

MOEJ/GEC Feasibility Study Programme on NAMAs

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MOEJ/GEC

Feasibility Study (FS) Programme

- **Global Environment Centre Foundation (GEC)** serves as the secretariat of the **FS Programme**, commissioned by **the Ministry of the Environment, Japan (MOEJ)**.
 - FS Programme on CDM & JI: 1999 – present
 - FS Programme on New Mechanisms: began in 2010
- FS proposals are invited from Japanese private entities and NGOs.

Objectives of New Mechanism FS Programme

- To acquire useful information based on concrete projects/activities (case studies)
- To disseminate FS results to create shared visions on New Mechanisms among Parties and other stakeholders
- To provide possible proposals to establish MRV criteria/standards
- To consider what options to generate transferable carbon credits are feasible and acceptable
- To promote discussions on ways to mobilise public funding and private investment into climate change mitigation measures

Agenda of Feasibility Studies

- FS is conducted by Japanese private entity/NGO, collaborated with host country partners, under the following agenda:
 - Survey current practices and existing and future policies and strategies in host country
 - Collect existing necessary data; acquire data not archived
 - Consider the Reference Scenario as well as BaU and/or alternative baseline scenarios, and propose options to set up Reference Scenario in host country
 - Consider how to monitor GHG emission reductions
 - Investigate how to ensure MRV of GHG emission reductions
 - Provide possible inputs/literature to promote international negotiations on New Mechanisms

NAMA FS 2010 (on-going)

- 3 NAMA Feasibility Studies selected through public call for proposals process are being undertaken from August 2010.
 - FS for NAMA in Waste & Wastewater Management Sector in **Thailand**
 - FS on Transportation NAMA in **Lao PDR**
 - FS on NAMA for Sustainable Peatland Management in **Indonesia**

NAMA FS: Waste & Wastewater Management Sector in Thailand

Proposed methodology for developing NAMA Plans and selecting Priority NAMA Projects:

“Seven Steps for NAMA Planning”

Step 1: Review related policies/plans and the progress in NAMA sector

Step 2: Set reference scenarios in the NAMA sector

Step 3: Set ‘NAMA Targets’ in the NAMA Sector

Step 4: Develop Priority NAMA Projects in the NAMA Sector

Step 5: Establish MRV methodologies for NAMA Plans

NAMA Plan

Step 6: Identify possible financial resources for implementing NAMA plans

Step 7: Consider possible schedule for implementing NAMA plans

NAMA FS: Waste & Wastewater Management Sector in Thailand

<Possible Options> *for example...*

- Municipal solid wastes → **NOT** open dumping
 - Introduction of semi-aerobic treatment methods
 - Composting of organic wastes
 - Introduction of incinerators (for mega-cities)
- Organic wastewater → **NOT** open lagoon
 - Utilisation of methane recovered through anaerobic digesters

NAMA FS: Transportation in Lao PDR

- Based on Vientiane Urban Transport Master Plan:

- Road Network Development
(e.g. expansion of road width)
- Public Transport Development
(e.g. introduction of BRT system)
- Traffic Management & Safety
(e.g. construction of traffic lights)



→ reduce total traffic volume and GHG emissions

- Estimate existing and future traffic volume through simulation with models

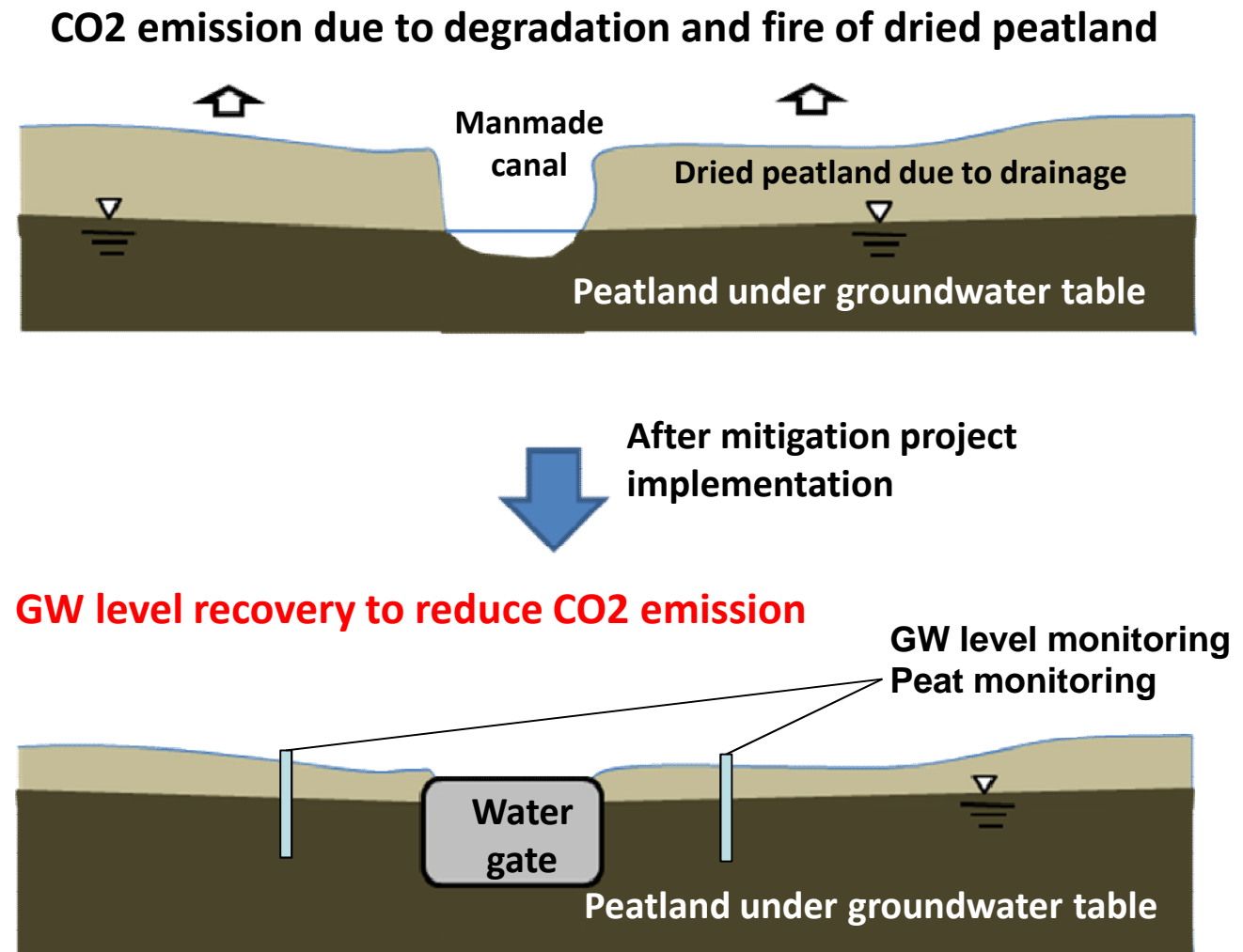
→ traffic volume reduction = GHG reduction

NAMA FS:

Peatland Management in Indonesia

Reduction of Peatland CO2 Emissions

due to
decomposition
and fires caused
by manmade
canals in
Sumatra.



Expected outcomes from NAMA FS

- Identified and collected necessary data or specified way(s) to estimate/calculate GHG emissions in the surveyed area/sector
- GHG mitigation effects achieved through implementation of proposed NAMAs
- Proposed reference scenario set for the surveyed area/sector in host country
- Quantified GHG reductions, with reasonable monitoring procedures to be established (=M)
- Trustable reporting process (=R)
- Possible verification functions at domestic/ international level (=V)
- Enhanced capacity in host country (gov. and private)

THANK YOU!

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