

Australia Africa

Priorities in research and innovation for sustainable development

About ACIAR: a specialised Research partnership broker

Australian Aid: about 90 M AUD pa for research support; 19 M for the CGIAR; training

Aid Program priorities

- Productivity and profitability of agricultural systems

- Benefit of farmers, rural poors, consumers

- Reduce poverty through Economic growth

- Private sector a key component of the impact pathway

- Women and girls empowerment

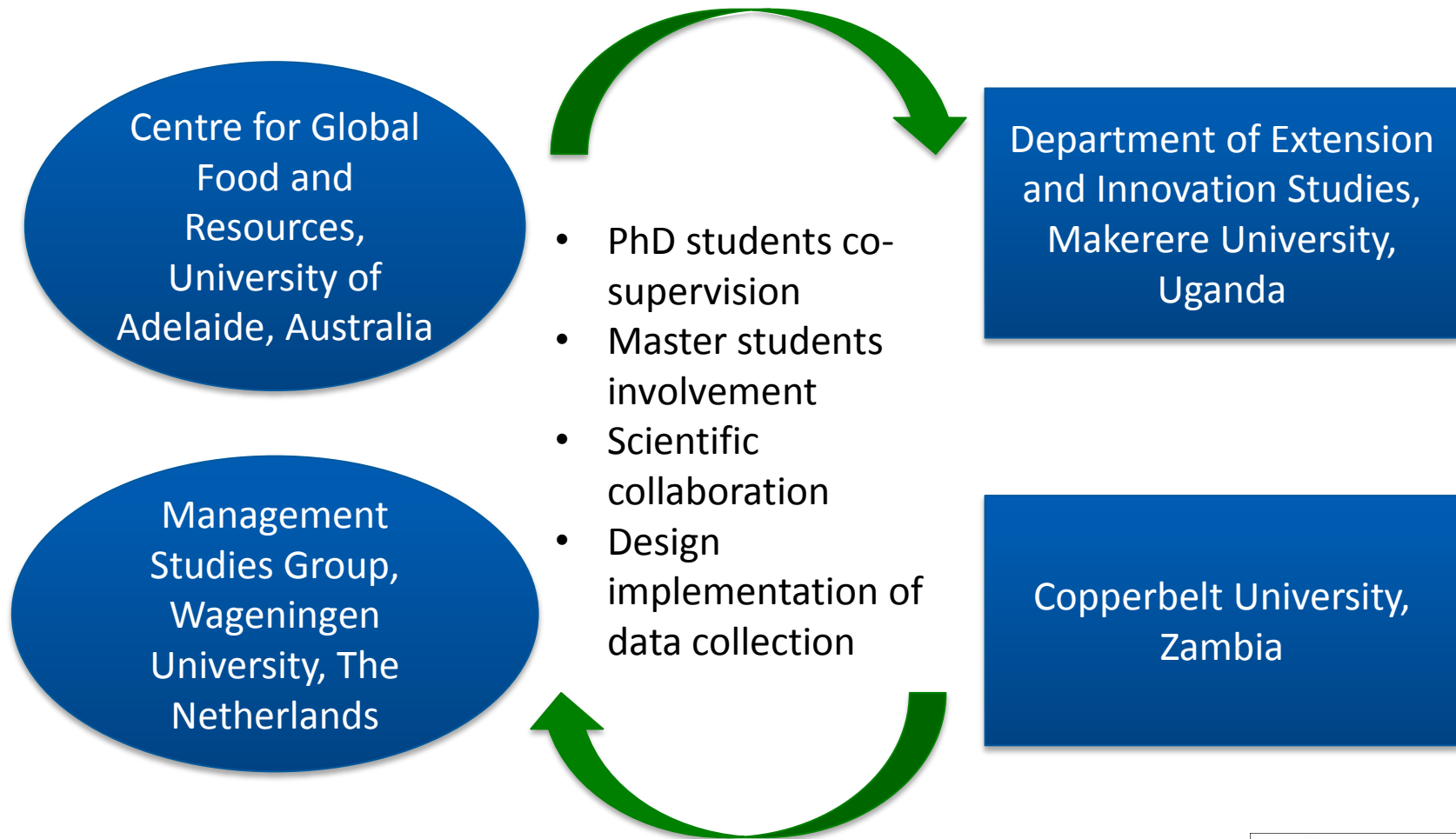
Australian benefits:

- Research capacity, exchange of genetic resources, scientific and policy networks

Biosecurity: Australia Africa Plant Biosecurity Partnership

- Wheat Yellow Rust – Ethiopia and South Asia (Uni Sydney)

Developing value chain innovation platforms to improve food security in East and Southern Africa - VIP4FS (ACIAR) 2015-2019



Increased productivity through the seeds

- easy to adopt
- limited change required (this is not always true)
- need to produce and distribute the seeds

Demand Led plant breeding project in Eastern and Western Africa
RUFORUM and all regional organisations involved

Eshetu Tiruneh, Victims of famine, 1974
National Museum of Ethiopia



Modernising plant breeding

Application of modelling: breeding, research and policy
Sorghum improvement in Ethiopia

Uni. Queensland

(co-funded with BMGF)



Durum Wheat (Triticum durum): The farmers' varieties are resistant to fungal attack!



Traditional knowledge is the basis for modern research & development



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Other areas of interest and importance

- Nutrition
- Agroforestry
- New genetic technologies: GM and genome editing
- Protecting the free flow and exchange of genetic resources: no loss in allowing access, no gain in constraining access.



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