



## October 2020

### Foreword

Dear Members of the Indonesia network,

We are pleased to present you the new country update for Indonesia. As it turns out, the State Visit/Economic Mission to Indonesia in March earlier this year was likely to have been one of the last large-scale ‘physical’ events held before the world went into lockdown. The world now looks like a very different place, having had to adapt very swiftly to largely virtual work and the accelerated adoption of e-commerce to name but a few changes.

Indonesia is facing unprecedented challenges, not only in handling the public health crisis, but also in ensuring food security and economic recovery, and dealing with the severe impacts of climate change. In this edition, we would like to update you on the progress and status of a number of projects and processes, including the road to the new MoU Water (including the Dutch Water Sector survey), the cooperation with East Java Province, the National Capital Integrated Coastal Development Project (NCICD), as well as highlight a number of recent and upcoming events.

### Table of contents

1. The road to the new MoU Water
2. Cooperation East Java Province
3. NCICD project closure
4. DUTEP (Dutch Training and Exposure Program): Co-creating Resilient Cities
5. New edition Partners for Water E-Zine: Indonesia - Help with Transformation of Semarang into a Polder City
6. Events calendar

## 1. The Road to the New MoU Water

As reported in the last Country Update (April 2020), a Letter of Intent (LoI) was signed by Minister Basuki of the Indonesian Ministry of Public Works and Minister Van Nieuwenhuizen of the Netherlands Ministry of Infrastructure and Water Management on 10 March agreeing to continue the cooperation at a more strategic level and to bridge the period between May 2020 and the end of this year.

To support the strategic approach, early this year the Indonesian partners were invited to indicate their preferred areas of cooperation. Their proposal was for the cooperation to target: i) resilient cities; ii) integrated water management (including river basin management); iii) smart water; and iv) water governance. These areas are incorporated in the LoI that was signed in March. As Indonesia is also facing a major challenge in its food production capacity connected to lowland development, the request was made to add Water for Food as a fifth possible area of cooperation.

As important as it is to honour the demand driven character of the cooperation and the MoU, it is equally important to make sure the Dutch water sector is interested and able to act in the stated areas and then explore the vision and ideas of the sector. A survey was thus held (see below) and generated a very welcome response, both in numbers as well as in content. The outcome has been used in the discussions with our MoU partner, resulting in a shared understanding of the five themes. The intention is that the new MoU will also pay due attention to the governance of the cooperation and the inclusion of the necessary stakeholders to make a strategic and integral approach more feasible. The new MoU is expected to be signed before the end of this year.

### **Online survey on proposed themes for the new MoU Water**

In July 2020, Netherlands Water Partnership (NWP) launched an online survey to solicit input from the Dutch water sector on the five themes (Resilient Cities, Smart Water, Integrated Water Resources Management including River Basin Management, Water Governance, Lowland Development/Water for Food) proposed by Indonesia as the focus for the new MoU for the period 2021-2025. Over 110 completed responses were received with invaluable information and recommendations for ongoing MoU discussions with Indonesia. Over 80% of respondents (largely engineering consultants, research/knowledge institutes and NGOs) are currently, and plan to continue, operating in Indonesia. An additional 15% are not as yet working there but are interested in doing so.

The responses reflect a clear and strong interconnectedness and interdependence among the five themes, and there are a number of cross-cutting elements running through these: sustainability, taking into account the impact of climate change, environment, social aspects and inclusivity (including local communities), circularity, governance and strengthening of the public knowledge infrastructure as a necessary means for integrated solutions.

The respondents clearly see numerous opportunities as well as challenges across the five themes, and these are as broad as the sector is diverse. A few examples: harnessing the protective functions of natural ecosystems in strengthening urban resilience; using data (open source, GIS, sensors) for the smart development of the water infrastructure, improved services and decision-making; developing incentives in relation to water use; developing personal leadership/role models; developing salt-tolerant crops in lowland areas and varieties that require less freshwater use; and introducing Water Management and Public Administration as a master's course in higher education.

According to the input, success will largely hinge on overcoming numerous challenges including cooperation at different levels of government, enforced legislation, and increased local investment in human capital and local ownership. Given the size of the challenge, an integrated and collaborative effort is essential, both between Dutch and Indonesian partners as well as more broadly.

Finally, the Dutch water sector largely agrees on the role of the Netherlands Government as a facilitator and coordinator in the bilateral relationship with Indonesia, as well as it playing a supporting role in the cooperation

with Indonesian ministries and multilateral institutions. Some Dutch water sector members also stress the continued need to provide seed capital to finance new concepts and innovations.

## 2. Cooperation East Java Province

### Healthy River Challenge – Welang River basin, East Java

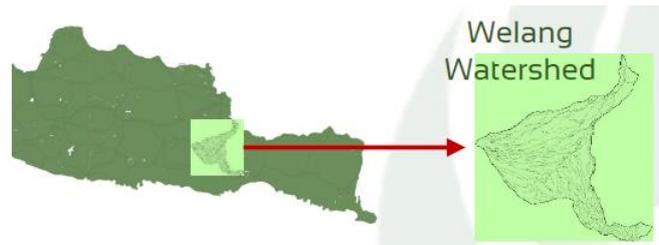
**Jakarta – The Hague.** Following consultations earlier this year on the bilateral cooperation between Indonesia and the Netherlands in the water sector, and despite some restrictions on activities because of the Covid-19 situation, new initiatives are taking off. One of these is the cooperation between **East Java Province and the Netherlands** on river basin management. The Province of East Java has explicitly requested the expertise of and innovative solutions from the Netherlands on flood control, water retention/conservation and water quality. The problems in the Welang River basin are a complex mix of issues, such as erosion and land use changes in the **upstream catchment, sedimentation in the lower river, limiting discharge capacity, tidal effects hampering peak** flood discharge and diverse community interests in the upstream and downstream parts.

Partners for Water has assigned two projects to support East Java Province to improve the integrated management of the river basin.

#### *Healthy River Challenge*

The Healthy River Challenge for the Welang River will engage young people – university students and young professionals – from across the East Java region to learn about the complex issues faced by the Welang River. By working on

the assignment with experienced national and international experts, the students can learn about the importance of healthy rivers. They will have the opportunity to develop and present their own ideas, contributing to a prosperous and sustainable river basin and communities. The Challenge is a well-appreciated collaboration format to engage the creativity and independent thinking of the next generation to generate ideas and solutions. The proposed solutions will be used as input for the formulation of an integrated river basin management plan for the Welang River.



The Challenge is coordinated by The Water Agency - <https://thewateragency.com> - and generously supported by a considerable group of Dutch and Indonesian organisations and companies. For more information and frequent updates, please use the following link:

<https://thewateragency.com/waterhub/indonesia-and-netherlands-s-water-cooperation-through-healthy-river-challenge>

#### Partners of the Welang Healthy River Challenge

<p>a) Strategic partners</p> <ul style="list-style-type: none"> <li>• Indonesian Ministry of Public Works and Housing</li> <li>• Government of East Java</li> <li>• Dutch Ministry of Infrastructure &amp; Water Management</li> <li>• Netherlands Enterprise Agency - RVO</li> <li>• Partners for Water</li> </ul>	<p>b) Lead partners</p> <ul style="list-style-type: none"> <li>• Royal HaskoningDHV</li> <li>• Witteveen+Bos</li> <li>• Rebel</li> <li>• Danone AQUA</li> <li>• Royal IHC</li> <li>• Jasa Tirta I</li> </ul>
<p>c) Associate partners</p> <ul style="list-style-type: none"> <li>• Sweco</li> <li>• Drainblock</li> <li>• The Nature Conservancy</li> </ul>	<p>d) Academic partners</p> <ul style="list-style-type: none"> <li>• Sepuluh Nopember Institute of Technology</li> <li>• HZ University</li> <li>• Brawijaya University</li> </ul>



<ul style="list-style-type: none"> <li>• IDN Liveable Cities</li> <li>• Alliance for Water Stewardship Indonesia</li> </ul>	<ul style="list-style-type: none"> <li>• Petra Christian Universitas</li> <li>• Ciputra Surabaya Universitas</li> <li>• Airlangga University</li> <li>• Malang State University</li> <li>• Surabaya State University</li> </ul>
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#### *IRBM Masterplan Welang River*

The second Partners for Water assignment is the development of an integral masterplan for the Welang River basin with a focus on flood prevention. The project is expected to start by the end of this year, with the final outcomes by the end of 2021.

### 3. NCICD project closure

#### **Finalisation Dutch contribution to the NCICD-2 project for Jakarta**

The formal trilateral cooperation agreement (MoU) for the National Capital Integrated Coastal Development Project (NCICD-2) in Jakarta expired on 30 September 2020. This MoU was signed in 2016 by the Indonesian Ministry of Public Works (PUPR), KOICA (Korea International Cooperation Agency) and the Netherlands Ministry of Infrastructure and Water Management. The actual work in three areas with several Dutch consultant teams started in 2017 (Witteveen+Bos, RHDHV, Sweco, Rebel, Ecorys, Deltares). The goal of the MoU was to develop an integrated flood management strategy for the coastal zone of greater Jakarta, with socio-economic and environmental benefits.

The 2017 Jakarta provincial elections (Ahok – Anies) and the 2019 Presidential elections seriously slowed down decision-making and consequently the implementation of the trilateral workplan. The highly sensitive political issue of land reclamation and the so-called 17 Islands made communication about NCICD between some main stakeholders very laborious to almost completely impossible.

Nevertheless work steadily continued and progress was made on a number of issues. The 2019 Integrated Flood Safety Plan (approved by the Minister of PUPR) presented an integrated strategy based on six alternative approaches. In June 2019 the MoU was renewed and the end date for the trilateral cooperation was extended to 30 September 2020.

The Dutch input in the project focused on the overall project management and strategy, the strengthening of the coastal dikes, the financing and procurement aspects of the outer sea dike, capacity building and knowledge management. After the Presidential elections in 2019, NCICD-2 gained new momentum and good progress was made in implementing the Joint Workplan. Unfortunately, this progress was abruptly disrupted by the Covid-19 crisis in early 2020. The Dutch and Korean teams had to return to their home countries, direct interaction was impossible, and communication was seriously hampered. Even under these conditions work still progressed, but it was clear that full implementation of the workplan by 30 September would not be possible.

As at 30 September, the status of the project can be summarised as follows.

- The trilateral MoU for NCICD-2 formally expired.
- Korean consultants will continue their work on the preparation of the Outer Sea Dike up to 31 December 2020.
- The Dutch Witteveen+Bos, RHDHV, Sweco and Deltares teams have finalised their input to NCICD-2. Only the Rebel team will continue working until the end of the year on Financing and Procurement and on the preparation of the Final Business Case for the Outer Sea Dike.
- In line with the trilateral workplan, the Dutch teams have delivered an impressive set of deliverables, such as:
  - an overall adaptive strategy for Jakarta Bay's flood problems (Integrated Flood Safety Plan 2020) that meets stakeholder concerns, addresses social and environmental issues and is based on

acceleration strategies for the Stage A goals on coastal dikes, sanitation, drinking water provision and reducing land subsidence;

- the identification of priority sections for coastal protection and conceptual designs for these dike sections, and conceptual designs for seven polders;
  - the development of a Sunda Kelapa ‘show case’ for coastal protection combined with socio-economic development;
  - technical and financial advice on the adaptive Outer Sea Dike, including land development and the construction of a toll road;
  - training and capacity building sessions; and,
  - the development of an Open Knowledge Management system to store and further distribute data, information and knowledge collected in the NCICD-2 project.
- DKI Jakarta and PUPR have signed an MoU for cooperation on the coastal works; implementation is ongoing.
  - The Coordinating Ministry of Maritime Affairs and Investment has formally established a Steering Committee for the NCICD implementation, but due to the Covid-19 situation the Steering Committee has been unable to meet. Important decisions on the Dutch and Korean deliverables still have to be taken.
  - NCICD has been included in the new National Strategic Pantura programme for the coastal development of the North Coast of Java, including five resilient cities (Jakarta, Cirebon, Pekalongan, Semarang and Surabaya).
  - The Ministry of Infrastructure & Water Principle Advisor will continue his assignment in the coming period to assist in the decision-making process on the IFSP2020, the Outer Sea Dike Final Business Case, the establishment of a Development Authority and the Sunda Kelapa showcase.



#### 4. DUTEP (Dutch Training and Exposure Program): Co-creating resilient cities

If you are interested in pioneering ideas for urban water management, watch the video of the DUTEP Seminar to see how DUTEP contributes to improving the quality of water management in day-to-day life in Jakarta.

In the online DUTEP seminar on 1 September, officials of the Jakarta City Government explained how DUTEP connects Jakarta and Rotterdam on important issues of urban water management. A number of ideas and research results were presented during the seminar. For example, the ‘Green-Grey Solution in Waduk Melati’



proposal was inspired by a water installation in Rotterdam, while the ‘Recycling Ablution Water from Fatahillah Mosque’ proposal was inspired by a water recycling activity at a stadium in Rotterdam. All the proposals generated by DUTEF have the same goal: to create a resilient city through a more integrated urban water management system.

Mayor Aboutaleb of Rotterdam praised the long-standing relationship between Jakarta and Rotterdam as the foundation for the DUTEF project, and mentioned that he is hoping to welcome the next batch of DUTEF representatives in Rotterdam soon. He also looks forward to visiting the projects that have emerged from this programme. According to Jakarta’s Governor Anies Baswedan, the collaborative efforts between the stakeholders involved in DUTEF are being used to exchange knowledge, ideas and practical solutions to solve City challenges. In the future, DUTEF hopes to inspire more partnerships between Indonesia and the Netherlands to innovate water management.

## 5. New Partners for Water E-zine: Indonesia – Help with Transformation of Semarang into a Polder City

A new edition of the Partners for Water E-zine was published recently with inspiring examples of how the Partners for Water Programme is cooperating with Delta countries to contribute to water safety and water security. Highlighted in this edition is the support the Netherlands is extending to the Indonesian city of Semarang, which is gradually sinking below sea level, to transform it into a polder city. Many Indonesian coastal cities are currently facing the phenomenon of sinking, which is partly caused by land subsidence. It is creating a completely new water situation in these cities. In Semarang, Dutch partners are supporting the planning and design of its transformation into a polder city. The focus is not only on technical solutions but also on how the city administration can be structured accordingly. To read the story, follow this link (in Dutch): <http://publicaties.partnersvoorwater.nl/e-zine-02/cover/>

## 6. Events calendar

A Virtual Trade Mission to Southeast Asia will take place from 12 October 2020 to 11 December 2020. The mission will facilitate Dutch companies and companies from Indonesia, Malaysia, Singapore, Thailand and Vietnam (ASEAN-5) in the agrifood, water and waste management sectors to gain market information and new business contacts. Should you not have done so already, hurry and register on <https://virtual-mission-asean5.b2match.io/>. NWP is a partner in the programme for the Water Track that focuses on both Water Technology and Water Management. The programme will include numerous events over the period, including the Water Sector Kick Off event on 17 November and a number of activities leading up to and during the hybrid Asia Water event (30 November-2 December). A concerted effort will be made to provide registered organisations a role in the programme. For further information, please contact Simone Sweerts ([s.sweerts@nwp.nl](mailto:s.sweerts@nwp.nl)).

The next Indonesia Platform Meeting is expected to be held in first quarter of 2021. The exact date will be announced nearer the time.

**IndoWater 2020 has been cancelled and re-scheduled to 21-23  
July 2021 in Jakarta, Indonesia.**





The next SIWW will be on 20-24 June 2021.



The UN Climate Change Conference (COP26) set to take place in Glasgow has been re-scheduled to 1-12 November 2021.



The Climate Adaptation Summit of the Global Commission on Adaptation has been re-scheduled to take place on 25 January 2021.



*For more information or suggestions for the next Country Update Indonesia, please contact Simone Sweerts, Project Manager Asia: +31-70-3043736, [s.sweerts@nwp.nl](mailto:s.sweerts@nwp.nl)*

*If you would like to share information and remain informed by other partners of the Indonesia Network, kindly register on the NWP Indonesia Platform LinkedIn page [here](#).*

*Should you wish to unsubscribe from the Country Update Indonesia, please send an email with the subject heading 'Unsubscribe Country Update Indonesia' to [s.sweerts@nwp.nl](mailto:s.sweerts@nwp.nl).*

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