



Side by side research to engage with policy development – experiences in the Joint Cooperation Programme (JCP)

Breaking barriers, online conference of Urbanizing Deltas of the World

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Introduction to the Joint Cooperation Programme Bangladesh – the Netherlands (JCP)



Longer term knowledge cooperation

Six knowledge programmes – to address important questions related to a.o. BDP2100 implementation, and 3 incubator (seed money) projects

- Bangladesh Metamodel – supporting the BDP2100 – GED and key agencies
- Clean and safe water – Dhaka – DoE / DWASA
- Polders of the future – Polder 40/I – BWDB, DAE, WMGs
- Go with the flow – Old Brahmaputra – BIWTA and BWDB
- Information for Impact – App - GED and other stakeholders
- Make it real – Water and Food Nexus - DAE and agriculture sector
- Incubators: MAR (aquifer recharge), LUCK (land use change), CHAR (area planning)

More info at our website: <http://www.jcpbd.nl/>

Facebook page & group: <https://www.facebook.com/JCP-Bangladesh-The-Netherlands-1113368138862889/>

JCP Newsletter and Delta Bulletin: Ms. Syeda Sonia sonues05@gmail.com

Bangladesh Netherlands Water Youth Forum: nishchal.sardjoe@deltares.nl

Make it Real; water for food – also in the future

- Key – question from DAE: is there enough water for the food in the future?
- Complexity and uncertainty – linking water and food.
- External developments - climate change, dietary change and urbanization.
- Using modelling (SWAP-WOFOST) and local consultation methods
- Outcomes sofar: interest from DAE, model at CEGIS
- Importance to link to other modelling
- Lessons learned: Modellers may not know to reach policy makers, and vice versa – it takes an active approach in learning each other's language



Information for Impact

- Info availability + Bangladesh Delta Plan 2100 (BDP2100)
- Can information from BDP2100 be available ‘in your pocket’?
- Liaised with GED, and also with Blue Gold and other stakeholders
- Lot of technical work to get the app working (database connections etc)
- The app is available in Google Play store (search: Bangladesh Delta Plan 2100). Here is the link: <https://play.google.com/store/apps/details?id=com.cegis.deltaplan2100>
- For the users it needs to work, and to make it work, it needs users
- Lessons learned – create points to reflect together, adjust, and move forward

NB: We welcome contact with users!

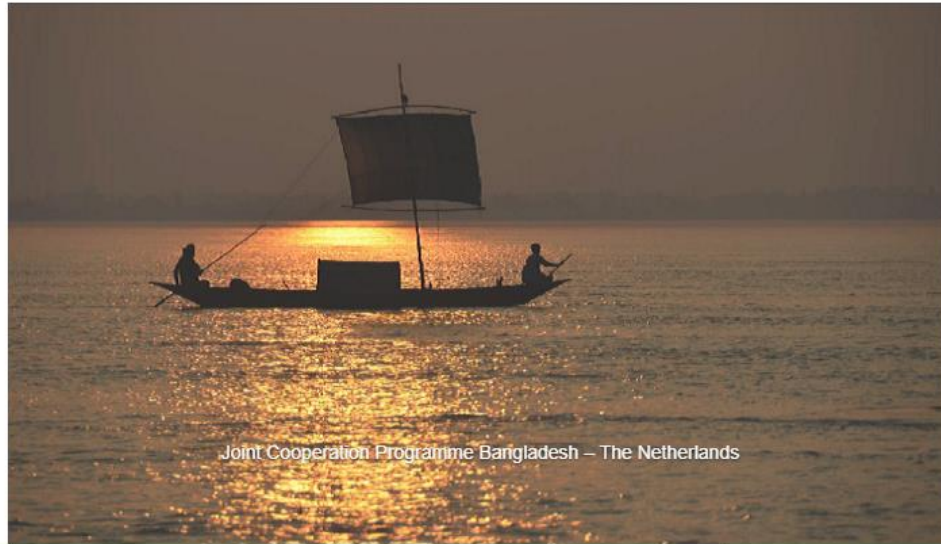




JOINT COOPERATION PROGRAMME

Bangladesh-The Netherlands

Home About JCP Apps Old Brahmaputra Polders of Future Monitoring Water Quality Water Food Nexus BDP Metamodel Training Contact



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THANK YOU



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JOINT COOPERATION PROGRAMME

Bangladesh/Netherlands

Knowledge development for a prosperous delta

JCP



Long term knowledge sharing and capacity building, between Bangladesh and Dutch knowledge institutes, in support of improved Integrated Water Resources Management (IWRM), Integrated Coastal Zone Management (ICZM), flood and drought management, urban water management and adaptive delta planning

- Supported by the Embassy of the Kingdom of the Netherlands (EKN) and own R&D contribution
- 2019 – 2022, intention to develop partnership >10 years
- 4 founding partners, with intention to involve more knowledge partners from Bangladesh and the Netherlands



Information for Impact

- The sub-project ‘Information for Impact’, is led by CEGIS, and supported by the WUR. This project aims to design and to develop a mobile based application with a platform to provide location-based information services that will support planning and decision making in line with the activities of Adaptive Delta Management.
- For these “Information for Impact” tea prepared the app that will deliver location specific information about Water Resources, Agriculture, Environment and Disaster, Socio Economic, Spatial Planning and Land Use and Climate to support planning and decision making in line with the activities of Adaptive Delta Management.
- The app is available in Google Play store. Here is the link:
<https://play.google.com/store/apps/details?id=com.cegis.deltaplan2100>



Make it Real; water for food – also in the future

- The sub-project Make it real is aimed at studying the integration between water availability and food production, taking into account external developments such as climate change, dietary change and urbanization.
- The overall goal is to get a clear insight into the water and food demand of Bangladesh using modelling and local consultation methods.
- For that SWAP-WOFOST model was calibrated with local data and “Make it real” arranged working session on the model. The model helps to develop insight on the question ‘do we have enough water for our food in the future, under climate change’, and the partners in the Joint Cooperation Program and the Deltas under pressure project are working with the SWAP WOFOST model.
- The research output focuses on quantifying how much food is needed for the growing population and how much water is needed for this food production.



Knowledge for Impact! 6 knowledge projects - 3 incubators

- Clean and safe water – Dhaka – DoE
- Polders of the future – Polder 40/I – BWDB and DAE and WMGs
- Go with the flow – Old Brahmaputra – BIWTA and BWDB
- Information for Impact – GED and stakeholder community
- Make it real – DAE and agriculture sector
- Bangladesh MetaModel – supporting BDP2100 – GED and key agencies
- MAR – Management of Aquifer Recharge
- LUCK – Land Use Change Knowledge
- CHAR – Development of Chars

