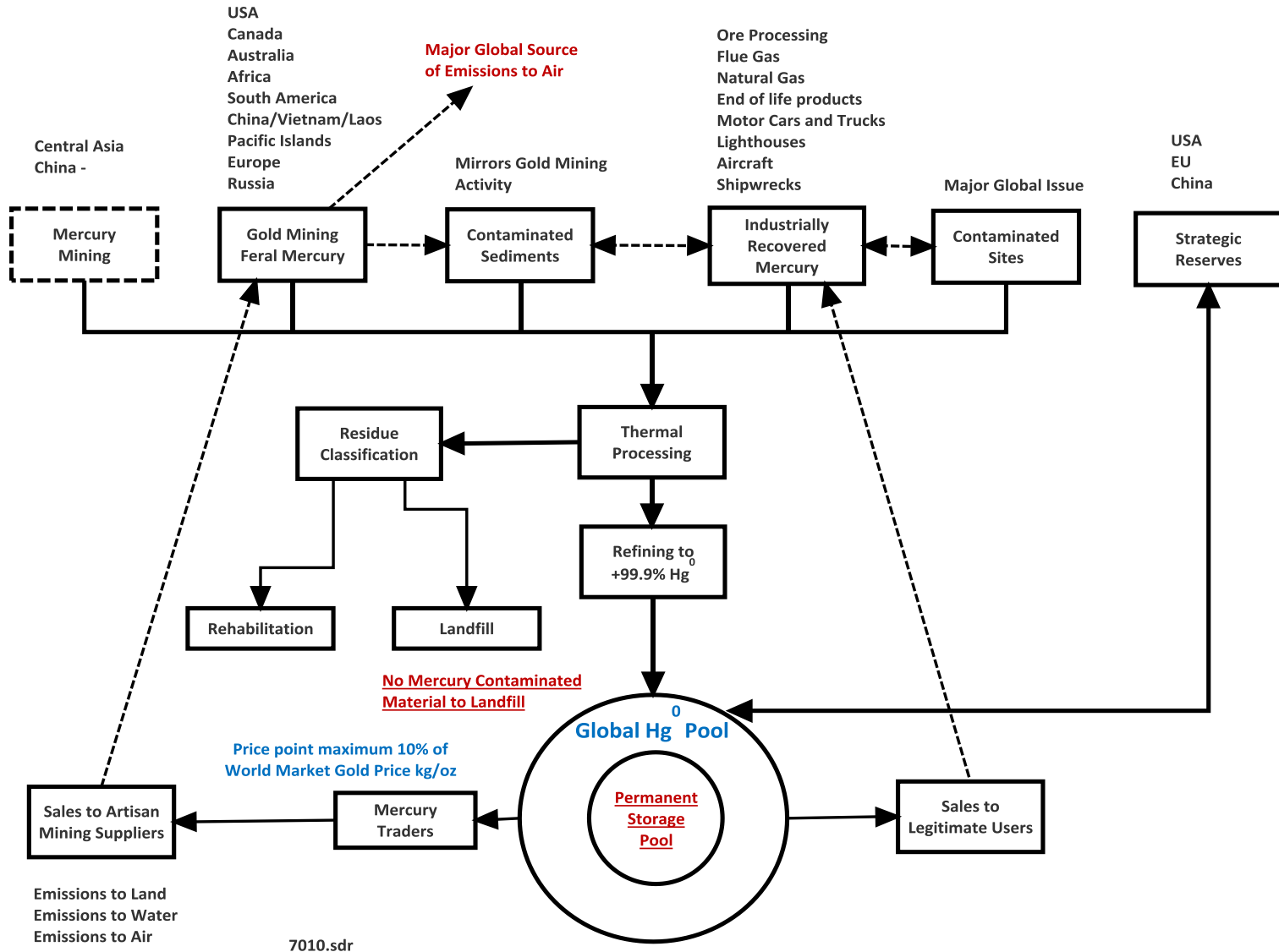
Inventory ?

- There is no accurate Global Mercury Inventory to provide the hard data required to deliver a meaningful response or even to prioritise the responses to the Minamata Convention
- Contaminated sites are a global issue and are also an intergenerational issue
- There are key lessons to be learned from the inventory models developed for Carbon Dioxide Management

FIRST CUT - GLOBAL MERCURY PATHWAYS



GLOBAL MERCURY PROCESS + CYCLES



Three Sources

- Basically three core mercury pollution sources:
 - Mining: Gold Mining, Cinnabar Mining, Smelting
 - Power production from coal and fuel oil
 - Industry: electrical products, pesticide and fungicide production, ChlorAlkali plants, VCM Plants, paints and coatings
- Most Countries/States have at least one of these sources; many have all three

Sector Rationalization

Key Issues:

1. Hg supply to Artisanal Mining Sectors;
2. Identification of legitimate users;
3. Volume of Hg required by legitimate users;
4. Where will Hg be sourced from;
5. Location of permanent storage facilities;
6. Maintenance and overheads for storage;
7. Where is the education of next generation of bureaucrats to come from?

The Overwhelming Issue

- Supply of mercury to the artisanal mining sector for a sufficient period to allow alternative gold recovery technology to be developed and implemented.

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_14355

