



World Pulses Day

#LovePulses for healthy diets and planet

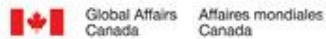
Lessons learnt from partnership between Alliance and DRS&S through PABRA

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Key Institutional factors and Achievements of collaborative efforts between DR&SS and ABC through PABRA in Zimbabwe

- **Transformative partnership :**
 - **Multi-disciplinary research teams** - which included research scientists, extension staff, private sector partners and farmer groups have generated various key technologies, including demand-led varieties and accelerated seed access :
 - For instance in the last ten years Zimbabwe registered canning bean varieties (some of which are biofortified) - these have enabled the canning industry to engage local producers to supply canning bean grain to reduce dependence on imports – supporting government policy on import substitution, and save the needed forex.
 - **Value chain approach involving the private and public sector partnerships** – by engaging input suppliers, seed companies, public sector research and extension staff and smallholder farmers – including women farmers - seed supply increased from **520 tons** (2015) to 1,920 tons (2020) per year



Key Institutional factors and Achievements of collaborative efforts with PABRA in Zimbabwe

- **Alignment with national priorities accelerated the use of research products**
 - E.g. biofortified bean (high Fe and Zn content for nutrition) factored in the national fortification strategy – helped to scale uptake of biofortified varieties in health and education institutions – reaching **8,000 HH** (2015) and **175,500 HH** (2020) through PABRA/FAO/HarvestPlus LFSP support.
 - The PABRA model helped to transform the bean sector
 - The regionality of PABRA helped the National Programme to benefit from members of the networks e.g. fast tracking varieties developed by other member countries



Key Institutional factors and Achievements of collaborative efforts with PABRA in Zimbabwe

The partnership developed products which attract private sector players and bring to scale and create multiple benefits

- **E.g. change in canning industry**
- **Increased utilization of nutrient –dense bean-based products** - through multistakeholder value chain approach various actors including women and youth were engaged to process bean-based value added products (baked bean, maize/bean samp, bean flour, mahewu, fritters) – these were promoted and distributed in supermarkets and restaurants – moving from reaching **3,000** people (2015) to **96,000** people (2020)

Lessons Learnt

- PABRA model bring together global research and national priorities
 - The model allowed the national bean programme and Alliance to work together to solve national agricultural development bottlenecks and delivery of relevant solutions
 - The model helped to build the capacity (scientific knowledge and skills and also crosscutting/soft skills) of our bean programme and to broaden its scope e.g.
 - Multidisciplinary approach in R&D coupled with stakeholder-driven research prioritization can lead to sustainable transformation of the agriculture sector
 - Innovation platforms are a must in the dissemination of technologies as they allow all stakeholders to contribute to the value chain development
 - Awareness on key nutrition issues is key – and this needs to be done at all levels – through multisector inclusion i.e. research, extension, health, education and social welfare to ensure that all stakeholders are involved

Policy Changes

- Mainstreaming multi disciplinary approach across crops
- Mainstreaming the private sector engagement across commodity research
- Mainstreaming of biofortification into the national food fortification strategy – in addition all bean varieties to be registered in Zimbabwe should have information on Fe and Zn content
- Integration of biofortified foods into the school feeding programmes at Primary School level
- Adoption of innovation platform approach in food security initiatives – soyabean, wheat and maize
- Adoption of digitalization in crop assessment studies

Thank you!

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