



The BSF project: Multi-country projects lead by Indonesia



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BSF project I

Multi country construction of a test platform for the development and allocation of globally unique identifiers for rice germplasm.



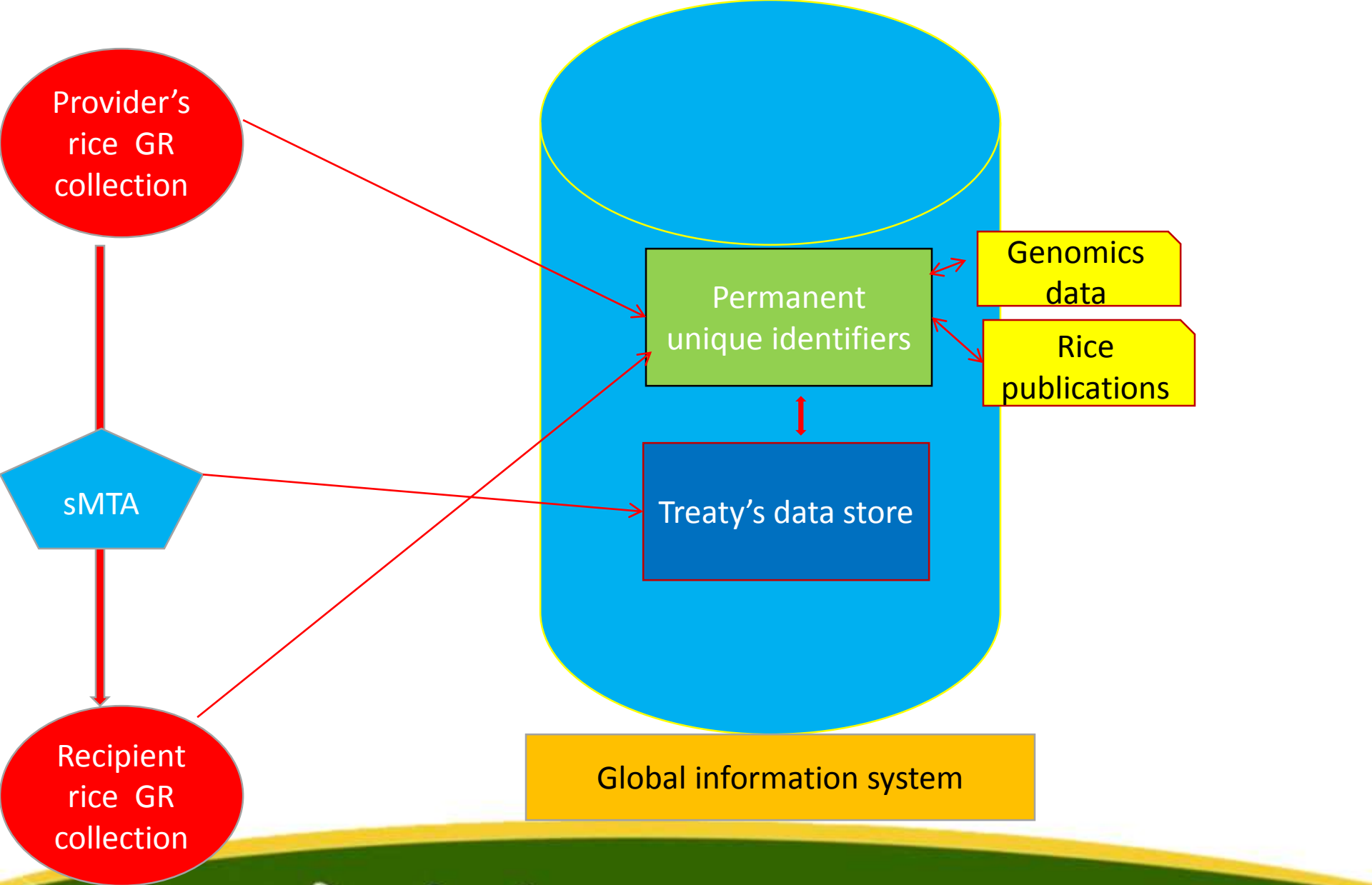
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Objective

To adopt and implement the agreed method for the assignation of global, **permanent and unambiguous identification of rice accessions** and the development of a platform to establish **automatized system-to-system connections** to add value to the material being transferred within and from the Multilateral System, thus meeting both scientific needs and legal obligations of the SMTA.





IMPACTS

Adaptation to climate change and environmental sustainability

Food security and poverty alleviation

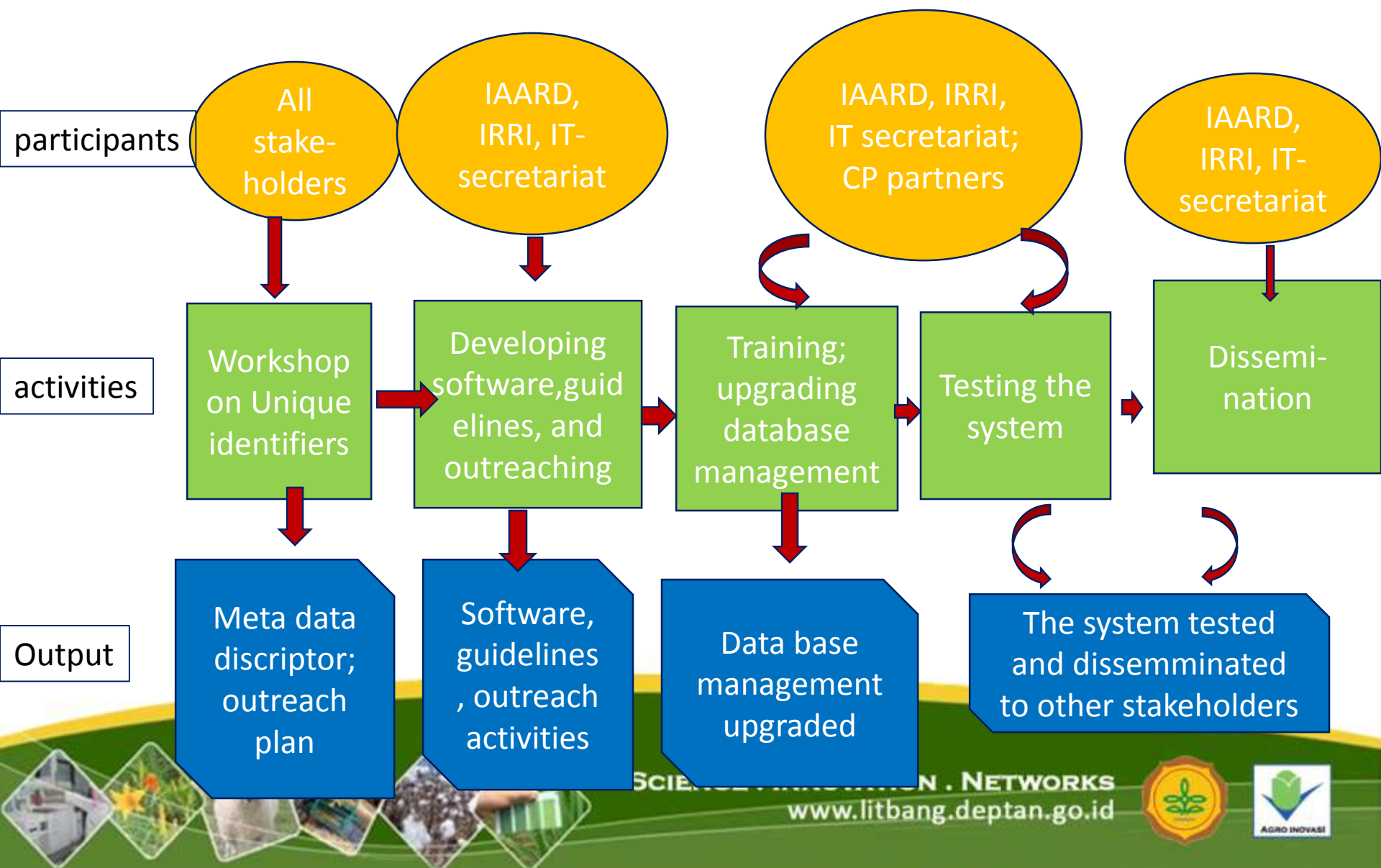
Transparent ID; tracking and information on rice GR; bridging the gap between genebank & breeders

Capacity development and empowerment

Scientific impact



Implementation plan for the BSF Project on unique Identifier



BSF Project II

Co-Development and transfer
of Rice Technologies



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Objectives

1. To identify phenotypic and genotypic characteristics of local varieties from participating countries.
2. To improve the productivity of local varieties in participating countries through the use of molecular markers and near isogenic lines (NILs).
3. To exchange improved/modern rice varieties among participating countries.



Targeted outputs

- Gene-pool of local varieties/landrace from participating countries which has been evaluated phenotypically and genotypically.
- Breeding lines of local varieties already introgressed with the desired traits, ready for further testing in order to improve the productivity and the adaptability to climate change
- Improved/modern varieties transferred from one participating country/institution to the other participating developing countries/institutions and participatorily evaluated in order to adapt to climate change and strengthened the food security in the recipient country.



IMPACTS

Adaptation to climate change and environmental sustainability

Food security and poverty alleviation

New rice varieties, transferred technologies and gene-pool of local varieties

Capacity development and empowerment

Scientific impact



Participating countries and organization

❖ Project 1: Multi country construction of a test platform for the development and allocation of globally unique identifiers for rice germplasm.

❑ Indonesia (L), Brazil, India, Tanzania, IRRI.

❖ Project 2: co-development and transfer of rice technologies

❑ Indonesia (L), Malaysia, Lao PDR, Philippines and IRRI



Terima kasih



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