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Sharing information enhances implementation of BDP2100

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INFORMATION APP FOR IMPACT

Developing a knowledge app for the Bangladesh Delta Plan 2100

Context and problem
Climate uncertainties and complexities due to rapid development make implementing the Bangladesh Delta Plan 2100 difficult. Making relevant information such as land use pattern and areas of saline water intrusion easily available in comprehensible visual formats such as maps and charts help administrators in decision-making.

Researching this question
An app to provide necessary information has been developed after stakeholder consultations and finetuned further based on feedback.

In a Bangladesh – Netherlands joint project, 'Information app for impact', a smartphone app, makes location-specific information easily available, helping administrators of the Bangladesh Delta Plan 2100 take the right decisions.

How to make such information about the Bangladesh Delta Plan 2100 easily accessible?

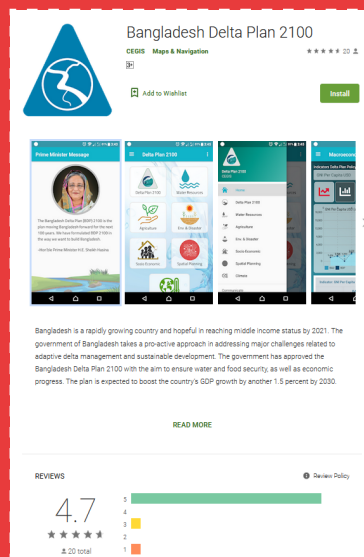
THE INFORMATION APP

1. Functional modules

Development of seven functional modules based on user assessment: Delta Plan 2100, Water Resources, Agriculture, Environment & Disaster, Socio economic, Spatial Planning, Land use & Climate.

2. Strong tech base

PostgreSQL, an open-source database management system, is used for the app at the backend. Java language is used for frontend design and analysis. Designed as a dynamic tool, the app lends itself to future upgradation.



3. Insightful information

The app generates tables, graphs, charts and maps, and provides users with location-specific, critical information, enabling them to take the right decisions.



TOWARDS IMPLEMENTATION

The app facilitates the implementation of BDP2100 by providing information on water availability, rainfall, flood risk and crop production, besides climate-vulnerability data.



KEY MESSAGE

Download the app here:



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