

JCP Newsletter

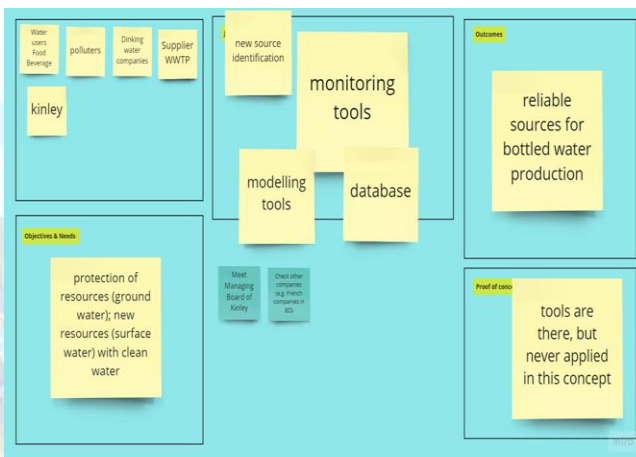
September, 2020

This is the 4th Newsletter of the Joint Cooperation Programme Bangladesh – the Netherlands. JCP is an applied research programme, contributing to new knowledge supporting adaptive water management in Bangladesh and the implementation of the Bangladesh Delta Plan 2100

Internal brainstorm session on private sector involvement

Recently, the Joint Cooperation Programme Bangladesh - the Netherlands has held an internal brainstorm session to discuss the involvement of the private Sector of Both Bangladesh and the Netherlands in the 6 ongoing JCP sub-projects.

Opportunities to collaborate with private companies in both the current activities, as well as in the up scaling of the projects were jointly identified., through use of the brainstorm tool Miro (see illustration below).



Besides the JCP team, staff of the Embassy of the Kingdom of the Netherlands in Dhaka and project members of SIBDP joined this session, which was held online.

In this Newsletter
Internal brainstorm session on private sector involvement
Knowledge Sharing Session of JCP subproject: Clean & Safe Water for Dhaka City
JCP Sub Project: Bangladesh Meta Model
JCP Info for Impact, Meta Model & Make it Real @ Gobeshona
Activities planned in the coming time

Knowledge Sharing Session of JCP subproject: Clean & Safe Water for Dhaka City

There was a knowledge sharing session of JCP subproject: Clean & Safe Water for Dhaka City from 6th to 18th August for D-emission model. The D-emission model is preliminarily developed by Marc Weeber, Advisor Aquatic Ecology & Water Quality, Deltares. He shared the model with IWM and CEGIS team. In the knowledge sharing session IWM and CEGIS teams learned the modelling approach, and shared their views. It was formerly planned to be a visit to the Netherlands to learn more and upgrade the D-emission model with Marc, but due to current situation caused by Covid-19 it was agreed to do the same through Microsoft Teams. And they successfully complete the sharing session.

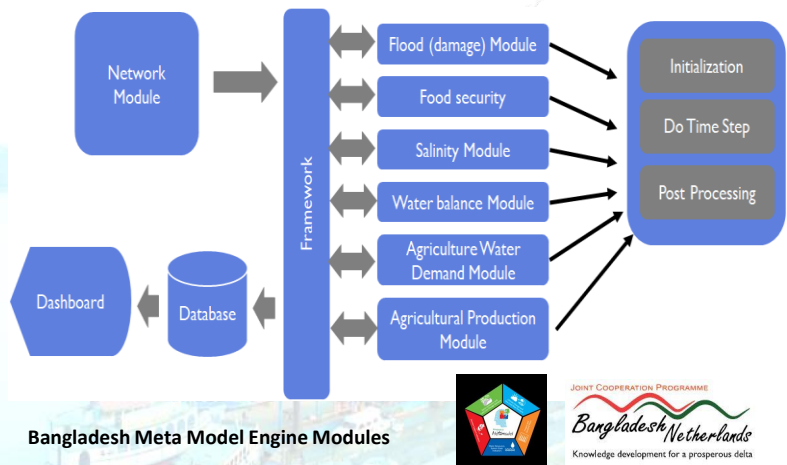


Bangladesh Meta Model: a decision support tool for monitoring successful implementation of BDP 2100

For the implementation of the Bangladesh Delta Plan 2100, information is required to assess projects and programs, and to monitor the progress. The institutes CEGIS, IWM, Deltares and Wageningen UR are working as a team to develop the Bangladesh Meta Model to support key stakeholders such as the General Economics Division (GED), Ministry of Water Resources (MoWR), Ministry of Agriculture (MoA) and relevant agencies such as BWDB, BIWTA, LGED, BADC etc in adaptive delta planning considering IWRM and ICZM. For the Implementation of the Bangladesh Delta Plan 2100, Bangladesh Meta Model is to provide quantitative information to support the formulation, analysis, and evaluation of alternative projects and programs. It is developed based on existing data, knowledge, and results of existing detailed sectoral models and has integrated scope with indicators from water system to socio-economic. Bangladesh Meta Model is useful for decision making at planning level when less detailed analysis is available.

Meta Model engine modules

The first version of the Bangladesh Meta Model consists of Network, Water Balance, Agriculture water demand, Agricultural production, Food security and Flood damage. More modules like salinity, navigation, fisheries, and E-flow will be added in upcoming versions.



Over the past months, the JCP Bangladesh Meta Model team has made a lot of progress in its work for the development of the Bangladesh Meta Model. After lockdown restrictions limited the direct interactions between team members and stakeholders, online activities have been developed rapidly.

In summary therefore, the progress of the Meta Model is as follows:

- Meta Model results for NW-region completed
- Five modules are implemented
- Dashboard design and draft development completed
- Expert and user reflection sessions completed
- Working on salinity, fisheries, navigation and ecosystem functioning module.



Sharing new insights on Info for Impact / BDP2100-app, Make it Real / Food and Water for the Future and Bangladesh Meta Model in Gobeshona 7

Gobeshona is a knowledge sharing platform for climate change research on Bangladesh. It aims to bring together the national and international research community to encourage sharing, enhance quality and, in doing so, make climate change research on Bangladesh more effective (www.gobeshona.net).

Gobeshona organizes monthly seminars, which are hosted in Bangladesh by the institutions on the Gobeshona Steering Committee. From the beginning, Wageningen UR is part of Gobeshona and also CEGIS, IWM and Deltares are active contributors. At the moment there are over 50 organizations part of Gobeshona.

In the Corona pandemic, Gobeshona has successfully been able to bring their monthly meetings and seminars online. And in the Gobeshona monthly seminar on 26 July, JCP Make it Real researcher Judit Snethlage presented the approach on visualizing the demand and supply of water for agriculture in Bangladesh. This addresses the key question 'How can Bangladesh feed itself now and in the future?'

In the same monthly seminar, also JCP Meta Model researchers Morsheda and Mostafizur Rahman presented how the Bangladesh Meta Model is being developed through the successful collaboration of four partners (CEGIS, IWM, Deltares & WUR) in collaboration with GED, SIBDP and many others, and how it can be used in the context of Bangladesh Delta Plan 2100 .

Currently, Gobeshona is preparing for its next international conference, Gobeshona 7. JCP will also actively participate in this conference, and contribute to the sessions on enhancing adaptive water management and delta knowledge.

Activities planned in the coming time

- 24 September – JCP will contribute to DeltaCap discussion on capacity development for implementation of BDP2100, online
- 7 October – Strategic Management Team meeting, online
- First week of November – Workshop SWAP/WOFOST modelling – working on examples, Make it Real sub-project
- 21-25 January 2021 – Gobeshona 7 (see above) online
- 29-31 March 2021 – ICWFM8, online

