



REPUBLIQUE DU SENEGAL
Un Peuple – Un But – Une Foi



3A1 - “Building a cross-sectoral governance without boundaries at all levels”



9TH WORLD WATER
FORUM | DAKAR 2022

*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

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

Nathalie Dörfliger

Watershed Sciences and Stewardship Director, DANONE





Rejoso Kita – East Java



LABEL
Dakar 2022 Initiative

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INDONESIA



- 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

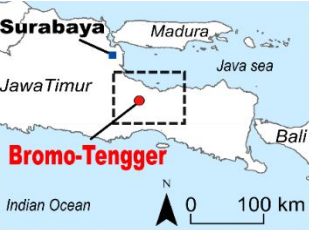
Gerakan Rejoso Kita:
Preserving Rejoso Watershed through ecosystem service scheme, sustainable agriculture and water efficiency practices

2016-2019 Phase 1

2019-2022 Phase 2

Phase 3 TBD





Pasuruan Watershed – North Flank Bromo Tengger Volcano

GROUNDWATER Resource



> 600 free flowing artesian wells

Agriculture



75% Landuse



Umbulan Spring

Water supply
Surabaya city



Deforestation Erosion
Landslides



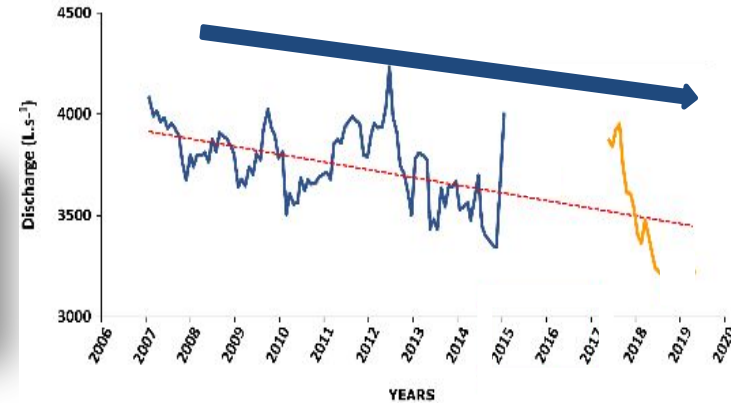
Illegal mining

Growing population

Economic development



Umbulan spring trend



RISK of Water Scarcity, of
social crisis





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

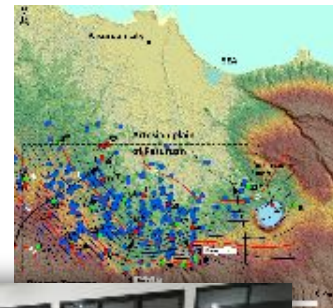


Lessons learned

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 Ecosystem services

- Bankable business models for Climate smart agriculture
- Incentives essential to engage farmers



Implementation for preservation

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



Build on Watershed Forum to SCALE UP solutions



Embarking all private and public stakeholders to guarantee long term water sustainability and economic resilience



**WE SUPPORT
CEO
WATER
MANDATE**



**WE SUPPORT
WATER
RESILIENCE
COALITION**



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“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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DANONE
ONE PLANET . ONE HEALTH

Thank you for your attention

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