



DELTA IN TIMES OF CLIMATE CHANGE II INTERNATIONAL CONFERENCE

OPPORTUNITIES FOR PEOPLE, SCIENCE, CITIES AND BUSINESS
ROTTERDAM THE NETHERLANDS, 24-26 SEPTEMBER 2014

Delta Sessions	
DS 3. Indonesia: NCICD, from planning to implementation	
Chair	David Schaub-Jones, SeeSaw Group, South Africa, Paul van Koppen, NWP, the Netherlands
Presentations	<ul style="list-style-type: none">• Sutanto Soedodho, deputy Governor Jakarta, Indonesia• Victor Coenen, Master Plan NCICD, Witteveen + Bos, the Netherlands• Ad Sannen, Jakarta Integrated Coastal Development Project Management Unit Support, Royal HaskoningDHV, the Netherlands• Robert Purba Sianipar, Coordinating Ministry of Economic Affairs, Indonesia

Going offshore: 'The Great Garuda and the coast of Jakarta'

The Water Partnership between Indonesia and the Netherlands goes back many years. The last decade, it has become apparent that Jakarta is facing a number of urgent water challenges: subsidence and climate change, combined with the challenges of a fast growing metropolis. The partnership between Indonesia and the Netherlands has led to a new master plan for Jakarta (NCICD), which was the main focus for this presentation. Compared to other deltas discussed in the different sessions during the delta conference, the sheer size and scale of the project in Indonesia is striking.

Sutanto Soedodho, deputy Governor Jakarta, Indonesia, outlined the cities challenges and the urgency to act. Leading up to the NCICD master plan (National Capital Integrated Coastal Development plan) were two projects where the Netherlands and Indonesia collaborated: Jakarta Flood management and the Jakarta Coastal Defence Strategy. Sutanto Soedodho stressed the need for an integrated approach for Jakarta; flood safety, economic growth, urban development and ecological balance.

Victor Coenen, teamleader master plan NCICD, (Witteveen & Bos) outlined the three possible solutions for Jakarta:

1. Abandon North Jakarta and relocate 4 million people
2. Large storage lakes in the city, with high dykes in the city and on the coast
3. Go offshore, with a large outer sea wall with pumping stations, new land created off shore

The third option is the option that was chosen for the Master plan. It offers opportunities for Jakarta and a solution for water challenges. Victor Coenen outlined the stages in the project, from urgent, quick win measures to the ultimate ambition: an iconic coastal project for Jakarta, in the shape of the 'Great Garuda', attracting investors, residents, providing space for recreation and traffic.

Ad Sannen explained the governance and planning behind the project: the many stakeholders form a formidable challenge. The management of the NCICD has been set up carefully: from the steering committee (ministers, strategic direction) the implementing body (regulation, government representatives) to the NCICD Development company (State Owned, realisation).





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Robert Purba Sianipar, from the coordinating Ministry of economic affairs, outlined the following key decisions:

1. Declaring emergency status for the National Capital's coastal zone
2. Declaring NCICD as a priority program of National strategic importance
3. Establishing the single organization to govern and implement the programme
4. Accelerate water quality improvement and piped water supply
5. Developing the required capacities and resources for programme implementation

Throughout the whole session and panel discussion, two main issues were discussed:

1. Finance and investment: how to combine public and private investments, how to organize funding, how to combine commercial viable and non-viable parts of the project.
2. Governance: how to include the many stakeholders, how to ensure continuity from the central government to local stakeholders, etc. For both issues the main conclusion was that a paradigm shift is needed.

Building blocks for a delta approach

This Session is part of nine sessions, where the 'Delta Approach' in nine deltas was discussed. Also, the twelve 'Building Blocks' for a delta approach were introduced; preconditions for sustainable delta management. The building blocks are essential for a delta approach and can be applied in all deltas. For the twelve building blocks and the online magazine and video 'The Delta Approach' see: www.dutchwatersector.com/delta

The building blocks most discussed in this session were:

1. Finance
2. Governance

