GLOBAL RESEARCH ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

GRA FLAGSHIP PROJECT TITLE:

MAC-B: Mitigation and Adaptation Co-Benefits

Leader: AgMIP

Council Champions:

To be confirmed

Overview of project

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Start date and project length:

- Ongoing pilot study in Bangladesh, September 2021 to December 2022
- Building on Bangladesh pilot study, we anticipate expanding MAC-B to other GRA countries with full 3-year projects from 2022 to 2025

Brief description of project:

- The MAC-B Flagship Project will build a GRA expert community to develop and apply new protocol-based methods for providing national decision-makers evidence-based knowledge about benefits and trade-offs of mitigation and adaptation interventions
- The intended long-term outcome is to accelerate the process of identifying the most promising climate change response options, and thus progress to trialing and scaling more quickly than has been done to date
- The project will generate new knowledge with high scientific impact contributing to the development of NDCs and NAPs

Key Participants and Resources

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- **Current participants and resources:**

1. Bangladesh Rice Research Institute, Bangladesh Agriculture Research Institute, Bangladesh Met Department, Bangladesh Rural Development Academy, CIMMYT Bangladesh, Columbia University, Oregon State University, New York University, DNDC-ART
2. We have received 250,000 AUD from the Australian Centre for International Agricultural Research to conduct an initial pilot study in Bangladesh

- **Opportunities for involvement:**

1. Following the current funding model, we will seek funding from GRA country members interested in MAC-B to fund assessments in their own region or other countries of interest
2. Members of the Integrative, Paddy Rice, Croplands, and Livestock Research Groups will have opportunities to participate in developing and applying the MAC-B protocols for a range of agricultural systems