

SeedChange
SoS Webinar



System for Local Variety Registration and Certification in Nepal

Shree Prasad Neupane, PhD
Thematic Leader/Plant Breeder, LI-BIRD

Local Initiatives for Biodiversity,
Research and Development (LI-BIRD)
www.libird.org • info@libird.org



Presentation outline

- State of art about farmers led PPB intervention
- Scope of farmers led PPB program in Nepal
- Farmers initiatives on registering varieties in Nepal
- Registered farmers led PPB varieties in Nepal
- Techniques of maintaining farmers varieties at field level
- Seed certification system of local varieties in Nepal (as per draft maintenance guideline)
- Sustainability approach





State of the art about farmers led PPB intervention in Nepal

- Simple and effective approach where farmers will identify and select the variety based on their needs.
- Most of the breeding processes will be carried out by utilizing farmers' own field.
- Farmers will be involved in various breeding process from parental selection to varietal registration.
- Farmers will be engaged in registration/release of varieties into National system.
- Reliable approach to contribute food and nutritional security of smallholder farmers.





Scope of farmers led PPB programme in Nepal



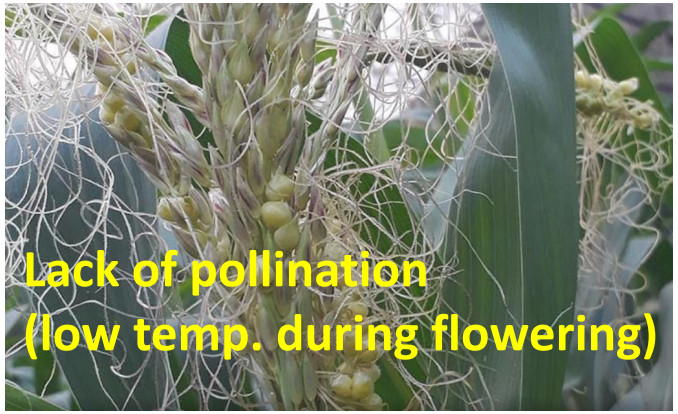






PPB: Alternative solution to resource poor farmers



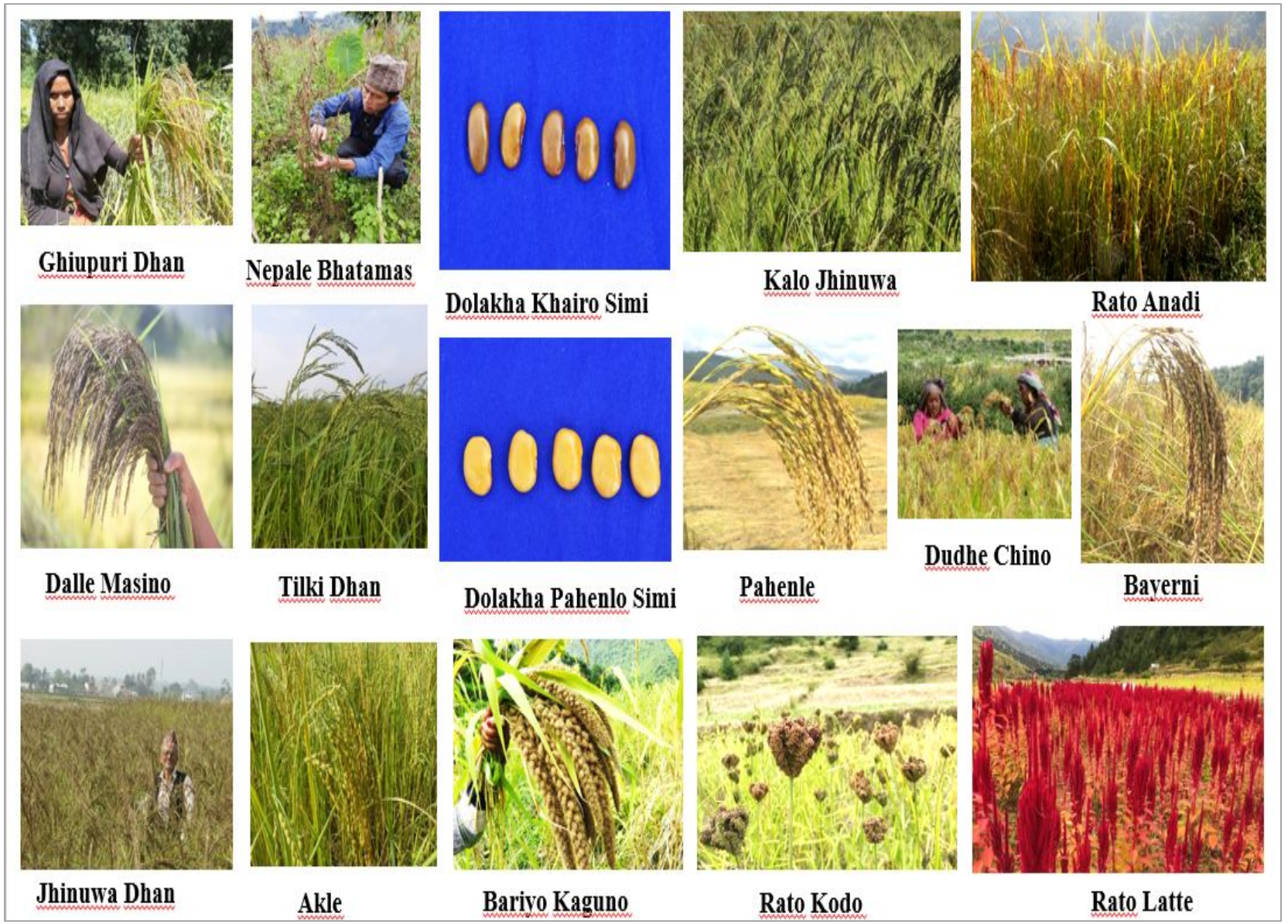




Farmers initiatives on registering varieties (glimpses of presentation during varietal registration)



Registration of farmers led PPB varieties in Nepal



Update by varieties (# 20)

Rice: 10

Maize: 2

Amaranth: 2

Beans: 2

Foxtail millet: 1

Finger millet: 1

Proso millet: 1

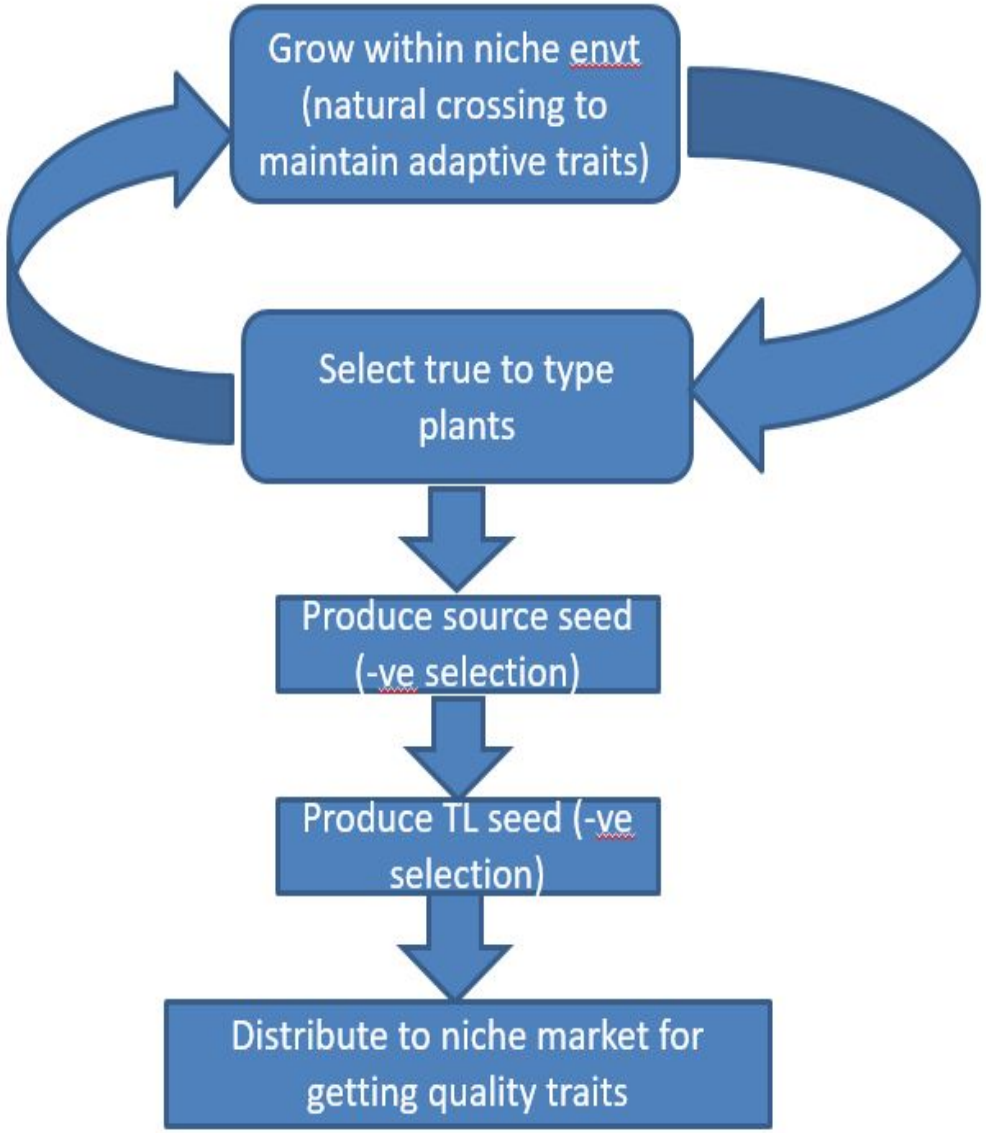
Soybean: 1

Varieties registered (project contribution)

Rice: 4

Soybean: 1

Techniques of maintaining farmer varieties at field level





Dalle masino



Ghiupuri



Jhinuwa/Kanak Jira



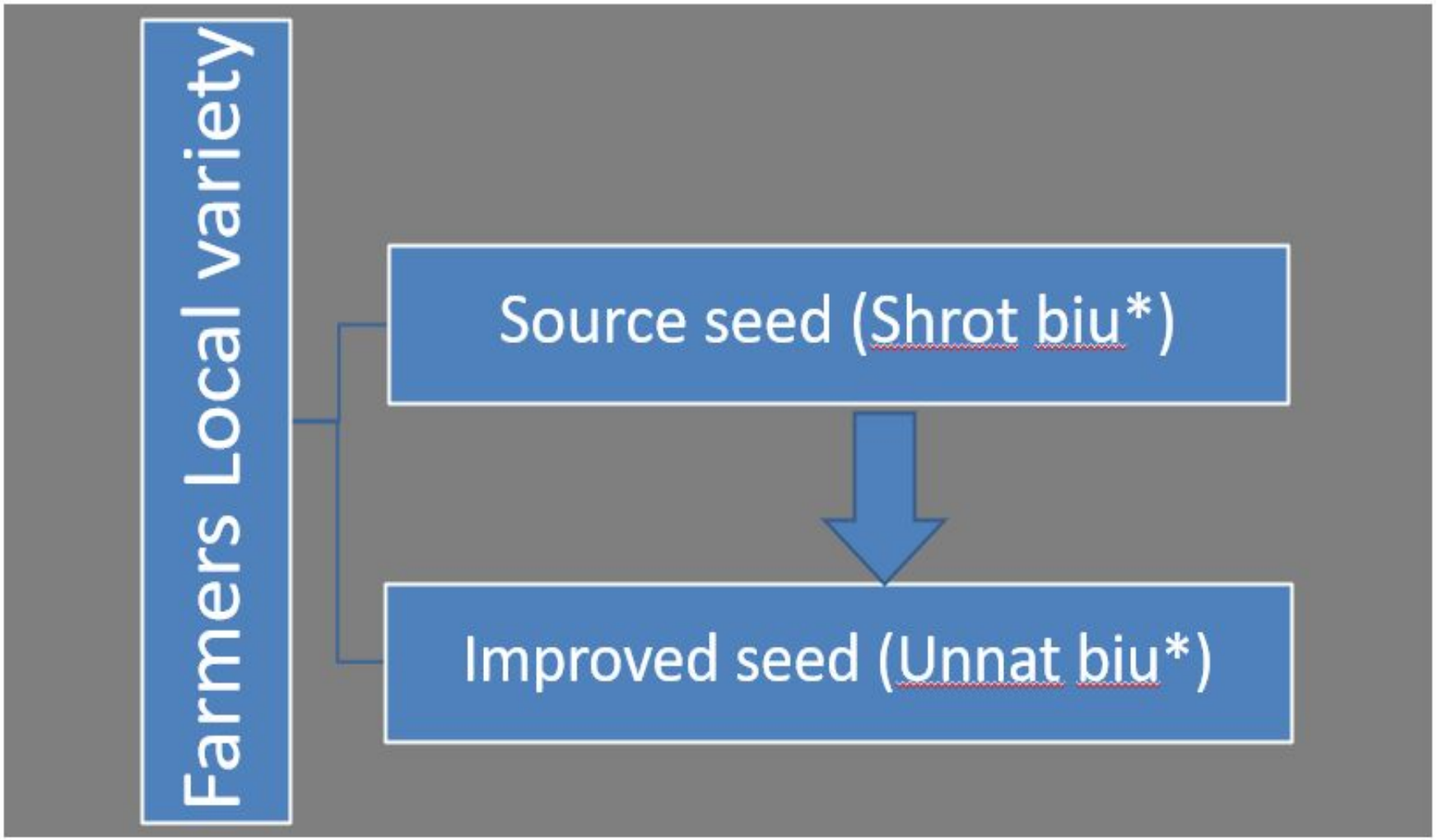
Tilki



Nepale Bhatmas



Seed certification system of local varieties (as per source seed maintenance guideline of Nepal, 2021/2022)

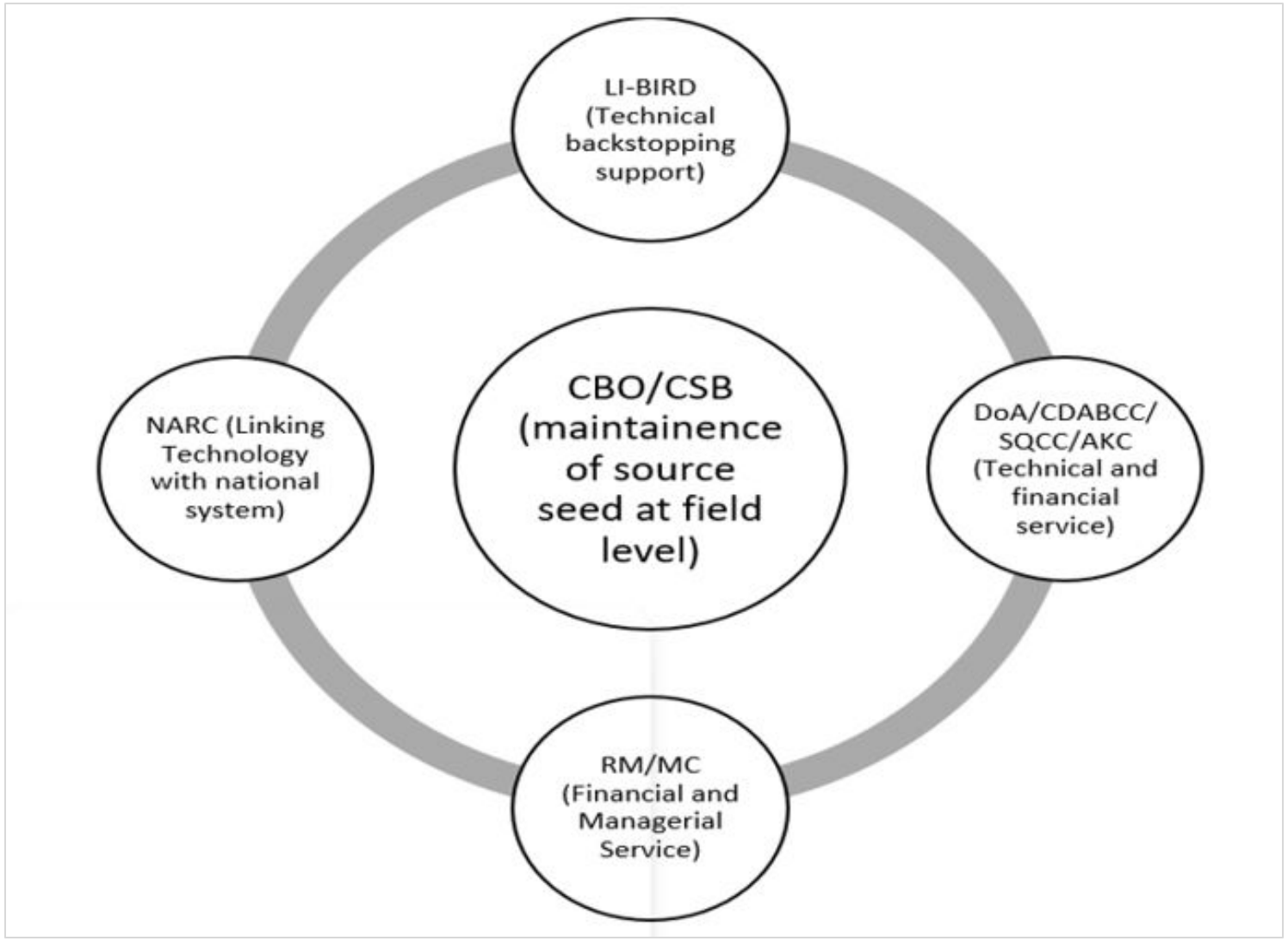


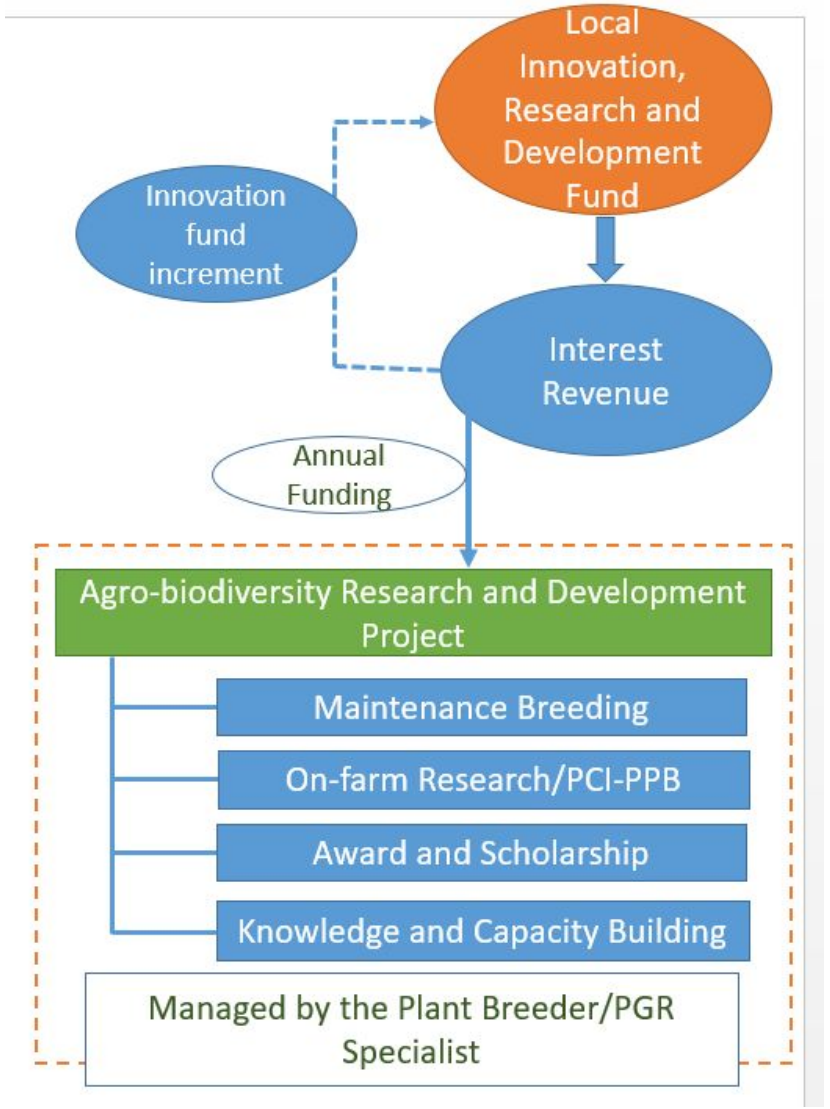




* Terminologies in parenthesis indicate their local names

Sustainability approach (source seed maintenance)







Thank you!

Local Initiatives for Biodiversity, Research and Development (LI-BIRD)
www.libird.org • info@libird.org

