Enterprise Breeding System, a data management system for breeding data, operations, analytics, and decision support, that will accelerate and increase the cost effectiveness of breeding programs

Project Title: P1668 - Module 5 Bioinformatics and Data Management Tools and Services

Description of the innovation: <Not Defined>

New Innovation: Yes

Stage of innovation: Stage 3: available/ ready for uptake (AV)

Innovation type: Research and Communication Methodologies and Tools

Geographic Scope: Global

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

Description of Stage reached: We will deploy, in a full production environment, the latest version of the system to IRRI, which will transition to the Enterprise Breeding System from its previous system, on March 14 2022. This latest version has key core breeding operations enabled.

Name of lead organization/entity to take innovation to this stage: <Not Defined>

Names of top five contributing organizations/entities to this stage:

- IRRI - International Rice Research Institute
- Cornell University
- CIMMYT - Centro Internacional de Mejoramiento de Maíz y Trigo / International Maize and Wheat Improvement Center

Milestones: No milestones associated

Sub-IDOs:

- 11 - Adoption of CGIAR materials with enhanced genetic gains
- 45 - Increased capacity for innovations in partner research organizations
- 43 - Enhanced institutional capacity of partner research organizations

Contributing Centers/PPA partners:

- IITA - International Institute of Tropical Agriculture
- IRRI - International Rice Research Institute
- CIMMYT - Centro Internacional de Mejoramiento de Maíz y Trigo / International Maize and Wheat Improvement Center

Evidence link:

- https://ebs-cb.irri.org/
- https://ebsmaize.cimmyt.org
- https://ebswheat.cimmyt.org
- https://ebs.excellenceinbreeding.org/

Deliverables associated:

- D25944 - Enterprise Breeding System (**Marked as Confidential**)

Contributing CRPs/Platforms:

- EiB - Excellence in Breeding Platform