

# Technical Cooperation on Mercury Management in Indonesia

Mercury Management Office Itsuki (Suki) KURODA













- 1. MOYAI Initiative
- 2. MOEJ's Technical cooperation to Indonesia
- 3. Health sector (mercury containing thermometer and sphygmomanometer)
- 4. Inventory and material flow development
- 5. Other cooperation



# MOYAI Initiative



# - A Moyai-line linking Minamata and the World - Rev.1

### **Supporting Developing Countries**

#### MINAS:

Moyai Initiative for Networking, Assessment and Strengthening

**Networking:** Building networks of mercuryrelated activities (e.g. monitoring) and information between Japan and partner countries

Assessment: Accelerating developing countries' efforts by supporting their situation assessments, taking advantage of Japan's experiences

**Strengthening:** Strengthening developing countries' mercury management by providing Japan's advanced technologies and know-how

### **Leading Voices from Minamata**

Awareness about the Convention: Holding Convention-related events and disseminating messages to the world

Technology and Knowledge Sharing: Introducing simple mercury analysis method, and hosting international academic forum on mercury

Environmental Rehabilitation: Supporting Minamata disease patients, promoting 'Moyainaoshi' activities, and revitalizing society and its economy through environmental means

Supporting developing countries for the ratification / implementation of the Convention

Disseminating Model Case of Pollution Control and Environmental Rehabilitation

# **Knotting Economy-Environment Moyai-line**

## **MOEJ's Technical cooperation**



- Key principles
  - Focus on activities for supporting implementation of the NAPs
  - Supporting development of data of flow/emission of mercury
  - Promoting B-to-B technical matchmaking
  - Cooperation with other donors and avoid duplication

#### **Manufacture**

-50% reduction of Hg use in product manufacturing by 2030

#### **Energy**

-33.2% reduction of Hg emission from energy sector (i.e., coal combustion) by 2030

\*Promote B-to-B technical cooperation through JCOAL

Indonesian National Action Plans (NAPs) (Presidential Regulation No. 21/2019)

#### **ASGM**

-Elimination of Hg use by 2025
\*Training / human resource development through Prof.
Murao (Daiichi Institute of Technology)

#### Health

-Elimination of Hg-containing medical device in health sector by 2020

\*Development of JAIF project and provide technical inputs



#### Hg data development

- Training on mercury monitoring
- Monitoring of mercury emission from landfill site and open burning
- Training of development of Hg emission inventory and Hg material flow (under planning)

# Development of Capacity for the Substitution & ESM of Mercury-containing Medical Measuring Devices



### **Funds**

**Japan-ASEAN Integration Fund (JAIF)** 

## Overall objective of the project:

Preventing the adverse impacts of mercury on health and the environment through the environmentally sound management, namely used thermometers and sphygmomanometers, in the

**ASEAN Member States.** 

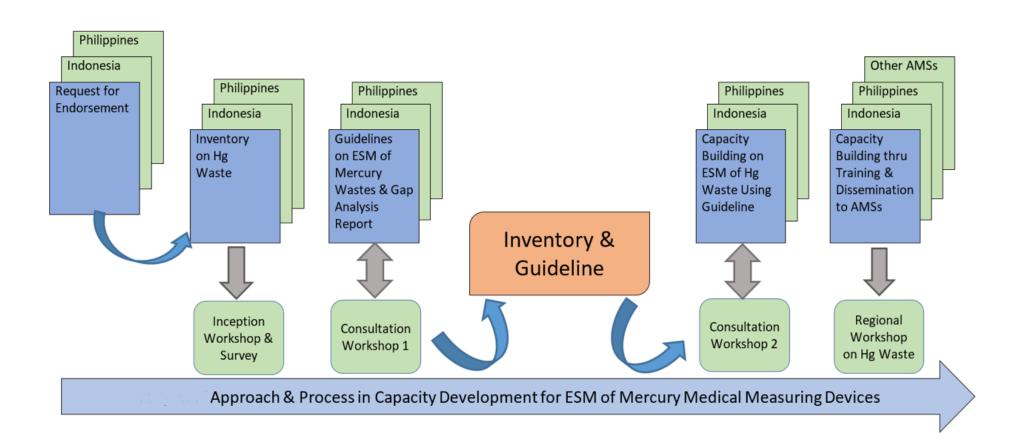




**Target Countries**: Indonesia and the Philippines

## **JAIF project: Approach & Process**





## **Progress of the JAIF Project in Indonesia**



Inception Workshop of mercury-containing medical devices management project in Indonesia, 11-12 March 2020, Jakarta

•commitment to support the national mercury phase-out target of 100 percent in healthcare sector relevant participants

•draft outline of the inventory & draft outline of the guideline





Kick-off Meeting for the project: Development of Capacity for ESM of Mercury-containing Medical Measuring Devices, 18-19 Nov 2019, Jakarta



Workplan of activities

Field visits to healthcare facilities (medium & large hospitals)

# Training on Hg inventory and material flow development

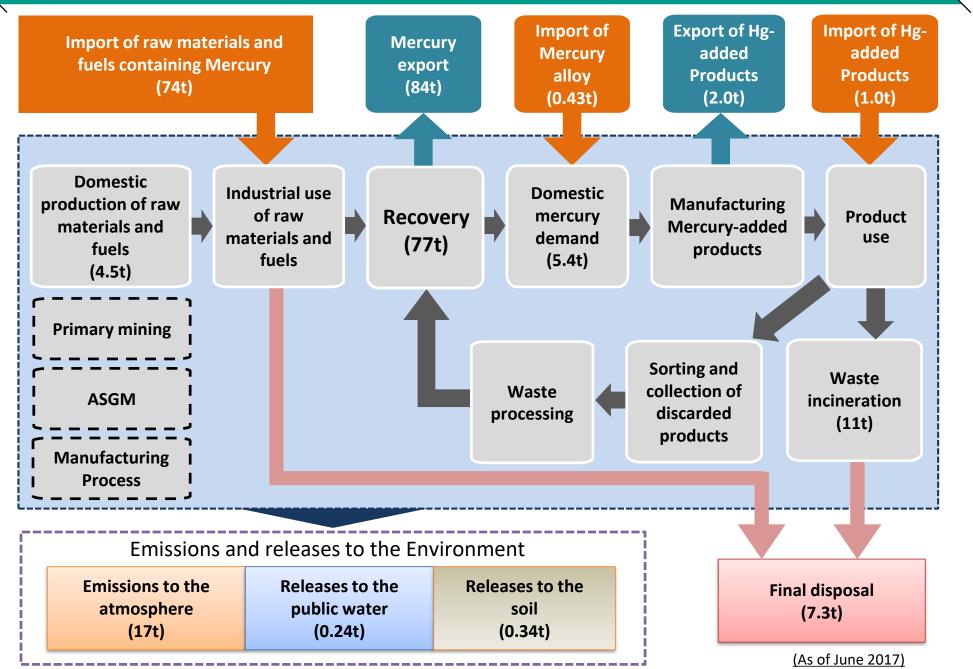




- In 2019, MOEJ organized training programme on mercury inventory and material flow development in Tokyo
- 9 experts from 3 countries were invited (Malaysia, Philippines, Vietnam were invited)
- Online training programme is now under planning in cooperation with UNEP in March 2021.
- In the future, face-to-face training would be organized targeting Indonesia

## **Mercury Material Flow in Japan (FY2014)**





## Minamata visit with Indonesian officials





February 2020

## Towards COP4



- 1. Support to Implementation of National Action Plan on Mercury Management
- 2. Cooperation at COP-4 MinamataConvention through facilitation of 2 side events regarding:
- effective public awareness raising including impact to public health;
- > measurement and monitoring mercury in the environmental media.

