

# National Implementing Entities apply lessons learned from Indonesia ecosystem-based projects



The Indonesia Partnership for Governance Reform, or Kemitraan, hosted the Adaptation Fund Country Exchange from June 5-9, bringing together 19 National Implementing Entities (NIEs) from around the globe. The Exchange took place in the coastal cities of Semarang and Pekalongan located in the Central Java Province, which is particularly vulnerable to the impacts of climate change.

Participants saw firsthand these impacts while visiting the affected areas. NIE participants were able to interact with various officials directly involved with the project and hear lessons learned from Kemitraan, along with innovative approaches to eco-based adaptation.

In addition, the NIEs were able to share their project challenges and successes during a Knowledge Fair. It was the largest in-person gathering of NIEs at an Exchange (19). The fair aimed to promote the sharing of knowledge and lessons learned from NIE projects and identify effective strategies for addressing climate change impacts.



*NIE representatives, Adaptation Fund staff, and NIE executing entities plant mangrove trees at site impacted by sea-level rise - Pekalongan City - photo AF*



**ADAPTATION FUND**

## 2023 Country Exchange Indonesia



# THE EXCHANGE

The country exchange facilitated direct experience and cross learning of the full project life cycle based on the Kemitraan Ecosystem-based Adaptation project. Following two days of direct interaction with project representatives, participants spent two days in Pekalongan City where they saw the effects of sea level rise on a neighborhood bearing the impact of daily coastal flooding and land subsidence

After just six months following the Exchange, five NIEs are already applying the lessons learned to their projects and strengthening their local capacity. These applications are reflected in this brochure.



*Above: NIE representatives, Adaptation Fund staff, and Indonesia executing entities are presented with the mangrove information center - Pekalongan City - Bottom left: NIEs share project experiences during knowledge fair - photos AF*



## CHILE - Intensify on-site visits

Based on the experience of KEMITRAAN and other NIEs, The Chilean Agency for Cooperation and Development recognized the importance of intensifying on-site visits to the projects they are executing. Due to their limited human resources, monitoring is primarily conducted online, with only occasional field visits during significant activities. With increased on-site monitoring, they expect to gain better insights into the needs of the executing entity and anticipate complex execution situations.

Marco Orellana  
Program Coordinator  
AGCID Chile



## BANGLADESH - Mimic fisheries

The Palli Karma-Sahayak Foundation (PKSF) of Bangladesh took inspiration from the integrated mangrove-fisheries activity visited at the Fisheries Research center, specifically the crab culture and mangrove plantation found within a large catchment pond.

Kemitraan partners with the sub-district, as well as local universities, to conduct studies on the fishery. The fishery contains milk fish, tilapia, and crabs. Once the fish and crabs are mature, they are sold to the local community.

PKSF plans to implement this activity along their project coastal areas.

Md. Rabi Uzzaman  
Manager Environment and Climate  
Change  
PKSF Bangladesh

## INDIA - Experiment with mangrove planting techniques

Based on observations at the mangrove forest site outside of Pekalongan City, The National Bank for Agriculture and Rural Development (NABARD) plans to experiment with the bamboo chute planting technique. This technique involves the insertion of a mangrove sapling into a long bamboo chute, which helps the sapling take root in deep water - up to two meters. After a few years, the bamboo chute breaks away. NABARD believes it is worth exploring to help with mangrove planting in deeper water.

Sanjoy Ghosh  
General Manager  
NABARD India



*Left: Fish and crab fishery in Pekalongan City - NIEs were able to directly observe and interact with the managers of the facility. Right: Bamboo chute demo for mangrove saplings.*

## ARMENIA - Establish bi-lateral communication

The geographical conditions of Armenia and varying climate related issues do not allow for the replication of good practices implemented in Pekalongan city. Nevertheless, the experience of KEMITRAAN in combating land subsidence and their innovative approaches towards early warning systems have highly interested the Environmental Project Implementation Unit of Armenia (EPIU) and become one of the reasons to collaborate further.

Currently, official bilateral communication is proceeding with KEMITRAAN on the scope of cooperation. Moreover, the delegation members proposed the organization of a local knowledge fair in Armenia, during which knowledge generated during Country Exchange in Indonesia will be represented to EPIU staff members to disseminate the knowledge and strengthen their capacities.

Armen Khojoyan  
Deputy Director  
Environmental Project Implementation Unit SA  
Armenia

## BHUTAN - Adopt monitoring system

The Bhutan Trust Fund for Environmental Conservation (BT FEC) plans to develop and adopt a monitoring system similar to the one being used by Kemitraan. Such a system would ensure that the Adaptation Fund projects are consistently monitored for effective implementation. Moreover, a well-designed monitoring system can also be used for monitoring BT FEC's grants to ensure project effectiveness and impact.

Mr. Leki Tshewang  
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More information on NIE climate adaptation activities and knowledge fair can be found [here](#).

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