

Blue Deal Indonesia

Water Platform meeting Indonesia

December 10, 2024



Introducing myself and the team



Robin Bos

Policy Advisor/ Proces manager

Department for Wastewater transport and treatment

Hoogheemraadschap Hollands Noorderkwartier



Team Blue Deal Pekalongan



Team Blue Deal Indonesia



Introducing myself and the team



PROGRAMBUREAU



Peter Hollanders
General project manager
Blue Deal Indonesia



Veerle van Loevezijn
Advisor Water
Governance



Henni Hendarti
Local representative

BD-NL PROJECTTEAM PEKALONGAN

Main team: participating
every visit

Flexible team:
participating visit when
expertise is needed



Marcel Roet
Project manager
Pekalongan



Robin Bos
Advisor wastewater



Luuk van Elk
Hydrological advisor



Ben Eenkhoorn
Advisor
Water quality
and ecology



Dirk Koot
Wastewater
expert



Britt Koppes
Advisor regional
watermanagement

Blue Deal



Co-Financing:



Ministry of Foreign Affairs of the
Netherlands



Ministry of Infrastructure
and Water Management

Time and expertise:

 **DUTCH WATER
AUTHORITIES**

Blue Deal – worldwide



15 countries:

Argentina, Burkina Faso, Colombia, eSwatini, Ethiopia, Ghana, Indonesia, Kenya, Mali, Mozambique, Palestinian territories, Peru, Romania, Vietnam, South-Africa

2018-2030

Blue Deal is about...



- Long term peer to peer partnership with local governments (2018-2030)
- Learning from each other, equal partnership
- Working on the principles of good water governance
- Capacity building of local government
- No investments, but bringing in knowledge and expertise
- Co-operation with other programs
- Leverage, attracting additional funding
- Flood management, climate adaptation, water quality, O&M, CZM, IWRM

Three layers of Watergovernance



Knowledge (or content) layer

Policy, information, knowledge and expertise/skills

Institutional layer

Organisation, legislation, financing

Relational layer

Culture, ethics, communication, cooperation, participation

Twelve principles of Water governance



Content	Capacity (knowledge and skills) Operation & Maintenance Monitoring & evaluation Data & information
Institutional	Clear roles and responsibilities Financing Regulatory frameworks Managing water at the appropriate scales
Relational	Integrity & transparency Stakeholder participation Trade-offs across users, rural and urban areas, and generations Policy coherence

Blue Deal Indonesia



3 regions
4 partnerships
5-7 Dutch Water
Authorities

Blue Deal Indonesia is part of the bilateral co-operation NL-IND
(MoU with Ministry of Public Works and Housing PUPR)



All partner cooperation activities



- Nov 2022: WGA , Stakeholder Analyses, Factor & Actor Mapping, M&E framework - meeting all partners - Semarang
- June 2023: International Blue Deal Conference Amsterdam (expert teams visit NL)
- June/Oct/Dec 2023: Semarang/Pekalongan/Tangerang Officials visit the Netherlands
- Dutch experts visit IND twice a year (for all three teams)
- Specific training visits Indonesian staff to NL (June 2024, ... 2025?)
- Training Water Governance and IWRM (Indonesia, spring 2025)
- Blue Deal working with Young Expert Program (YEP)
- Support of NWB funds (additional budget for projects and training of new Blue Deal team members)



Focus activities all three areas



Project area	Activities
Tangerang	<ul style="list-style-type: none">• Flood risk management in urban area (improvement design retention basin and widening/cleaning canals)• Coastal zone management (NbS reforestation of mangroves, stakeholder engagement and collaboration)
Semarang	<ul style="list-style-type: none">• Flood risk management (SOP's , improvement of management and decision making in relation to flood management)
Pekalongan	<ul style="list-style-type: none">• Flood risk management (basic control room or warning system for flood management)• Treatment of batik wastewater (improvement IPAL and pilot project Mikro IPAL with NbS constructed wetland system)• Study sustainable energy (for Breml Meduri Polder by use of solar panels)• Stakeholdermanagement

Zooming in on the Pekalongan project



Geography

- Pekalongan city on north side of central Java
- about 350.000 inhabitants
- area of 45km²
- 8 districts
- Main port region
- Large batik (textile) industry
- Partially below sea level

Challenges

- Groundwater abstractions households and industry
- Land subsidence
- Rising sea level
- Flooding from sea and rivers
- Pollution from batik industry



Pekalongan flooding

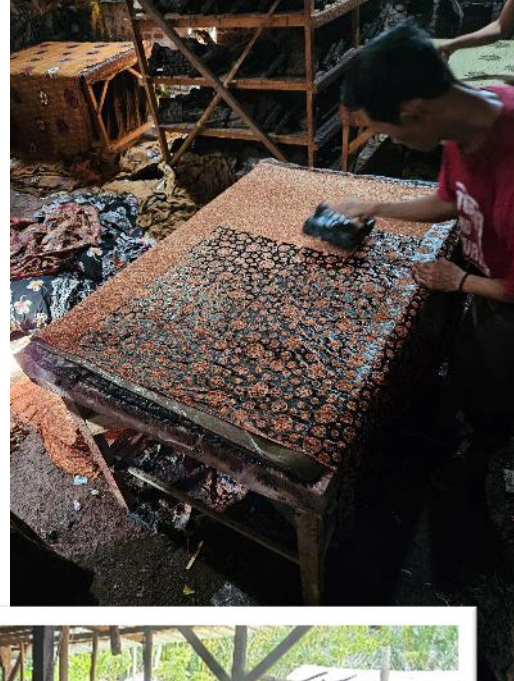


Pollution from batik production

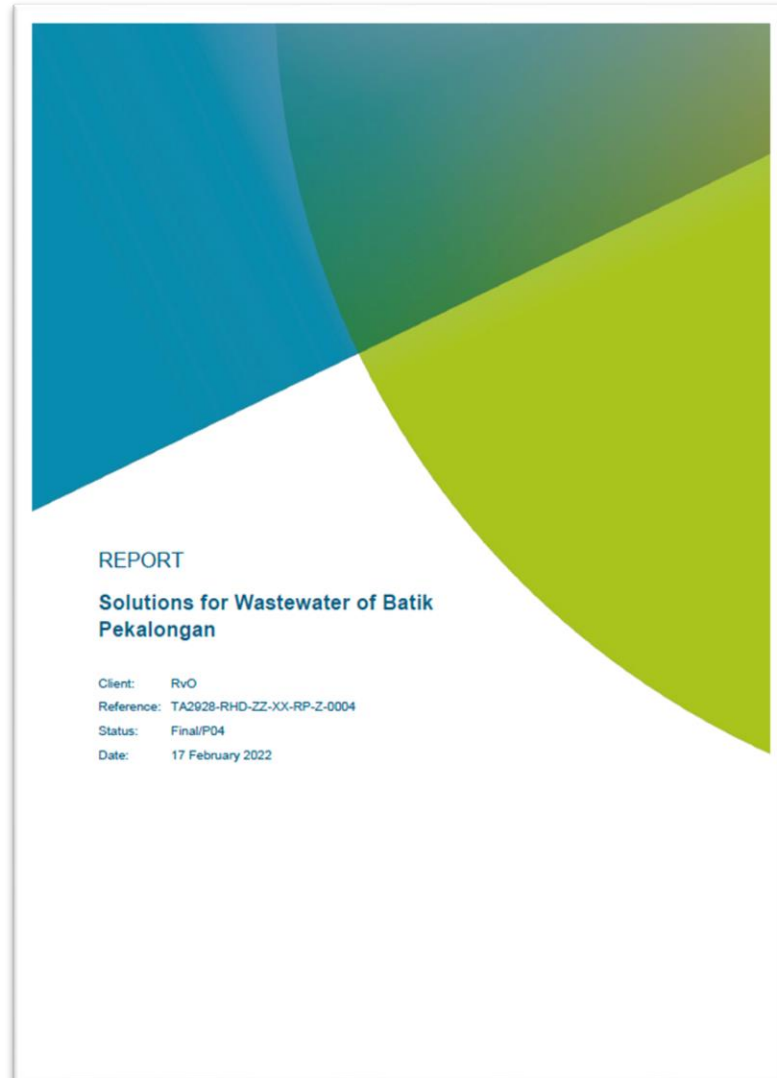


detik.com

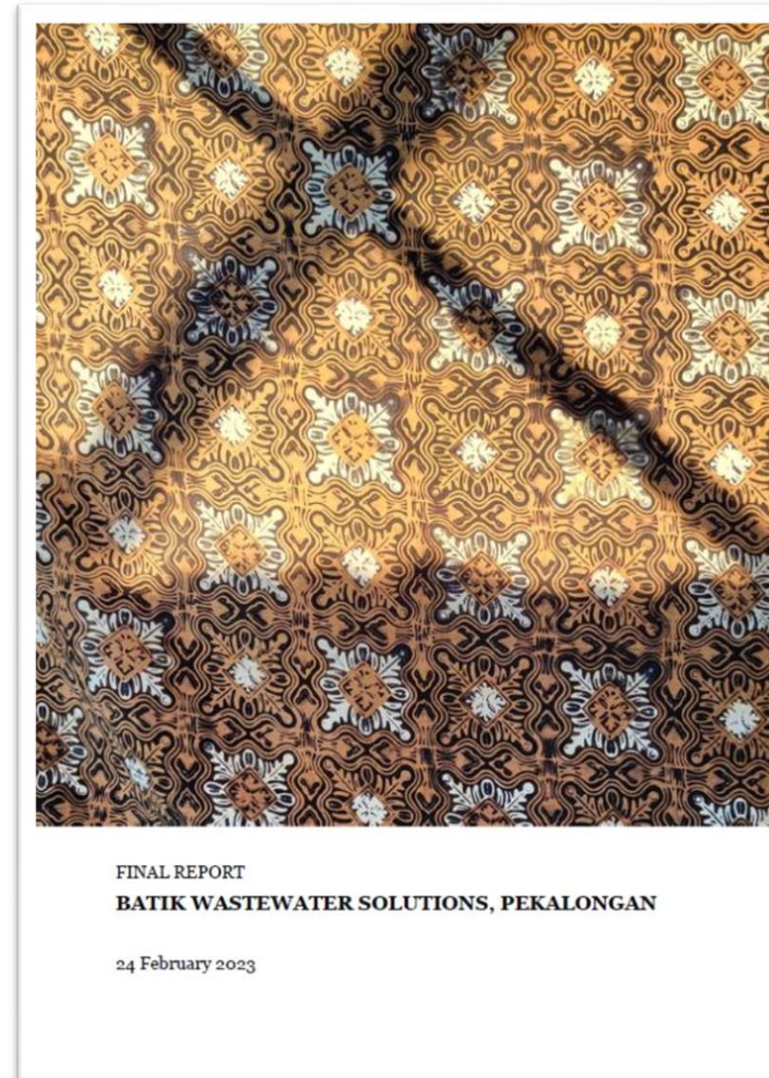
Pekalongan batik production



Previous studies from PvW/RVO



RHDHV report

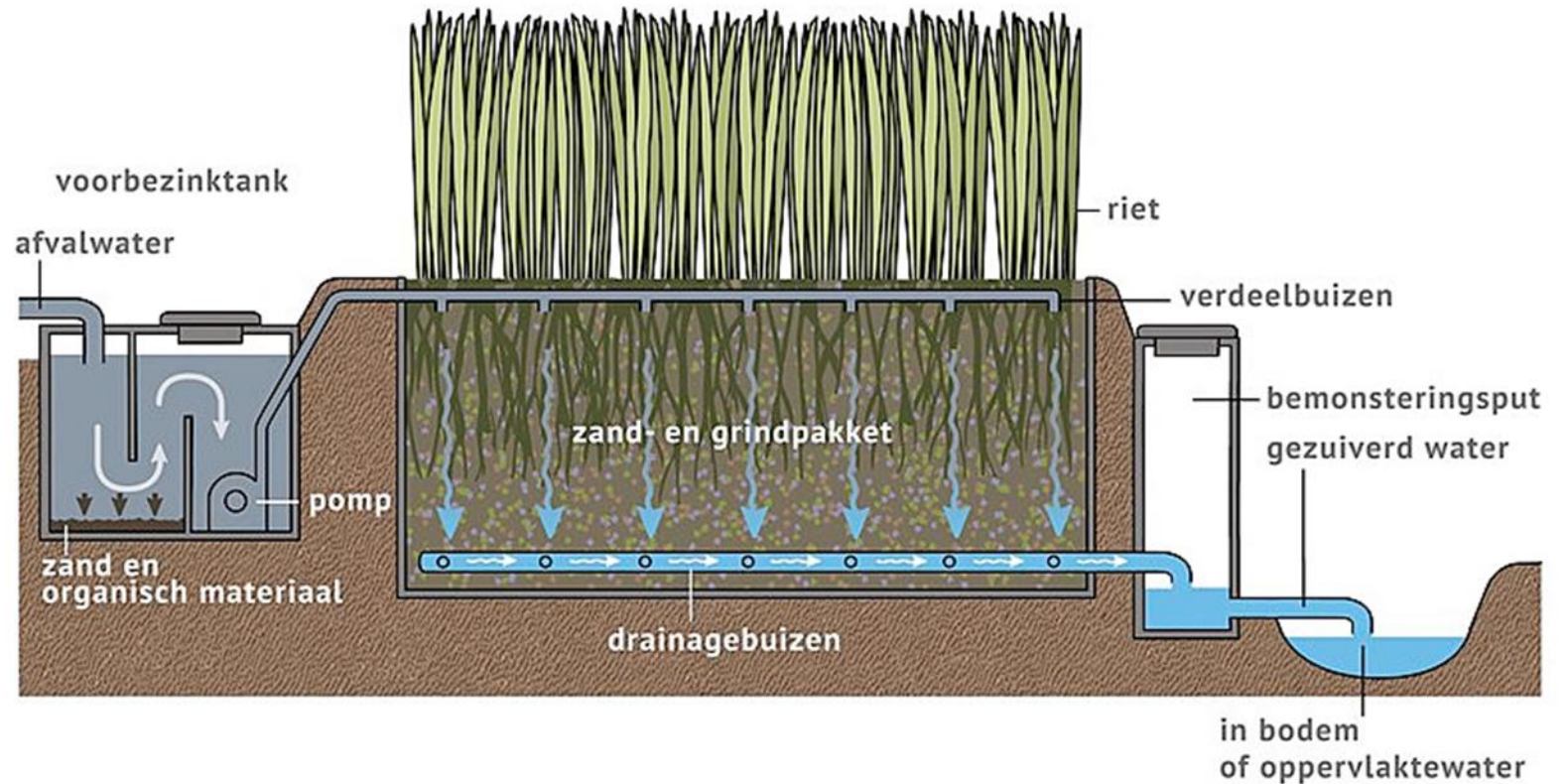


The Water Agency report

Pekalongan batik wastewater treatment



Mikro IPAL Demonstration project



Co-operation and leverage



- Co-operation and influence on level of Catchment area (BBWS), Province (Jawa Tengah) and Ministry (PUPR)
- NWB fund (KIWI program, NbS Mikro IPAL pilot, study on sustainable energy)
- Partners for Water: new project on Green Batik (TWA and partners)
- WaterWorX
- Universities (Undip, Unikal)
- Young Expert Programme (YEP)
- Contact with Development Banks (Asian, Islamic)

Terima Kasih

Thank you

