

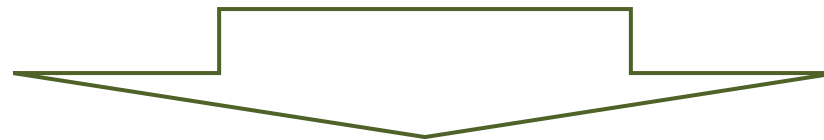
13 January 2023

Introduction of “Model Project for Improvement of Water Environment in Asia”

Water Environment Division,
Environmental Management Bureau,
Ministry of the Environment, Japan

Model Project for Improvement of Water Environment in Asia

Addressing water pollution issues
using Japanese Technology



Water Environment Conservation in Asia

Model Project for Improvement of Water Environment in Asia

- To support the improvement of water environment in Asia-Pacific by disseminating appropriate water treatment and related technologies by Japanese private sectors.

Public inviting of project proposals



First year

MOEJ decides approved projects and gives financial support.

Feasibility Study



Second year

Pilot Project



Third year

Developing Business Models



- So far, a total of 33 projects have been approved, and 2 projects have been approved in India.
- Approved projects are in the fields of; domestic wastewater treatment, Industrial wastewater treatment, Phosphorus resource recovery system, control of Non-point source pollution.

Model Project for Improvement of Water Environment in Asia

Challenges

- Cooperation of local actors including the governments is key to the smooth project implementation.
- Facilities and O&M cost, strong enforcement of pollution control laws by local governments and capacity development in management, O&M can be challenge for commercialization.



Today's presentations

Presentation	Organization
Ganges River Purification Plan and Johkasou Installation Project	Daiki Axis Co., Ltd.*
Project for Improving the Water Quality from the Wastewater Treatment Facility and its Operation in Fishery Processing Factories	Hiyoshi Corporation*
Business Development in Sewage Treatment in India	Toshiba Water Solutions Private Limited
Business Development in Sludge Treatment in India	AMCON INC.
NJS: Our Activity in India and A Pilot Project Overview under MOE Japan	NJS Co., Ltd.*

*Model Project Implementers

Model Project Implementers

City/ Country	Project Name [Implementer]	Classification	Technology	Fiscal Year [Project Stage]
Selangor/ Malaysia	Johkasou Introduction Project for Domestic Wastewater Treatment Improvement in Malaysia [Japan Education Center of Environmental Sanitation (JECES) Daiki Axis Co., Ltd. , etc.]	Domestic WW	Johkasou	2014 [FS] 2015-2016 [PS]
Da Nang/ Viet Nam	Project for Improving the Water Quality from the Wastewater Treatment Facility and its Operation in Fishery Processing Factories [KANSO TECHNOS Co., Ltd., HIYOSHI Cooperation, etc.]	Fishery processing WW	Bioaffinity Polyvinyl alcohol (PVA) gel	2014 [FS] 2015-2016 [PS]
Kota Kinabalu/ Malaysia	Pilot Project for Emergency Measures to Improve the Water Environment in the Likas Bay, Kota Kinabalu, Malaysia [NJS Consultants Co., Ltd., etc.]	Lagoon purification	DHS(Downflow Hanging Sponge)	2019 [FS] 2020-2021 [PS]

[Project Stage] FS : Feasibility Study, PS : Pilot Study