

Prototype of scenario dashboard based on MAGNET modelling for Bangladesh

Project Title: P274 - Scenario-guided policy and investment planning for food- and nutrition-secure futures under climate change

Description of the innovation: Through collaboration with WUR's MAGNET modelling team, a scenarios dashboard has been created to allow policy makers to access quantitative scenarios of possible future environmental management and governance futures for Bangladesh. An example was developed for a participatory process in Bangladesh that also includes Oxfam GB.

New Innovation: Yes

Stage of innovation: Stage 1: discovery/proof of concept (PC - end of research phase)

Innovation type: Research and Communication Methodologies and Tools

Geographic Scope: Global

Number of individual improved lines/varieties: <Not Applicable>

Description of Stage reached: A scenario modelling dashboard has been created (see the example for Bangladesh in the URL) for policy makers to explore scenario results created through the MAGNET model.

Name of lead organization/entity to take innovation to this stage: WUR - Wageningen University and Research Centre

Names of top five contributing organizations/entities to this stage: <Not Defined>

Milestones:

- State of the art multi-level scenarios methodology is tested by downscaling scenarios to national/state levels and including food and nutrition security modelling outputs tools are developed for different audiences

Sub-IDs:

- 41 - Conducive agricultural policy environment

Contributing Centers/PPA partners:

- ILRI - International Livestock Research Institute

Evidence link: https://michielvandijk.shinyapps.io/ccafs_bgd_dashb/#section-macro-assessment

Deliverables associated:

- D27674 - CCAFS Scenarios MAGNET modelling dashboard WUR Bangladesh (pilot) (<https://tinyurl.com/yg8s63nw>)

Contributing CRPs/Platforms:

- CCAFS - Climate Change, Agriculture and Food Security



- A4NH - Agriculture for Nutrition and Health