Lessons from Corporate Water Stewardship on cooperation for watershed preservation – focus on South-East Asia

Nathalie Dörfliger, Watershed Sciences and Stewardship Director, DANONE

With CEO Water Mandate
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Gerakan Rejoso Kita: Preserving Rejoso Watershed through ecosystem service scheme, sustainable agriculture and water efficiency practices

Protect and restore ecosystems and forests

Ensure sustainable agricultural practices, including water productivity and efficiency, reduction of diffuse pollution,

Engage and empower rural communities to be the drivers of social-economic development through water

Implement IWRM at all levels

2016-2019 Phase 1
2019-2022 Phase 2
Phase 3 TBD
Pasuruan Watershed – North Flank Bromo Tengger Volcano

GROUNDWATER Resource

Deforestation Erosion Landslides
Illegal mining
Growing population
Economic development

> 600 free flowing artesian wells

Agriculture

Water supply Surabaya city

Umbulan Spring

Umbulan spring trend

RISK of Water Scarcity, of social crisis

75% Landuse

DANONE
ONE PLANET. ONE HEALTH
AQUA

DANONE
ECOSYSTEM
World Agroforestry
Rabobank Foundation

WORLD WATER COUNCIL
REPUBLIQUE DU SENEGAL, Un Peuple – Un But – Une Foi

9 World Water Forum 2022
Collective solutions
Share the risks through mechanisms protecting the nature, the people & the economic activities of stakeholders

**UPSTREAM**
Agroforestry
174 farmers, 106.6 ha
Payment for Ecosystem Services
Improve water infiltration on the watershed
Apps monitoring and carbon trade transaction

**DOWNSTREAM**
Climate Smart agriculture – paddy cultivation & proper wells management
184 farmers, 65.1 ha
Incentives (Grants and Loans) Rabo Foundation
Improving water efficiency, lowering GHG and
Improving rice yield
Lessons learned
Integration of public and private sector partnership and initiatives mediated by MSF

**Landscape approach for diagnosis**
- To share gained knowledge
- To build responses on sciences

**Governance for collective & transparent planning and decision**
- Integration of Private sector initiative
- Regular interaction by local institution

**Revenue mechanism and Payment**
- Bankable business models for Climate smart agriculture
- Incentives essential to engage farmers

**Ecosystem services**
- Learning by doing & engagement [monitoring]
- Advocacy towards behavior and policy changes

**Implementation for preservation**
Build on Watershed Forum to SCALE UP solutions

Embarking all private and public stakeholders to guarantee long term water sustainability and economic resilience
“Thank you, Danone and ICRAF for teaching us better practices of paddy cultivation. Practices really increase the grain yield, and we can get better revenue from the same area size.”

Pak Ma'ruf in Gading District

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Thank you for your attention

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