

## **Grain Postharvest Loss Prevention (GPLP) Project**



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# Presentation Outline



- **Introduction to the project**
- **Project Approach & Clusters**
- **Project key achievements from 2013 to 2017**
- **Strengths & Opportunities**
- **Lessons**





# GPLP – Introduction



## Overall goal:

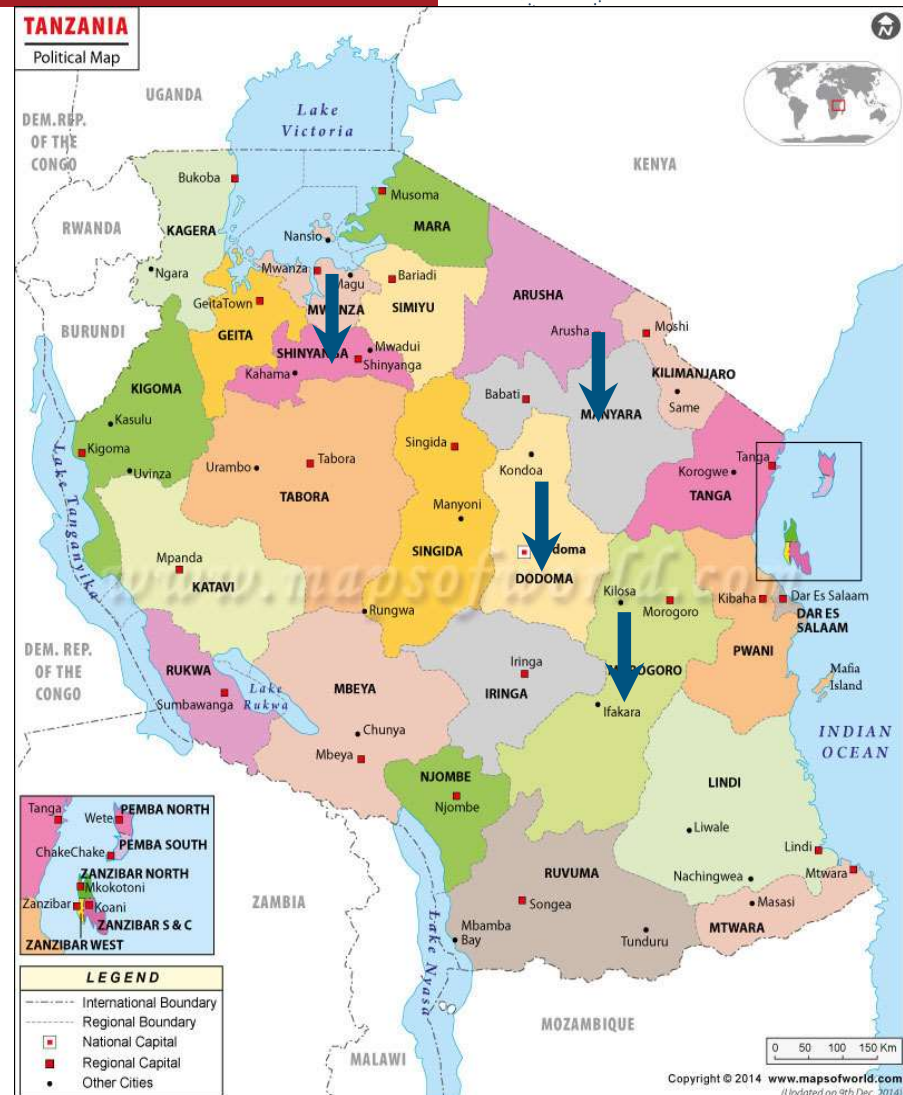
**Reduce postharvest losses** in food grains in the Central Corridor of Tanzania thereby **improve food security** and **incomes** of targeted farming households.

## Project Outcomes:

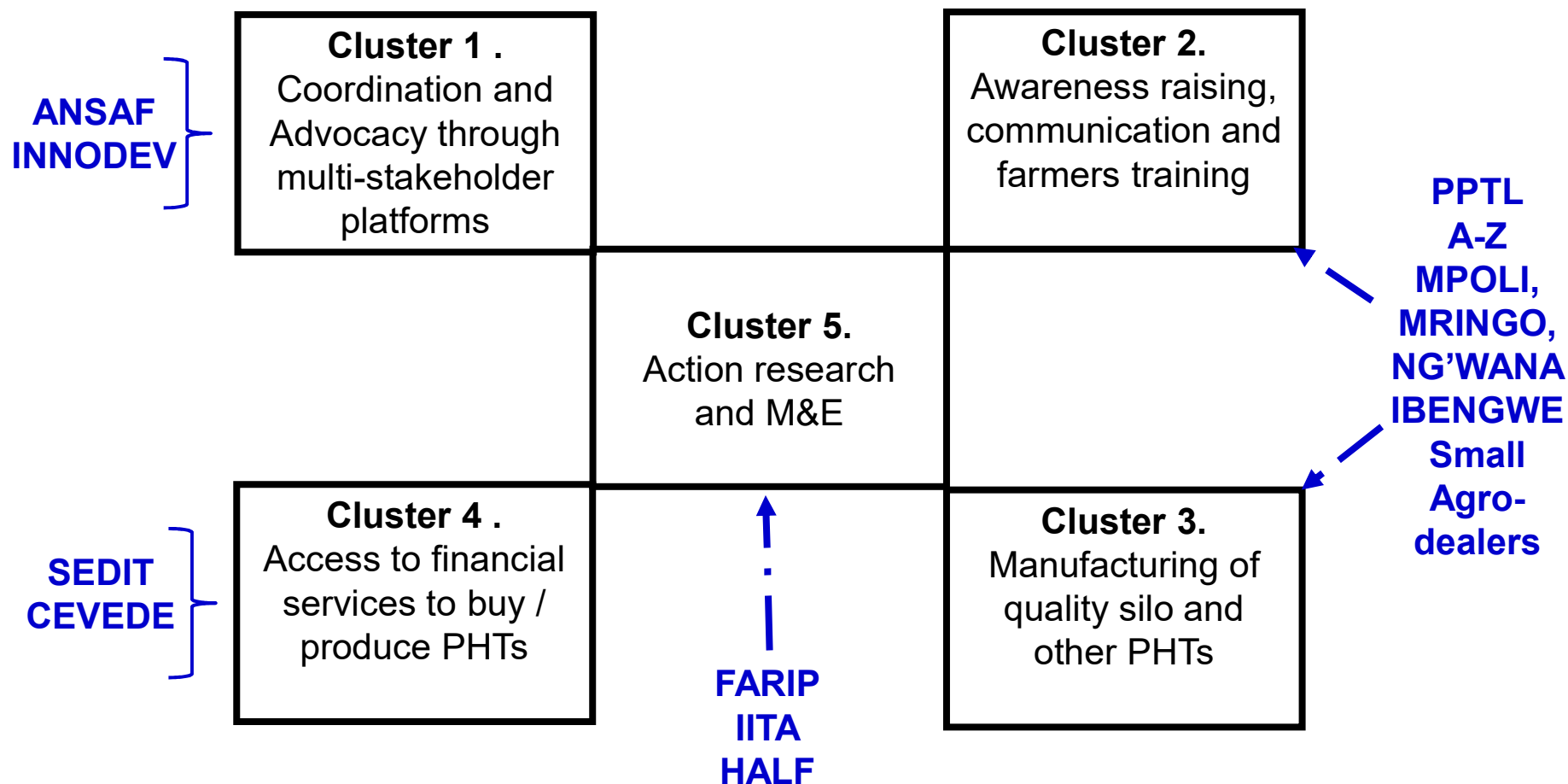
1. Smallholder households have a better **capacity to store grains**.
2. Metal silo market and alternative post-harvest **technology markets are in place**.
3. Post-harvest **policies and framework conditions in Tanzania are improved**.

## Coverage Area:

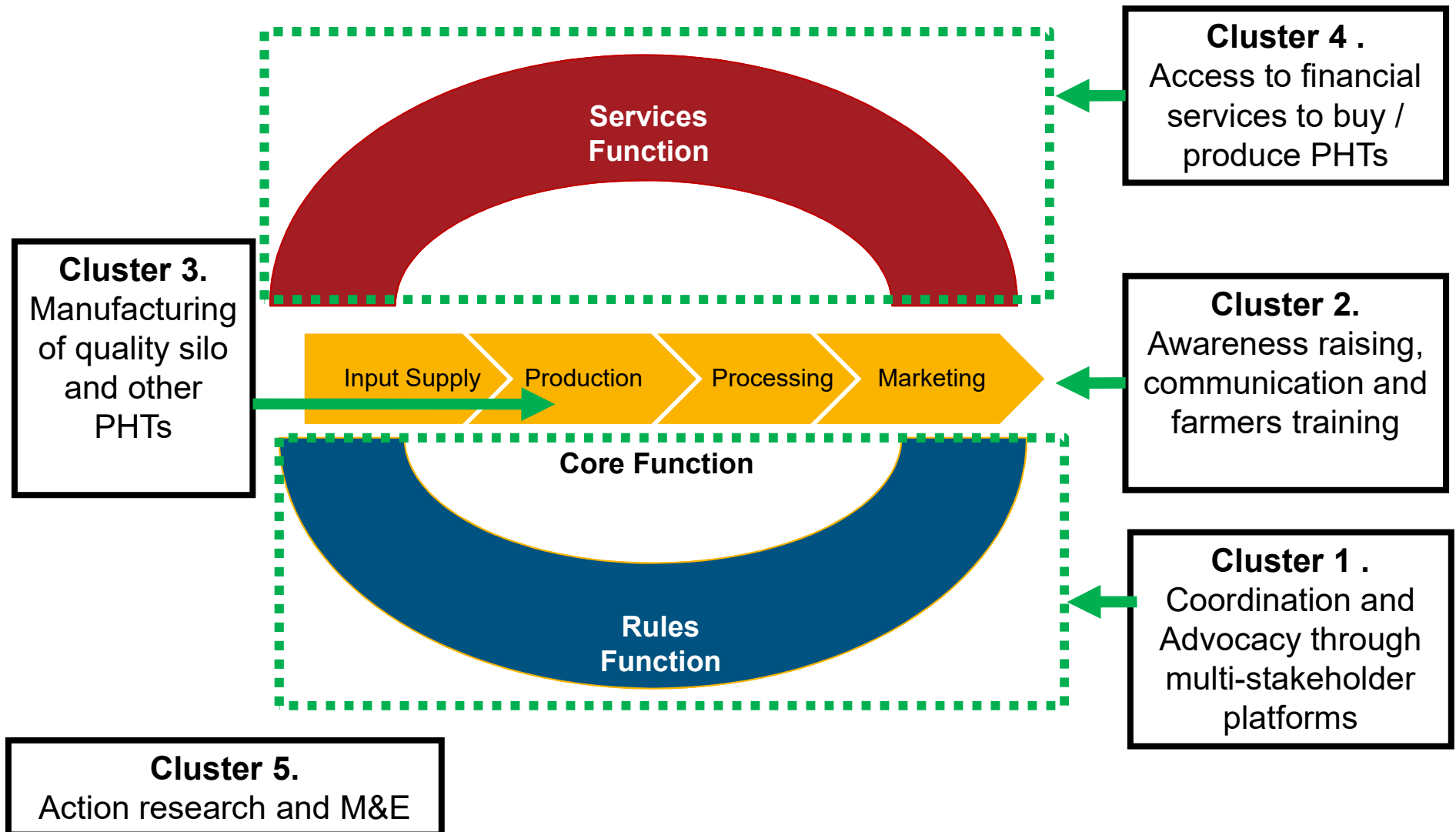
Morogoro, Dodoma, Manyara & Shinyanga



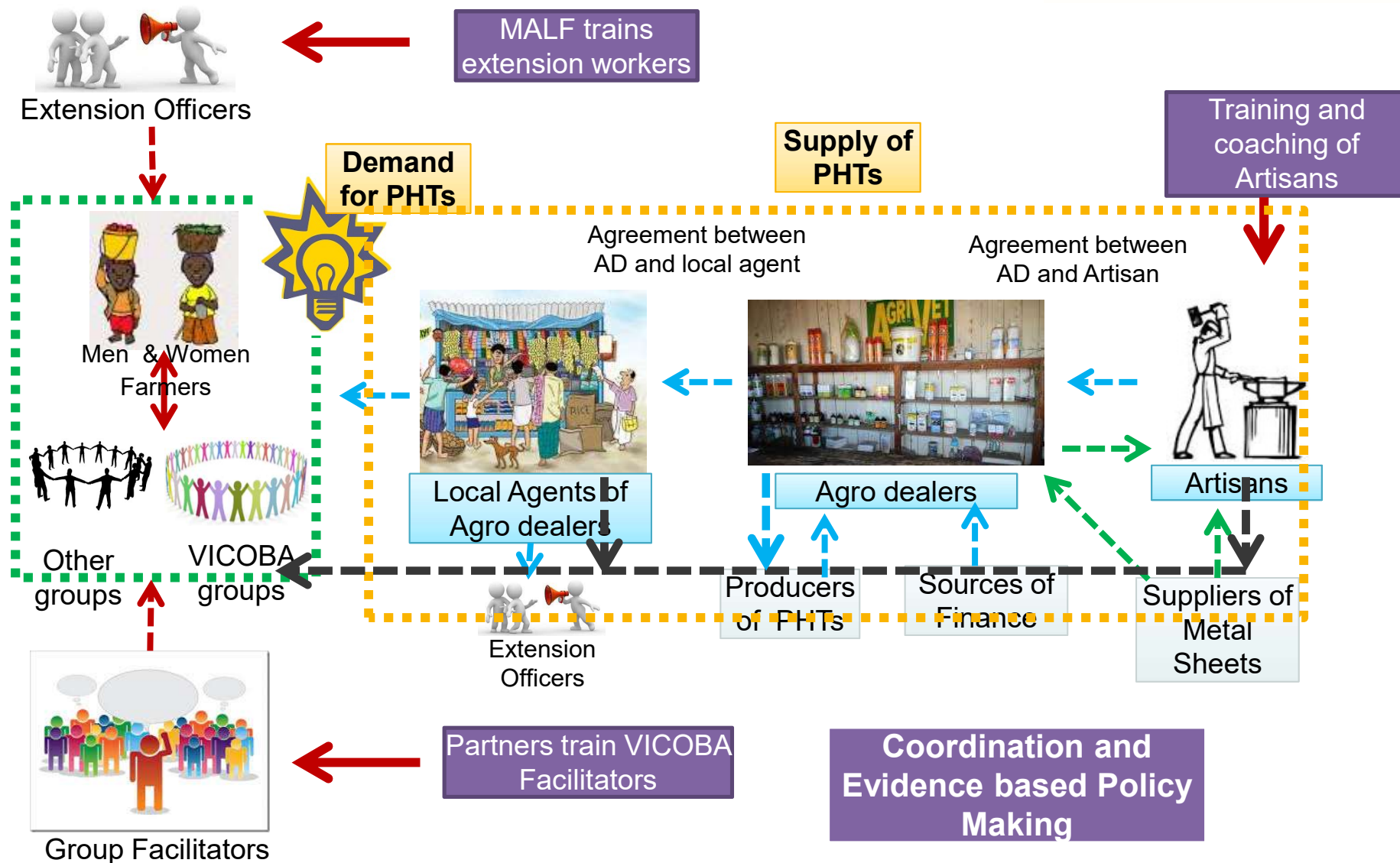
# GPLP –Clusters & Partners



# GPLP – Approach and Clusters



# GPLP – Business Model and Its Execution



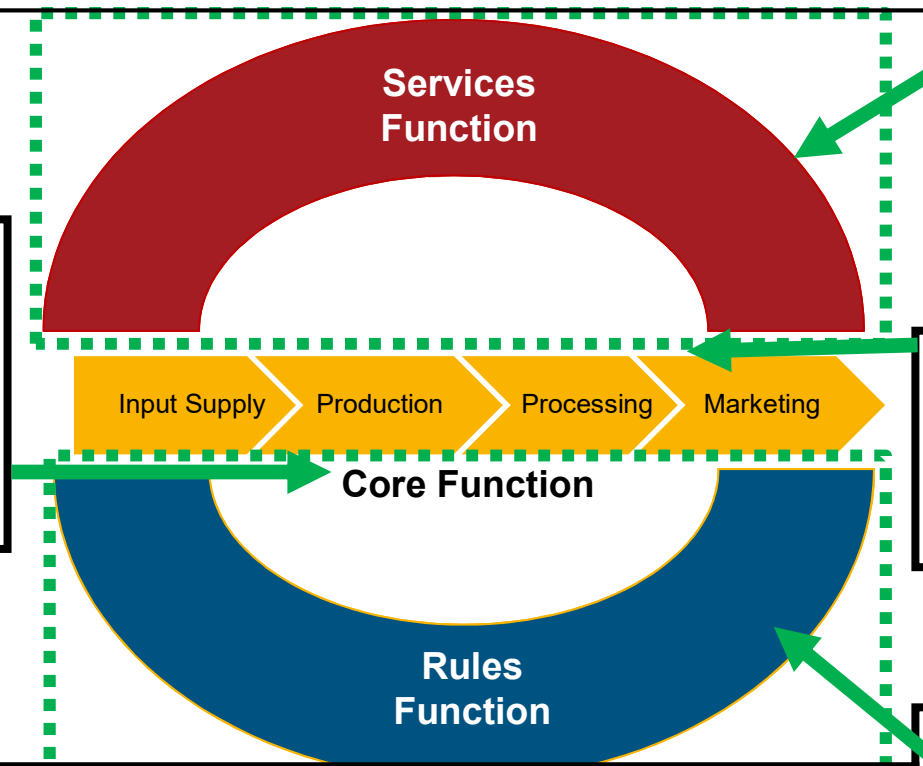
# GPLP – Key Achievements



**94 %** of trained farmers adopt improved PHM practices;  
**2073** metal silos and 40,000 hermetic bag adopted by 7800 farmers.

**Cluster 4 .**  
*8,284 farmers have access to finance through VICOBA groups.*

**Cluster 3.**  
*81 artisans trained on metal silo fabrication and produced more than 2100 silos*



**Cluster 2.**  
*242 Ex workers & LF trained more than 27,000 farmers on improved PHM practices.*

**Cluster 1 .**

- National PHM strategy in final staged,
- By-laws governing PHM practices and PHTs drafted and opinions in 3 districts collected, and in 5 district in progress.

**Cluster 5.**

- Carried out on-farm trails of different PHT organized.
- Piloted the leasing of metal silo (TSS model) in Msowero.
- Carried out studies on capitalization of seed money, cost benefit analysis of different PHTs in collaboration with HALF university, factors influencing adoption of PHT and local artisans tracer study.
- Promoted lessons on PHM through mass media (TV and radio) and social media

# Key Strengths & Opportunities



- Readiness of the government through MALF in developing national PHM strategy.
- Strong collaboration with LGAs through DAICO's office (district focal persons and extension officers).
- Existence of market actors (both agro-dealers and artisans) with aligned vision to project business model.
- Availability of manufactures and suppliers PHTs like PICs bags and metal silo materials.
- Presence of service providers necessary for providing necessary services required by the business model.



# Lessons Learnt



- Climate change resulting into ***unstable climatic conditions***, which are ***affecting production trends and harvests***.
- Adoption of new technology (e.g. metal silo) ***is always slow*** and ***only market players with a longer term vision are interested to engage*** in such business.
- VICOBA groups have usually accrued a significant amount of money, but ***are rarely investing it in PHT***.
- Market players/agro-dealers, just like any other business, ***hesitate to take risk in investing in a new business (such as metal silos) that seems to have no immediate benefit***.
- ***Motivated and capable partners with a shared vision*** on the market system are key to the ***success and sustainability of market*** development interventions.

# Key Lessons Learnt



- The ***sustainability and scaling up of the business model*** is only possible where ***private sector takes the leading role*** e.g. as demonstrated in Kondoa and Hanang districts.
- The ***sustainability of metal silo business, for artisans as well as market players, is highly depending on how much the demand*** is continually ***being created***.
- There have been existing some competitive approaches by different organisations promoting PHM (Market based Vs free give away ), hence a need for ***harmonized approaches*** against.
- ***Coordination*** of various PHM initiatives by the government at national/ministry level and local level is very important for enhancing/engaging ***strategic collaboration between various PHM actors***, in a way that will bring about more efficiency & effectiveness, and sustainability.

# Agro-dealer in Kondoa





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Thank you!

- Establishment of Postharvest Management Services Section under National Food Security Department
- The section has a mandate
  - To develop policies/strategies and incorporate them in sector programmes.
  - to provide technical backstopping on postharvest management to Local Government Authority staff and other key stakeholders all over the country.





Thank you!

