

# Mercury usage in Small Scale Jewellery Manufacturing Sector (SSJS) in Sri Lanka and introducing Non-Mercury, Environmentally Friendly Alternative

## Assessing the Mercury Usage in Small Scale Jewellery Manufacturing - A detailed study from Sri Lanka



There are three different types of groups involved in waste gold refining using mercury in SSJS.

- a) Goldsmiths
- b) waste gold separators
- c) Street cleaners

People engaged in small scale jewellery sector, use mercury to extract the gold from the waste

### Waste Gold Separation Process

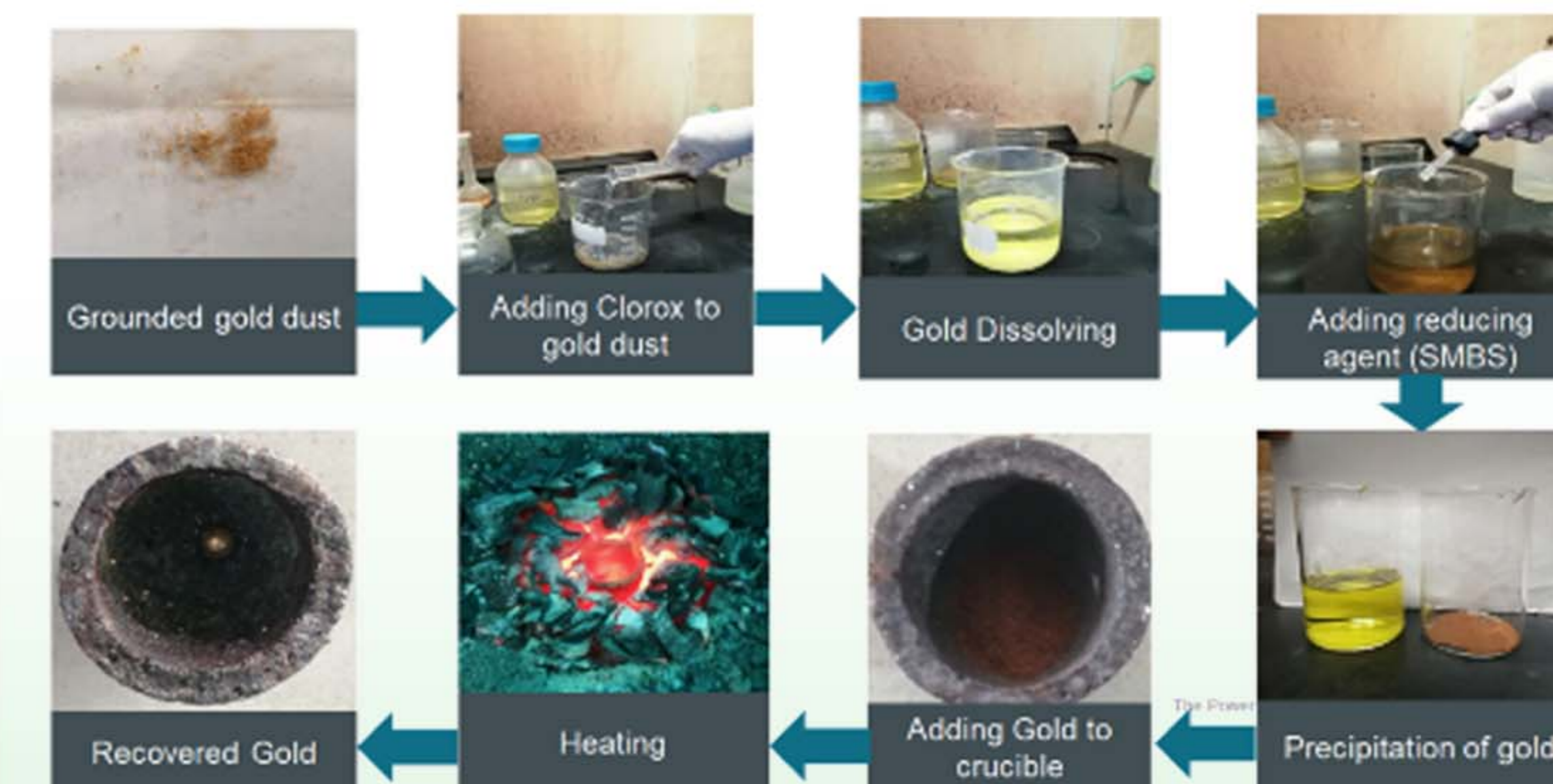


## Exposure Assessment of Mercury in Small Scale Jewellery Manufacturers in Sri Lanka



## Develop and introduce a socially acceptable non-mercury alternative method for waste gold separation in Small Scale Jewellery Sector

### Evaluation of the Gold Separation Method



Hypochlorite method for extraction of gold is recognized as the best method in terms of environmental friendliness, health and cost effectiveness

Date : Friday 13 October

Time : 13:00 – 14.00 CET

Presented by : Gem and Jewellery Research and Training Institute, Sri Lanka

Executed By :



Ministry of Environment

Collaboration with :



Gem and Jewellery Research and Training Institute  
(Ministry of Industries)

Funded By :



Global Environment Facility

Implemented By :



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