

The ADB logo is a blue square with the letters 'ADB' in white serif font.

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The background image shows two women in a rural setting. In the foreground, a woman wearing a blue long-sleeved shirt with a patterned collar and a traditional conical hat is riding a bicycle. She is carrying a large bundle of green plants or weeds in the front basket. In the background, another woman in a similar hat is also riding a bicycle on a dirt path. The path is flanked by lush green vegetation, including tall corn plants on the right and flowering bushes on the left. The overall scene is bright and sunny.

An Overview **INDONESIA** **WATER SECURITY PROGRAM**

Investing in Poverty Alleviation

OUR APPROACH



ALIGNMENT WITH RPJMN MAJOR PROJECTS:

- North Java Coast, 100% water supply coverage, and modern irrigation



CATALYZING THE USE OF HIGH-LEVEL AND DIGITAL TECHNOLOGIES

for planning, engineering and operation and maintenance (O&M)



LEVERAGING PARTNERSHIPS AND KNOWLEDGE SOLUTIONS

for innovations, build in country capacity, and quality upstream analysis



LEVERAGING FINANCING

from government, development partners and the private sector



ENGAGING WOMEN AND COMMUNITIES

in planning, implementation and O&M



STRENGTHENING REGULATORY FRAMEWORKS AND PROCESSES

towards efficient O&M

WATER SECURITY: OUR INVESTMENTS



INTEGRATED FLOOD RESILIENCE

bringing together soft and infrastructure investments



IRRIGATED AGRICULTURE

towards greater water efficiency, improved farming productivity and profitability; and environmental sustainability



INFRASTRUCTURE O&M

to sustain function of investments and improve budget efficiency



SOURCE TO TAP

bringing upstream and downstream actors to work together for comprehensive water supply development



READINESS AND BANKABILITY OF INVESTMENTS

through rigorous planning and robust engineering



PLANNING & TECHNOLOGY

innovation for smart infrastructure planning and monitoring

Flood Management and Coastal Protection in North Java Project (Proposed)

Implementation: 2022 - 2028

Financing: sovereign, \$250 million (OCR)



Subset of Coastline Changes Map 1975-2018 for Jratunsekuna river watershed, East of Semarang, Central Java, Indonesia. Visible influence of Ground subsidence, level rise and anthropogenic structures development (sea port infrastructure). Below source imageries.



Approach/Design. The project promotes an integrated water resources management approach to Improve flood resilience and raw water supply (RWS) in the in the Pemali - Juana and Cimanuk-Cisanggarung river basins in North Java. The project will also support the Ministry of Public Works and Housing in introducing Flood Forecasting and Early Warning System and river and RWS asset management, and institutional strengthening and capacity of river basin organizations in managing data.

The project will finance construction of Detailed Engineering Designs and readiness works financed through 3455-INO: Accelerating Infrastructure Delivery through Better Engineering Services Project (ESP). The project will introduce satellite based technology to better manage floods and nature based solution towards greener infrastructure.

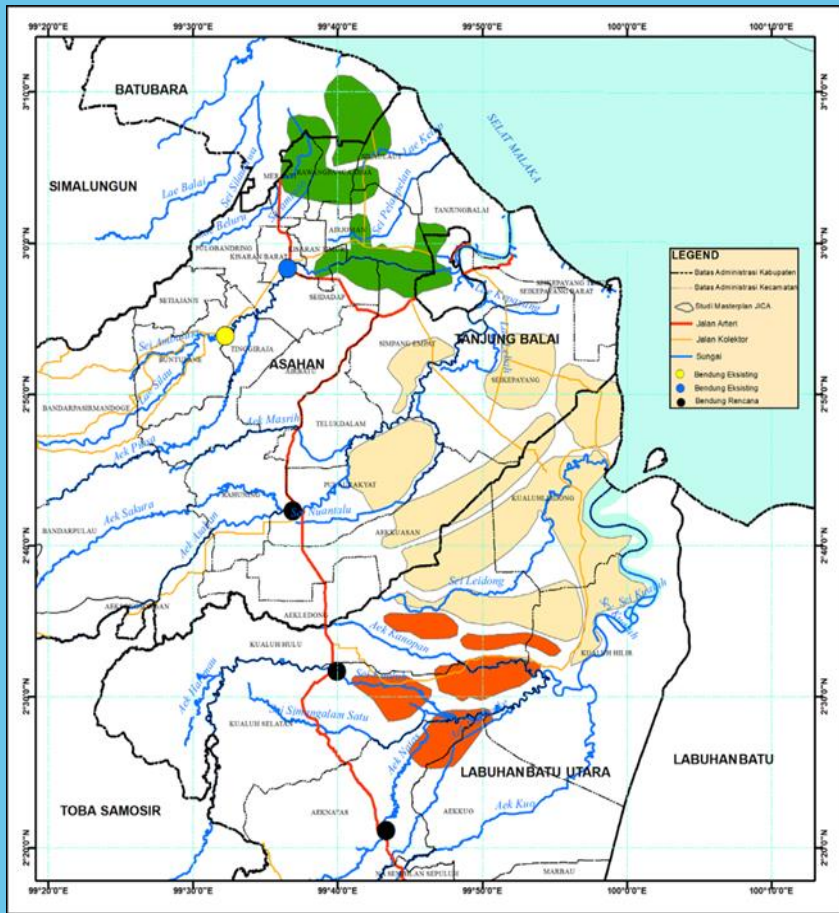
Progress. Hydraulic analysis and surveys are being prepared under ESP. The ADB Team is providing technical support to ensure that ESP (i) is preparing technically sound and climate proof engineering designs; (ii) is introducing innovations, and (iii) social and environment safeguards, and economic and financial analysis are compliant with ADB standards

Asahan Irrigation Development in North Sumatera (proposed)



Implementation: 2023 - 2029

Financing: \$200 million



Approach/Design: The project will finance construction of Detailed Engineering Designs and readiness works financed through Loan 3455-INO: Accelerating Infrastructure Delivery through Better Engineering Services Project (ESP) for the Asahan irrigation system in North Sumatra.

The project will promote efficient and integrated irrigation and agriculture system through a corporatized farming approach, linking farmers to market and developing agriculture value chain.

Progress: The master plan is being finalized under ESP and the detailed engineering works are being carried out.





ACHIEVING IMPACT AT SCALE

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