Topics covered

- Minamata Convention on Mercury
- Mercury issues and how mercury flow analysis can contribute
- Mercury source categories
- Mass balance principle and examples on process, sectoral and societal level
- Steps in mercury mass flow development

Available at

Project webpage (download link provided)
Request via project email with suggested citation below:

- UNEP and UNITAR (2023). Training package for mercury flow analysis to identify and monitor national mercury situation in its entire life cycle, Users' manual, version 1.1. Bangkok: UNEP ROAP.

UN environment programme

Japan Mercury Project
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https://www.unep.org/regions/asia-and-pacific/our-projects/project-promoting-minamata-convention-mercury-making-most
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# Training package for mercury flow analysis to identify and monitor national mercury situation in its entire life cycle

Developed under the Project for:
Promoting the Minamata Convention on Mercury by making the most of Japan's knowledge and experiences

## Background

The Minamata Convention obliges the Parties to implement the provisions stipulated in the Convention. There is a need to identify the priority areas to interpret them into domestic policy. The UNEP ROAP Project conducted online trainings on mercury flow analysis, on which this training package is based on.

## Purpose

The training package on flow analysis intends to support the Parties in developing and maintaining inventories of emissions, releases, trades and other forms of transport of mercury. Lecturers or trainers may use it for their teaching material. Also, it enables self-study and online leaning under travel restriction.

## Features

The material provides practical and hands-on skills to promote learning opportunities at local level. It targets scientists and practitioners of mercury management at national and local levels. Multimedia files with pre-recorded customizable content are available.

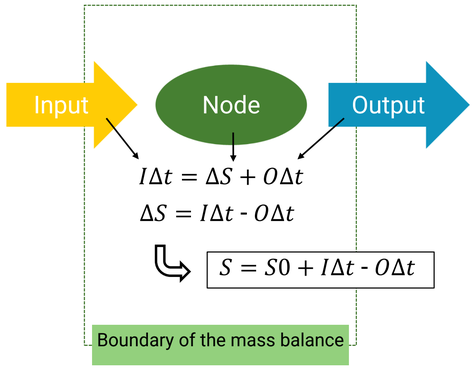
## Users' manual

Users' manual provides the guidance for designing and implementing training courses. It contains:

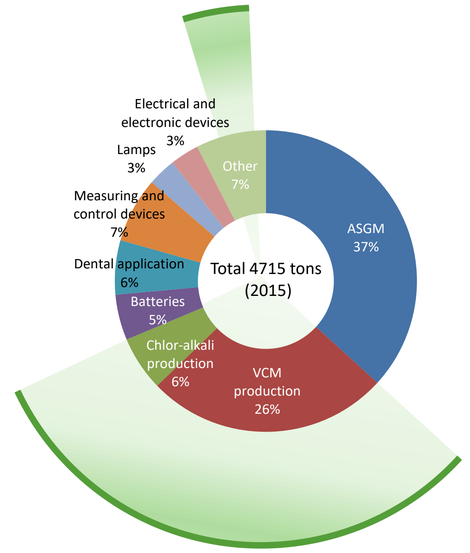
- Sample concept note,
- Sample programme,
- Sample group exercises,
- Self-test/evaluation forms,
- Supplementary information such as emission factors, customs code (HS), mass flow examples, survey design, etc.

## Editable PPT slides

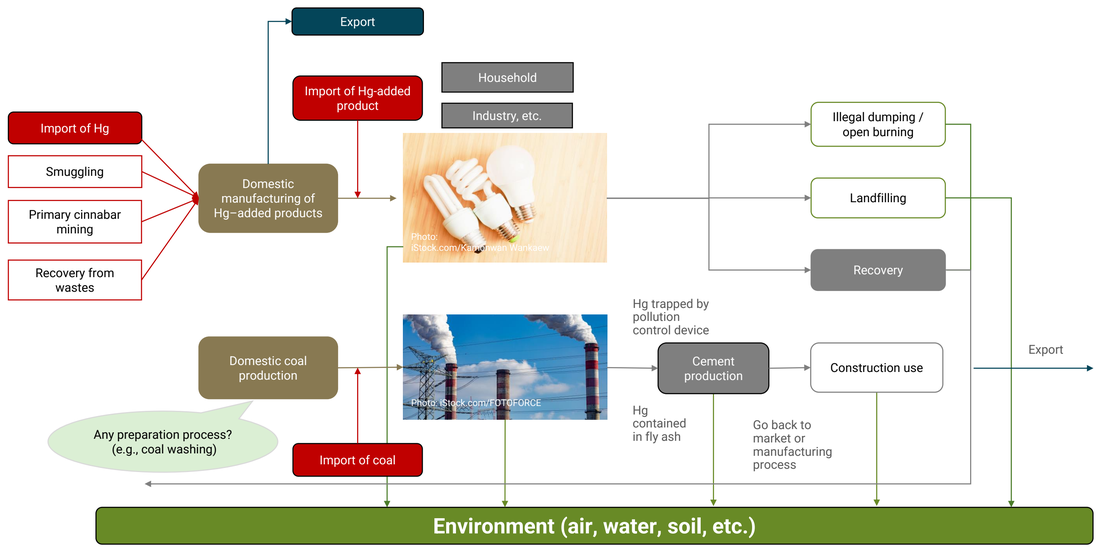
The training package includes lecture slides with pre-recorded narration with which organizer can arrange 'custom-made' slide decks for its own training programme. Plenty of visuals and examples facilitates the understanding of the topics.




Mass balance equations




Mercury use for industrial processes




Example of mercury mass flow