

# DIVERSIFARM-India: MAPPING OF CSBs

*Community seed banks in times of change*  
National seminar at NASC, New Delhi,  
8-9 April 2025

**Presented by: Viviana Meixner Vásquez**

Project member of DIVERSIFARM-India and  
Researcher, Fridtjof Nansen Institute, Norway



Photo: AGRAGAMEE



M S Swaminathan  
Research Foundation  
SCIENCE FOR SUSTAINABLE DEVELOPMENT



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# TEAM AND CO-AUTHORS



**Ms. Viviana Meixner  
Vásquez**

Researcher  
FNI



**Dr. C.M. Pratheepa**

Senior Scientist  
MSSRF



**Mr. Prajeesh  
Parameswaran**

Senior Scientist  
MSSRF



**Mr. Rabinda Behera**

Development Associate  
MSSRF



**Dr. R. Rengalakshmi**

Executive Director –  
Area Operations  
MSSRF



**Dr. Regine Andersen**

Research Director and  
Research Professor  
FNI



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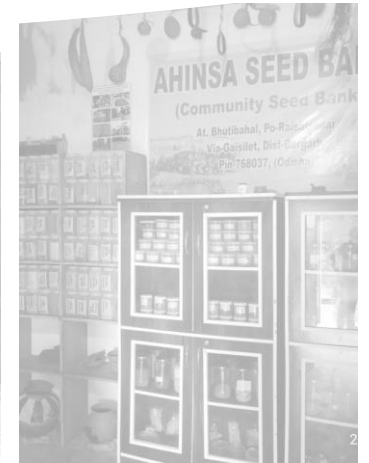
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## COMMUNITY SEED BANKS



## Bibifathima CSB

## COMMUNITY SEED BANKS



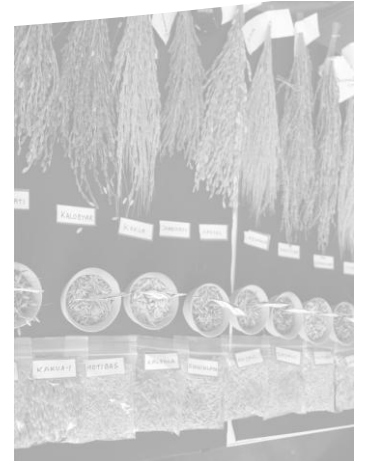
## Rice Diversity Center

# COMMUNITY SEED BANKS



## Kandraguda CSB

# COMMUNITY SEED BANKS



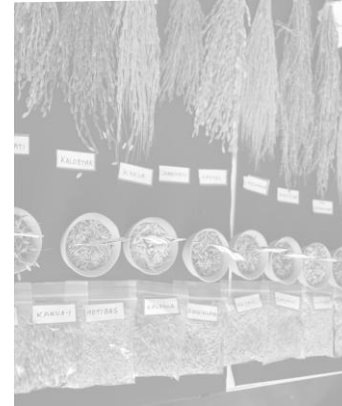
## Bismilla CSB

# COMMUNITY SEED BANKS



## Ahinsa CSB

# COMMUNITY SEED BANKS



## Bogeidapar CSB



# COMMUNITY SEED BANKS



# ARSW CSB

# COMMUNITY SEED BANKS



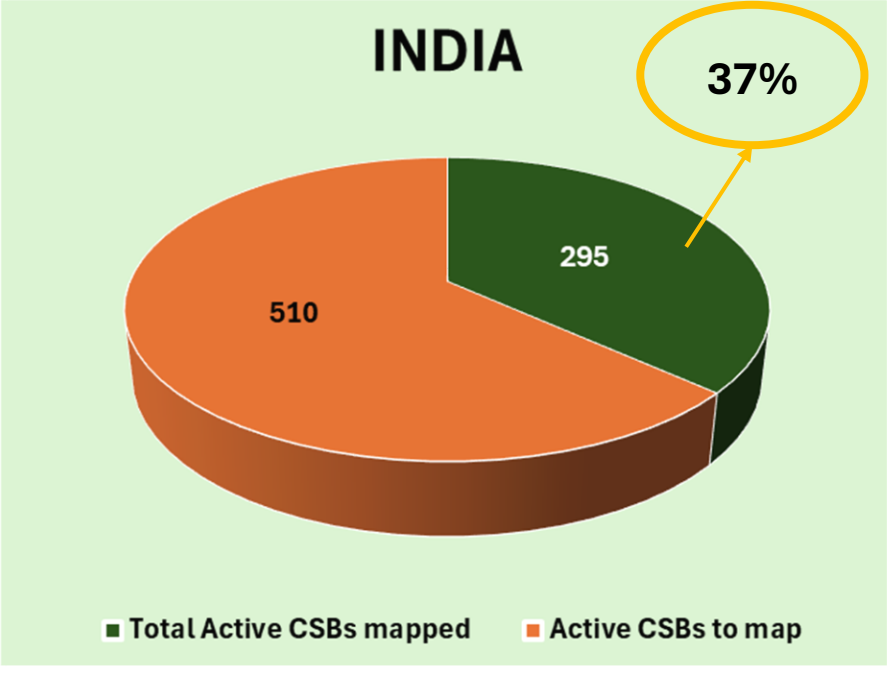
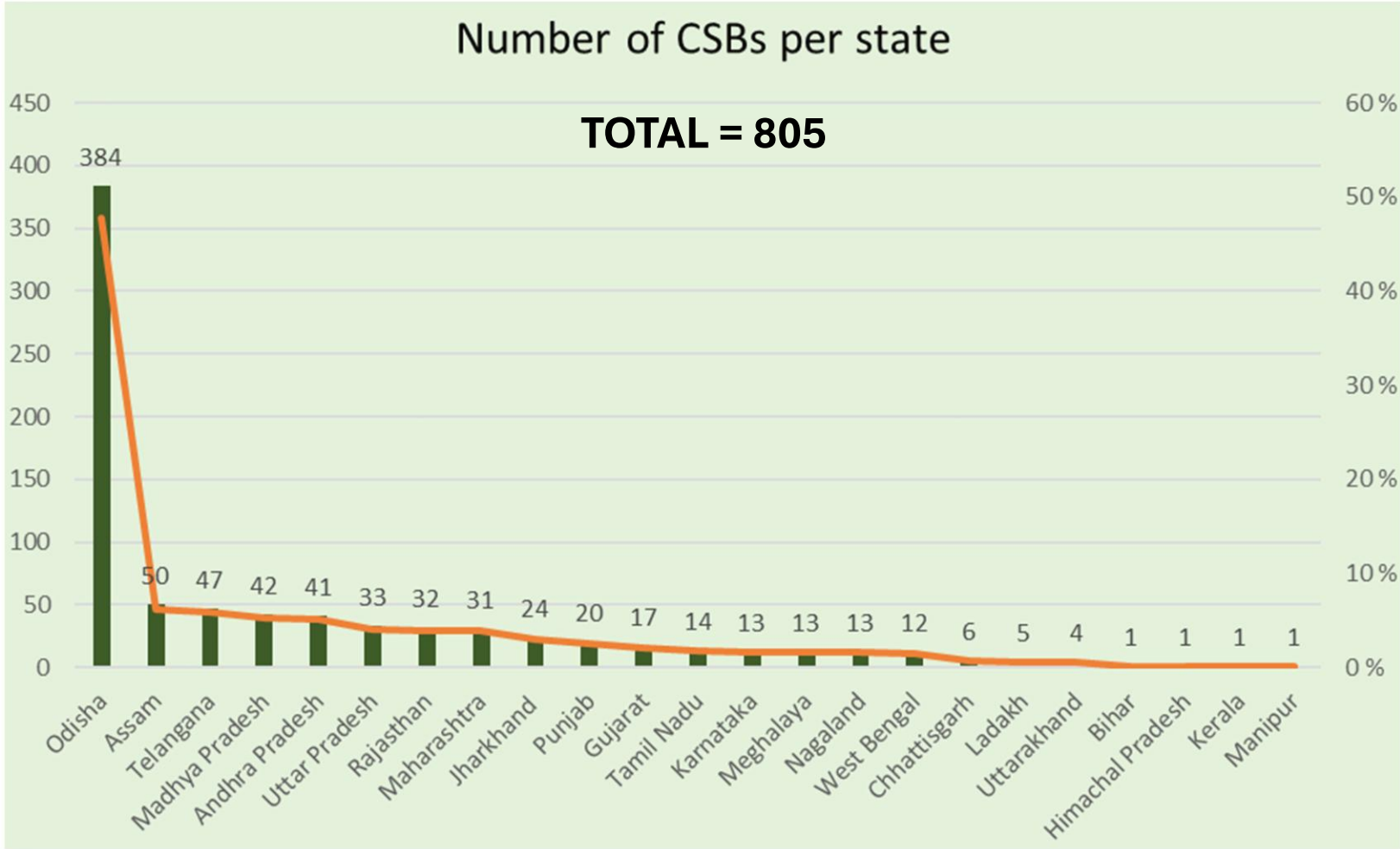
## Jyoti CSB

# COMMUNITY SEED BANKS



# Pondpus CSB

# OVERVIEW OF CSBs - INDIA



**Active** indicates whether the CSB is conducting activities.

# MAPPED COMMUNITY SEED BANKS PER STATE

$n = 295$

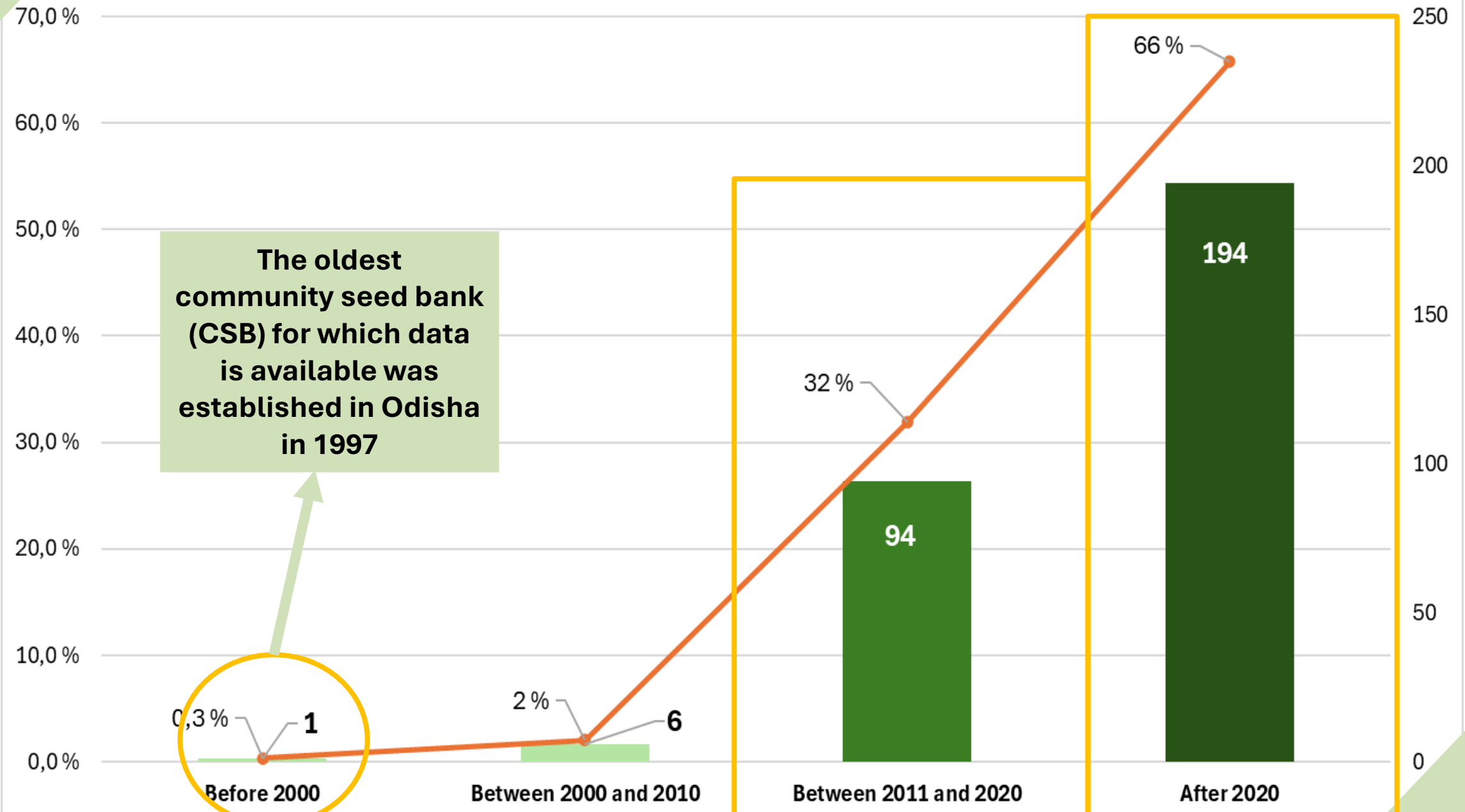
83%

17%

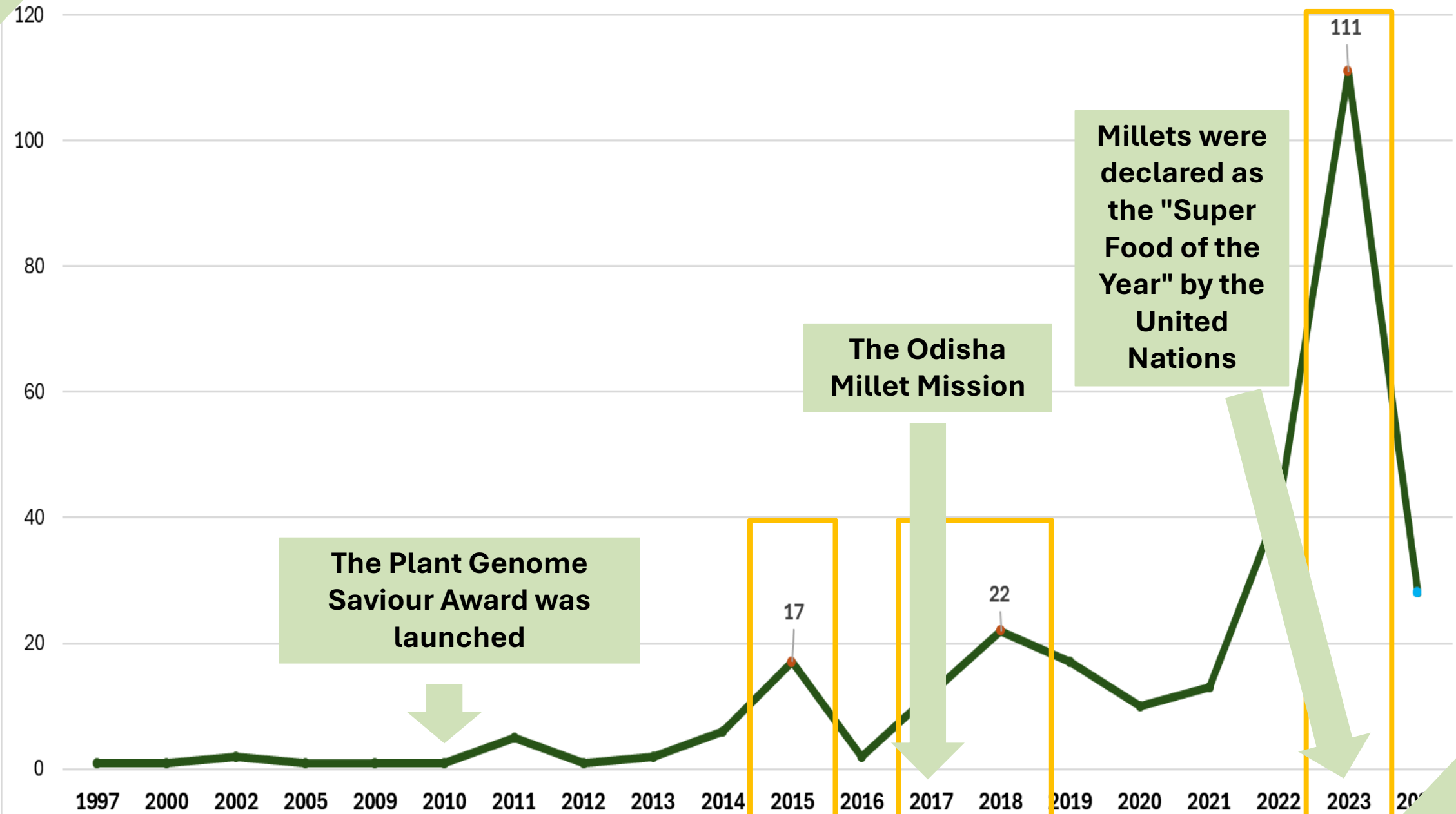
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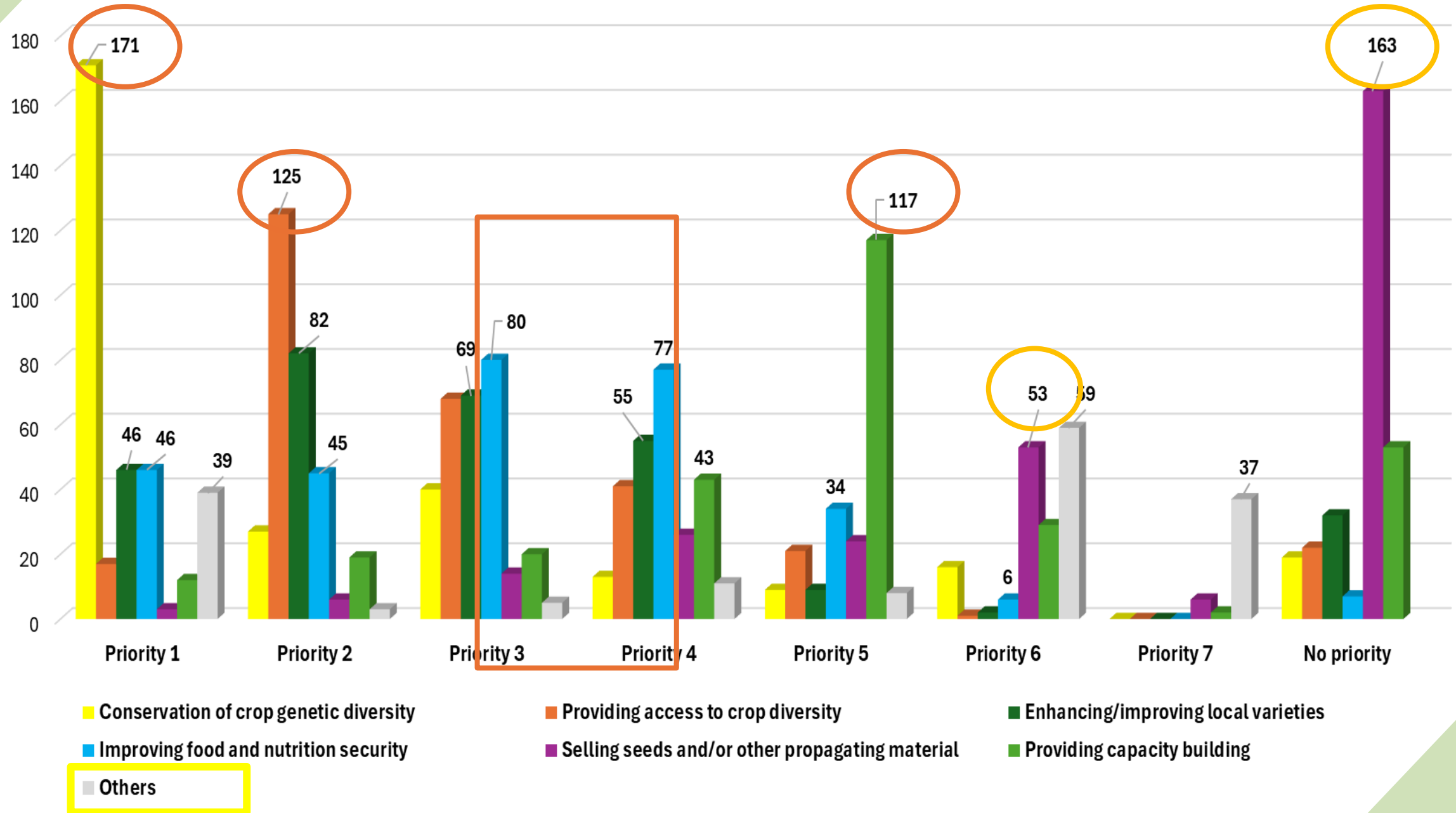
# TIME DISTRIBUTION OF COMMUNITY SEED BANKS



# OVERVIEW OF THE ESTABLISHMENT OF THE CSBs OVER YEARS



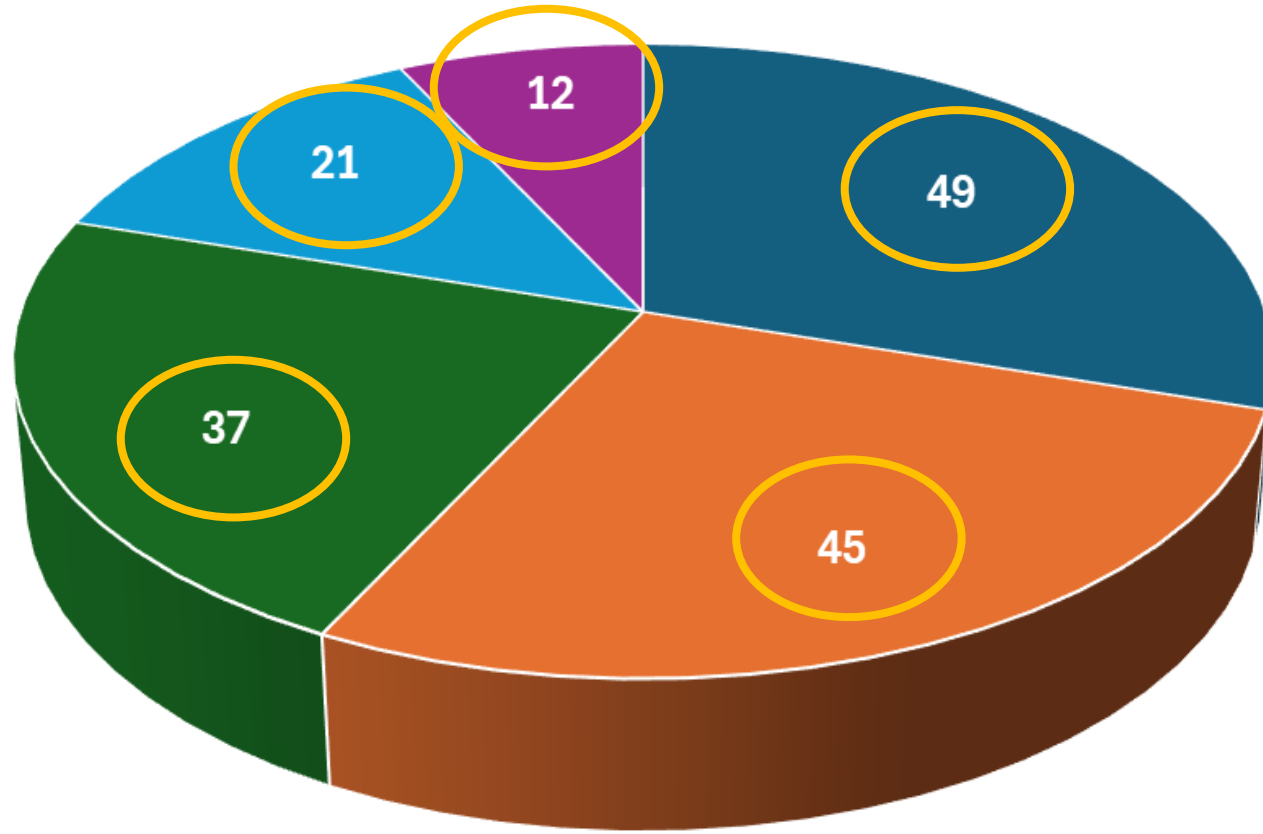
# OBJECTIVES FOR WHICH CSBs HAVE BEEN ESTABLISHED





# OTHER OBJECTIVES LEADING THE ESTABLISHMENT OF CSBs

n =164

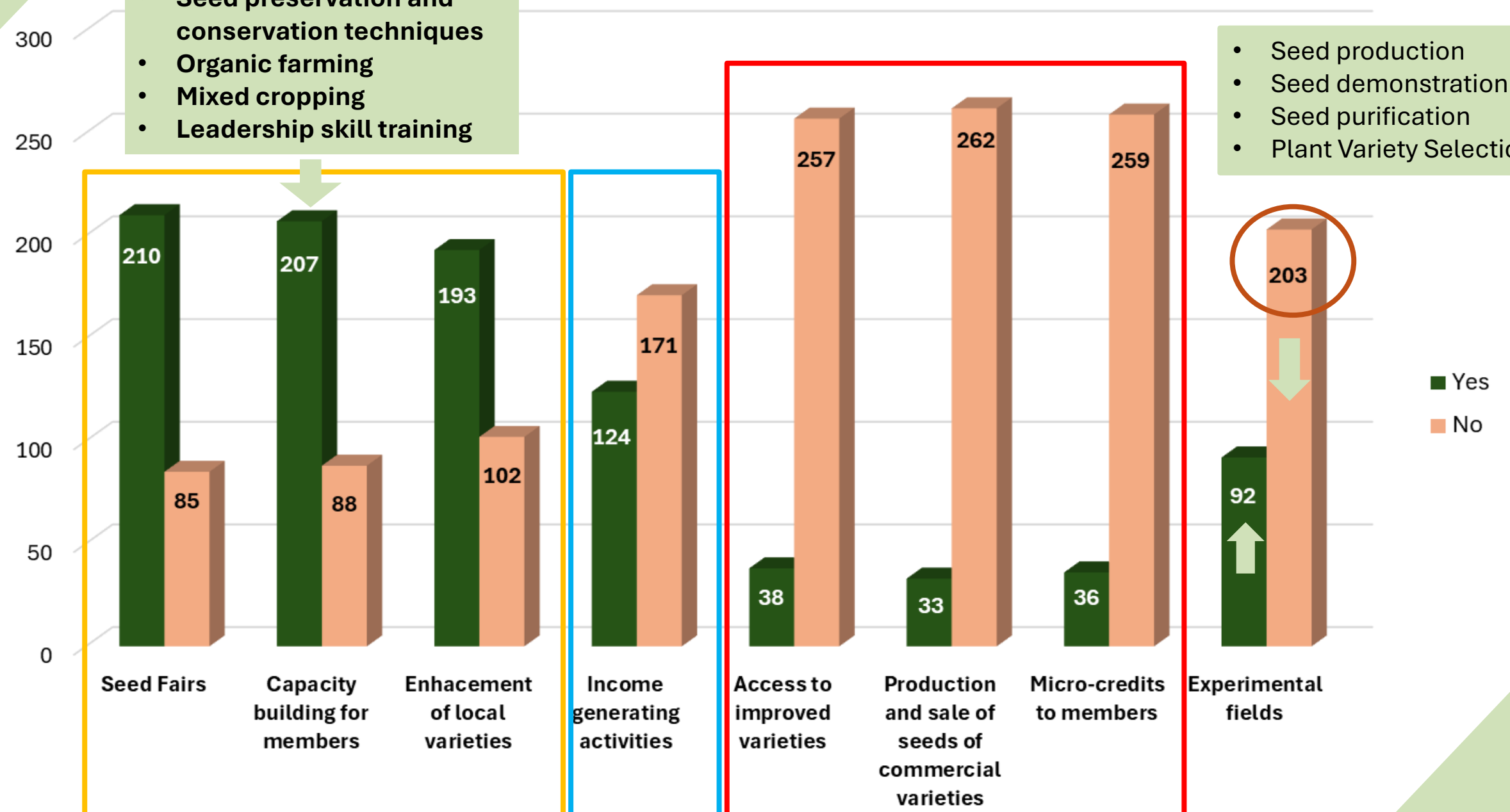


- Promote climate-resilient and sustainable agriculture
- Revive and transfer the Indigenous agricultural heritage and knowledge
- Ensure seed self sufficient and promote seed sovereignty
- Promote seed exchange
- Promote leadership and empowerment

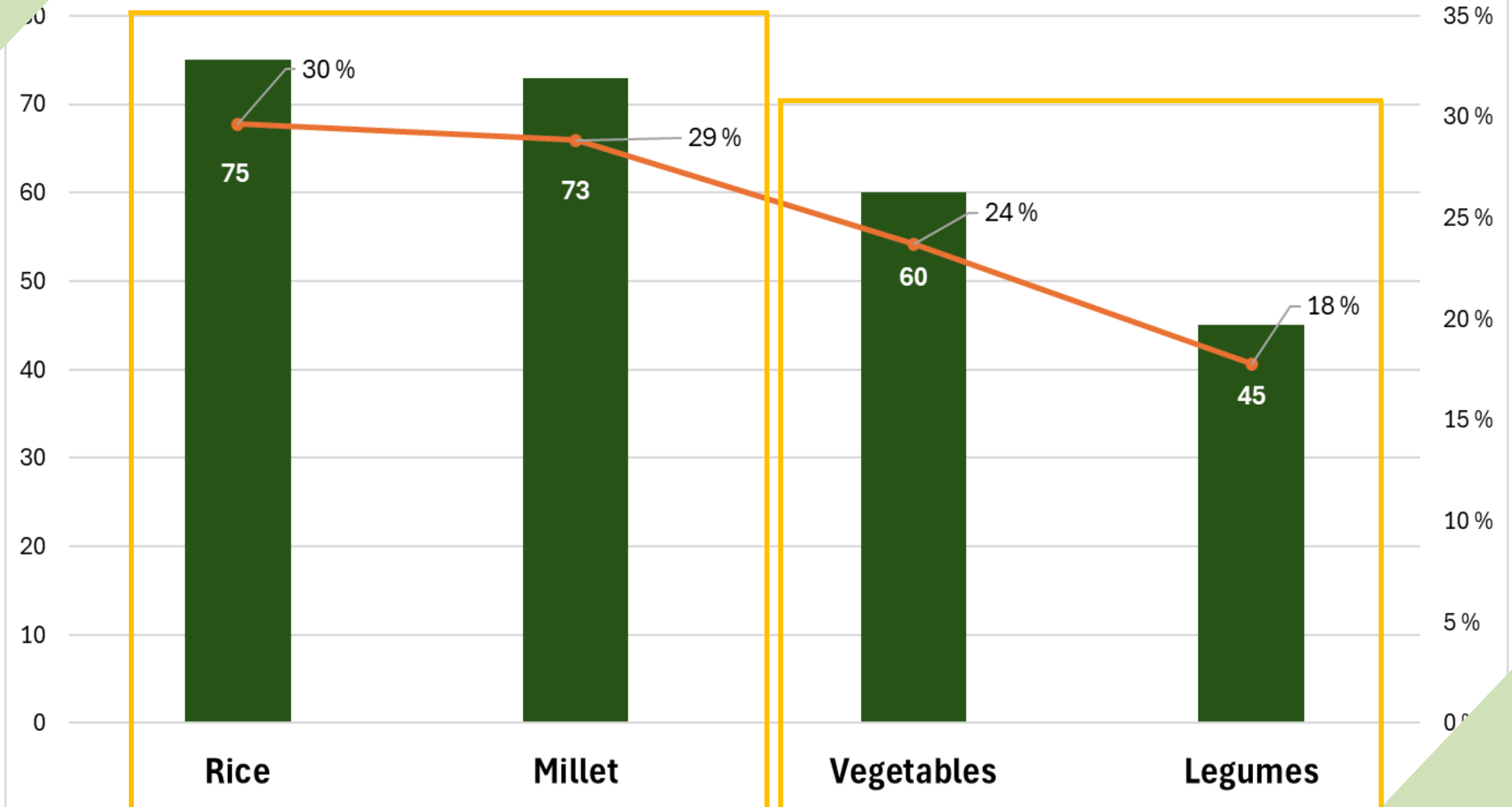
# ACTIVITIES AT THE CSBs

- Seed management
- Seed treatment
- Seed preservation and conservation techniques
- Organic farming
- Mixed cropping
- Leadership skill training

- Seed production
- Seed demonstration
- Seed purification
- Plant Variety Selection



# PRIORITY CROPS AT THE CSBs



# T TYPOLOGY

Activities

Seed  
distribution

Governance  
Management

Promoting  
organization

Operational  
Structure

Objectives

Priority crop

Size of the  
CSB

Gender  
distribution  
among  
members

# TYPOLGY

Activities

Seed  
distribution

Governance  
Management

Promoting  
organization

Operational  
Structure

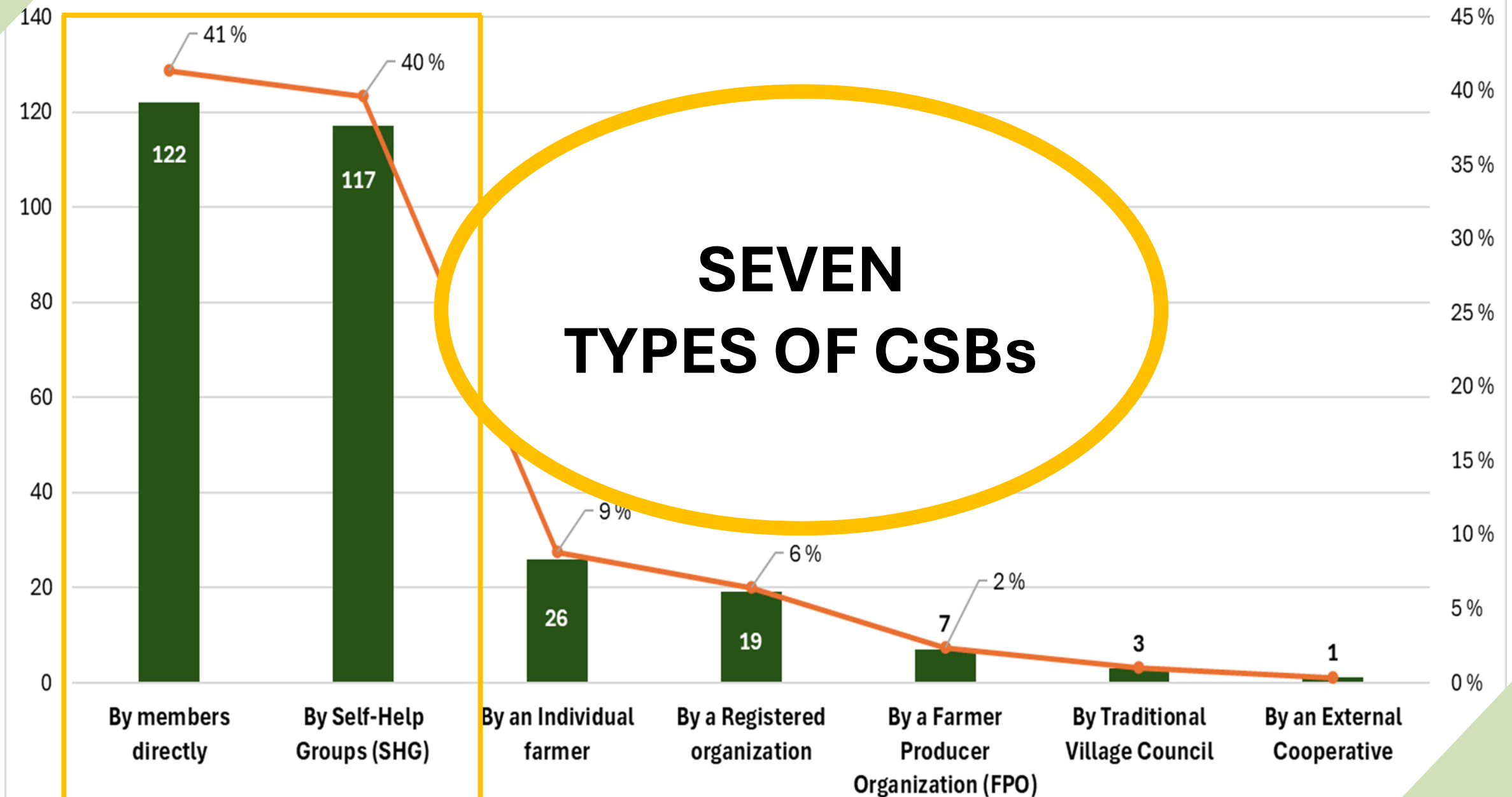
Objectives

Priority crop

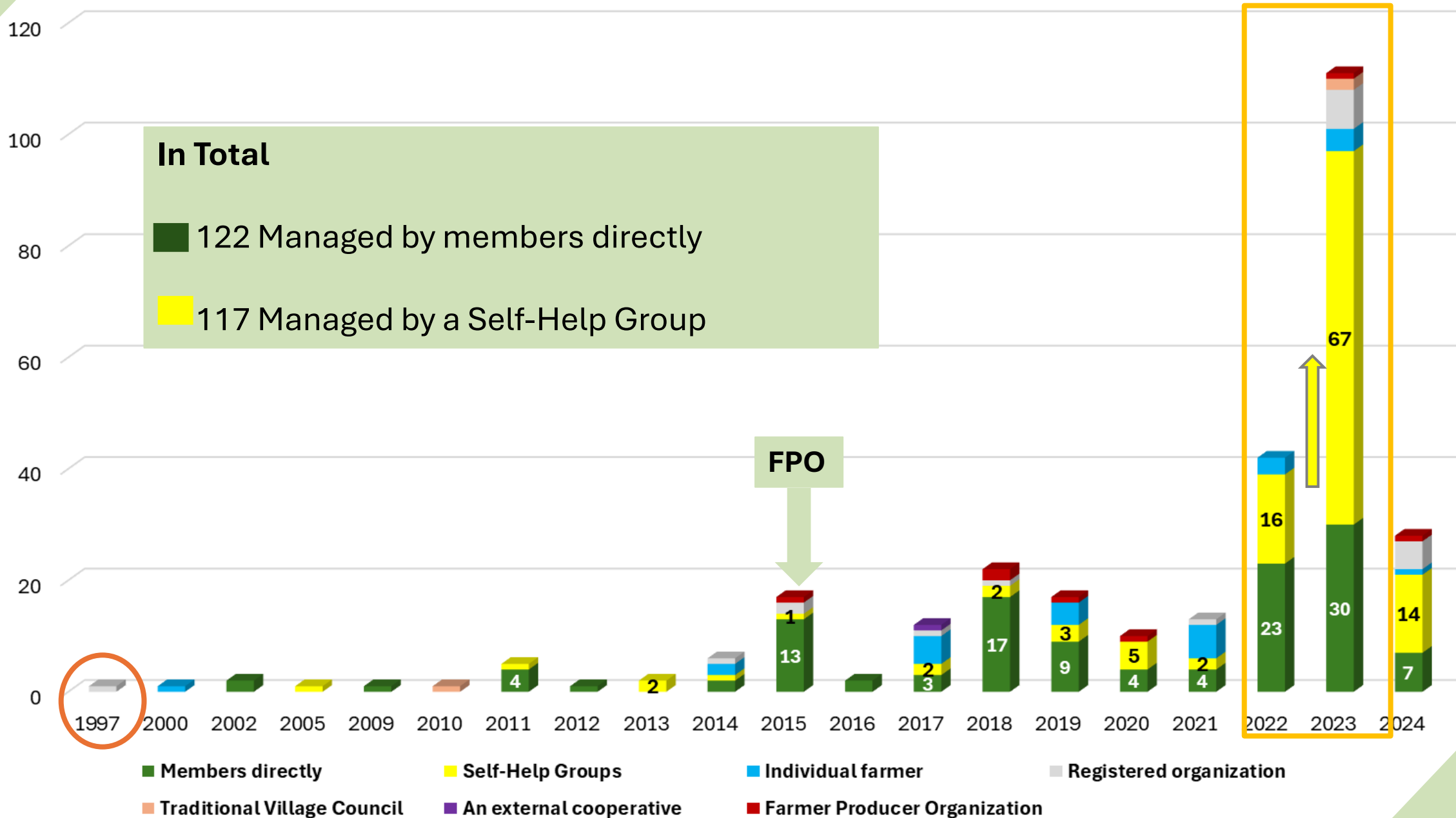
Size of the  
CSB

Gender  
distribution  
among  
members

# TYPES OF MANAGMENT OF CSBs

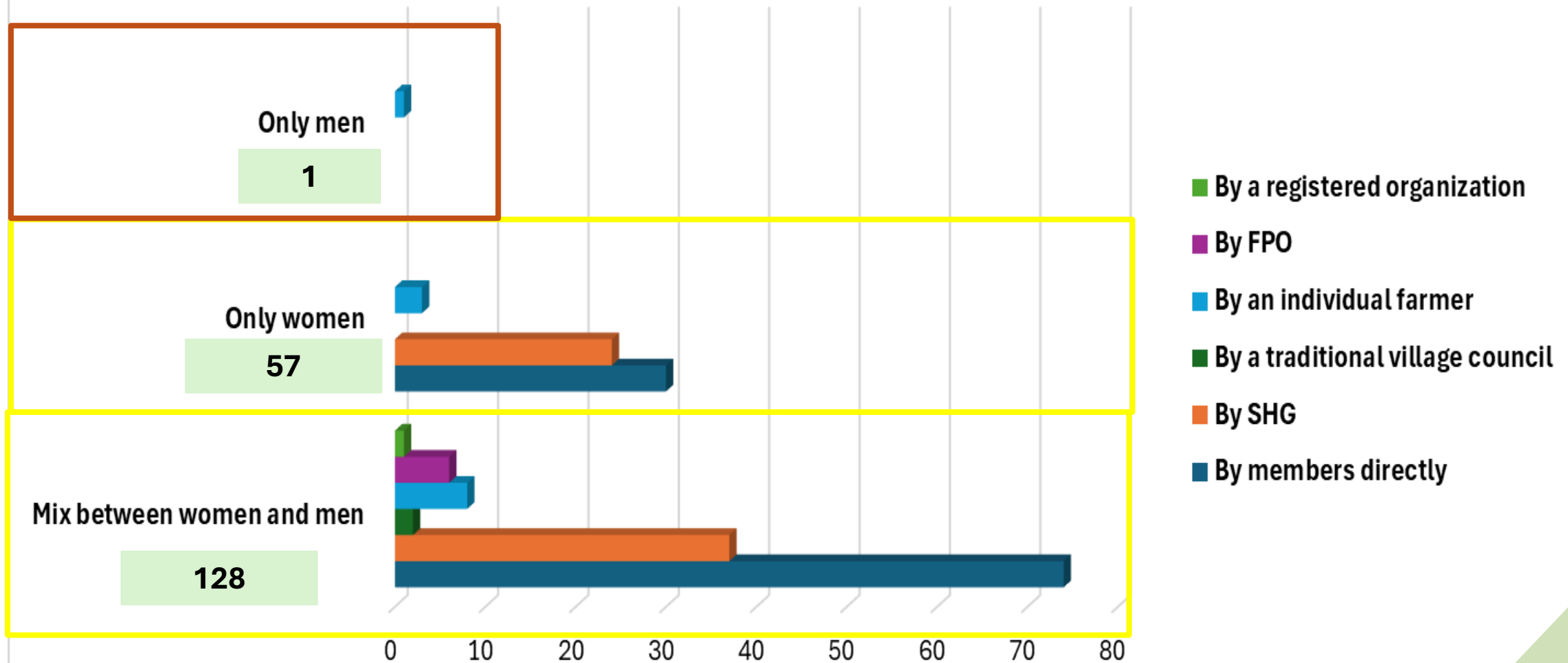


# TYPES OF CSBs OVER YEARS AND TRENDS IN MANAGEMENT



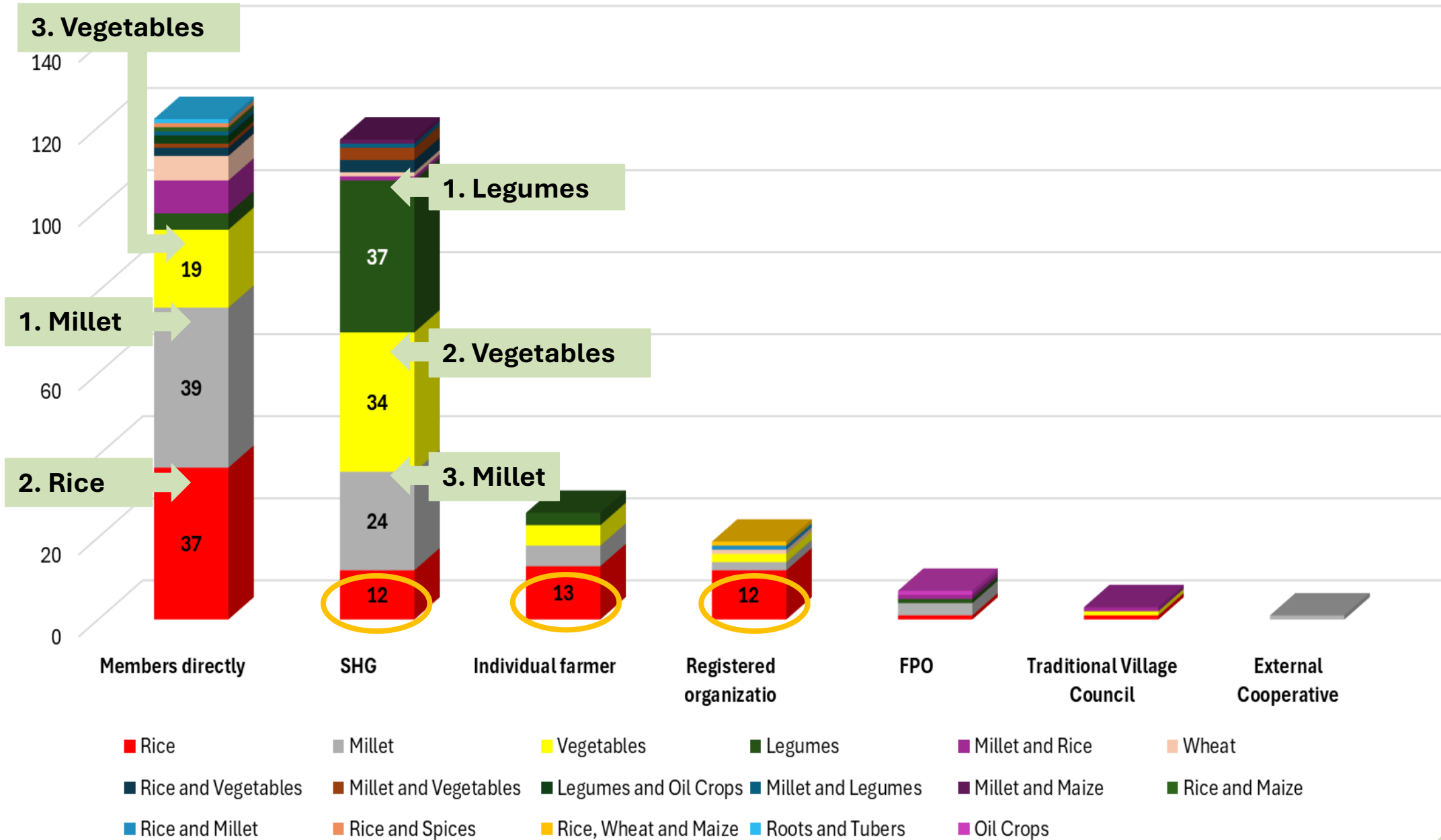
# GENDER DISTRIBUTION AMONG MEMBERS OF THE CSBs

n = 186

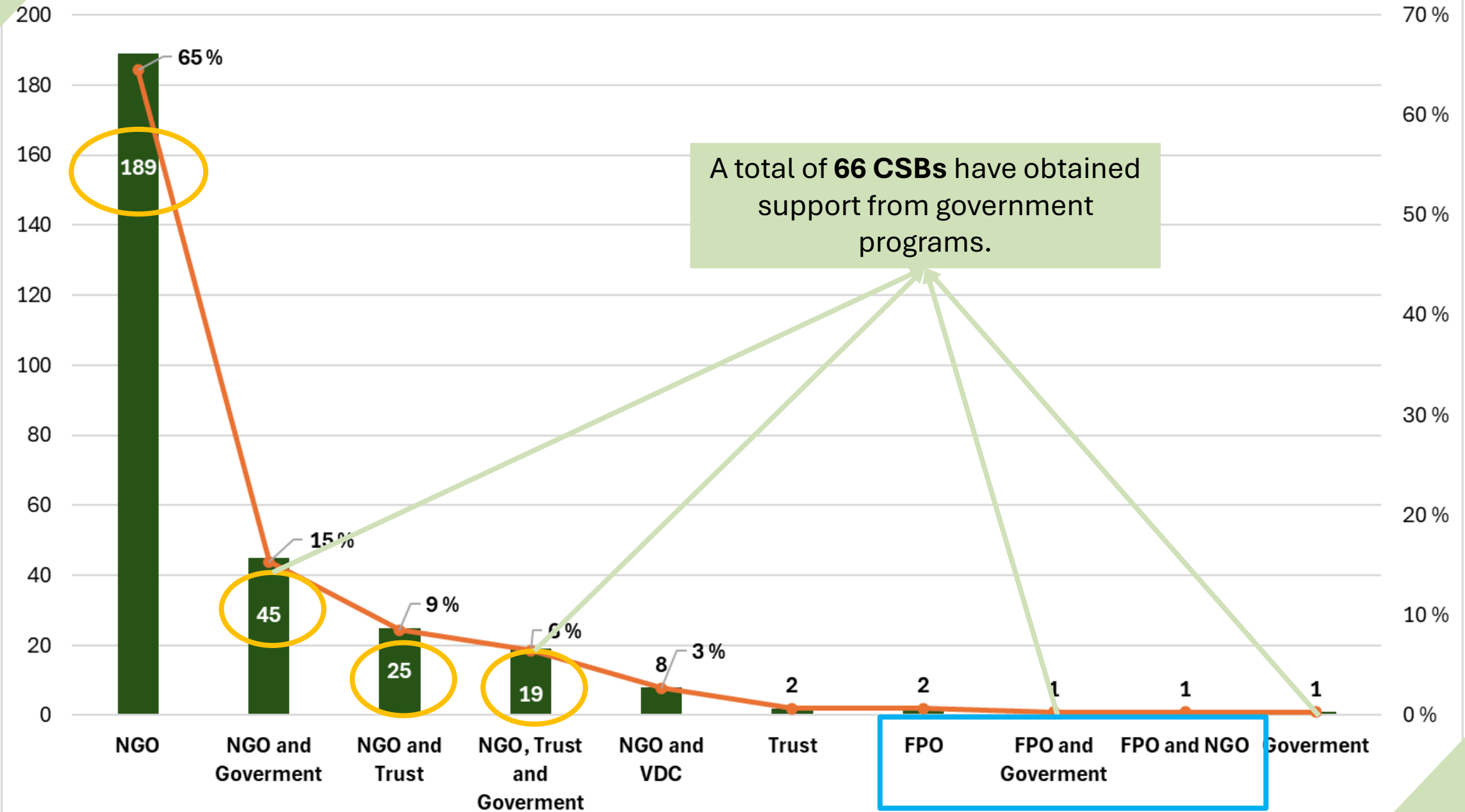




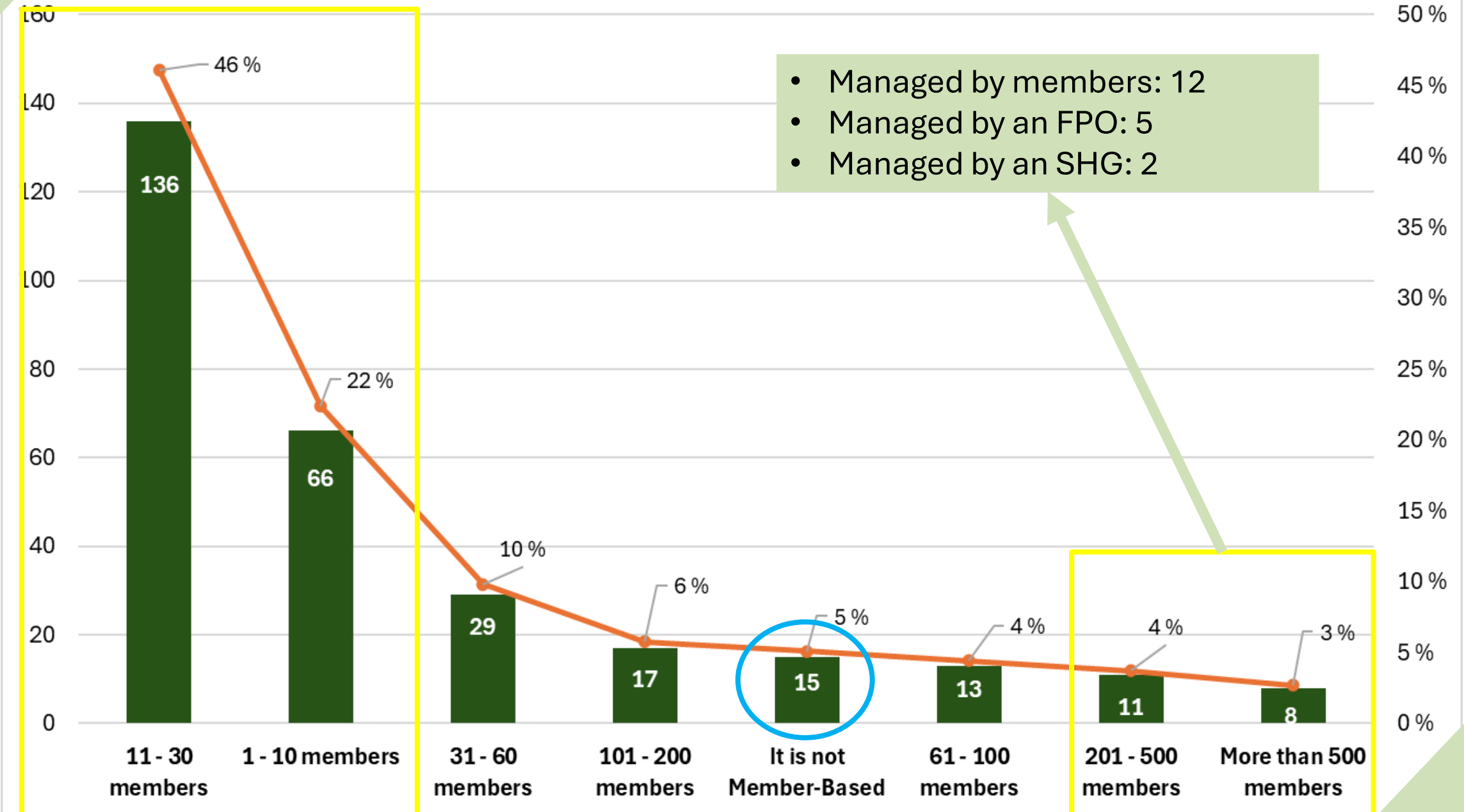
# PRIORITY CROPS PER TYPE OF CSB



# TYPE OF SUPPORT FOR THE COMMUNITY SEED BANKS

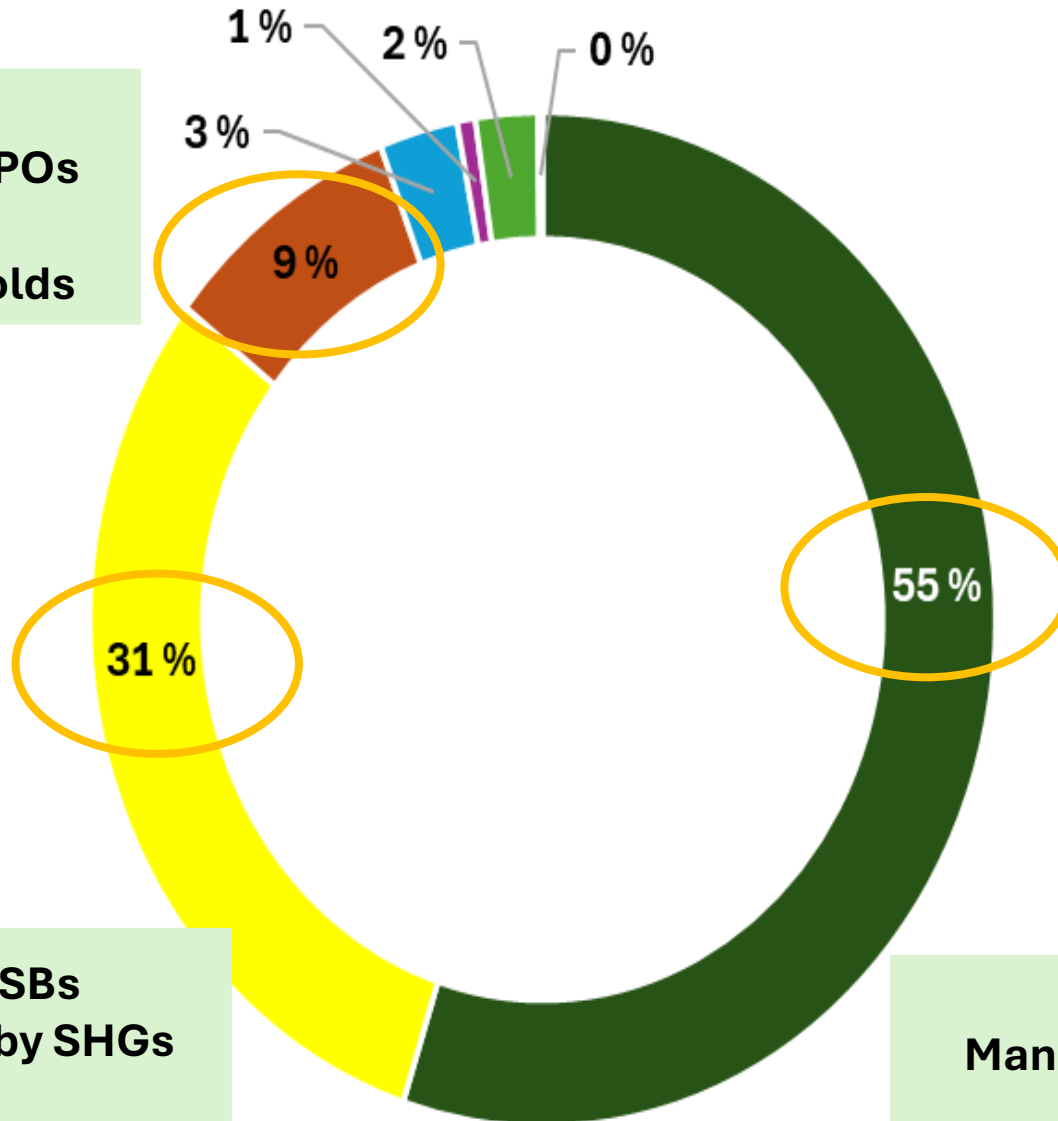


# MEMBERSHIP OF THE CSBs



# BENEFICIARIES

**Total: Around  
35000  
households**



**7 CSBs  
Managed by FPOs  
3000 Households**

**117 CSBs  
Managed by SHGs  
10000 Households**

**122 CSBs  
Managed by members  
19500 Households**

- Members Directly
- Self-Help Groups
- Farmer Producer Organization
- Registered Organization
- Traditional Village Council
- External Cooperative
- Individual farmer

# PRODUCTION OF QUALITY SEEDS

Specialization of a group of farmers in seed production

Use of traditional post-harvest processing and seed preservation methods

Conduct seed germination test

Maintenance of seed profile

Establishments of a monitoring committee for seed production

Maintenance of seed exchange records - Traceability



# TRENDS

2000

2005

2010

2015

2020

2025

**Support from relevant authorities to CSBs**

**Networking between and among CSBs**

**Professionalization**

**Commercialization**

# REQUIREMENTS TO ACHIEVE SUSTAINABILITY OF CSBs

## Internal strengthening of CSBs

Capacity Building

Field demonstration on seed production and preservation

Exchange visits between CSBs

Integration between CSBs and Government Programs

## Infrastructure and market development

Infrastructure for seed storage (Building and materials)

Agricultural processing units

Support for marketing of seeds/valued added products

Promotion of produce from CSBs through FPOs

## Support and promotion of genetic diversity

Promotion of consumption of local crops for Food & Nutrition Security

Promotion of production of local crop varieties for Climate Change Adaptation

Promotion of conservation of local crop varieties

Introduction of local crop varieties into Government Programs



# THANK YOU

***‘Money does not last, but  
seeds do remain with us’***  
(Pionetti, 2011)

