



TWIGIRE MUHINZI NATIONAL EXTENSION SYSTEM

Rwanda Agriculture Board (RAB)
November, 2015



Introduction

- Twigire Muhinzi extension model is a true 'home-grown solution' to ensure that all farmers in Rwanda have access to advisory services.
- The model is based on two farmer to farmer extension approaches: Farmer Promoter approach and the Farmer Field School approach
- Efficient, decentralized, integrated, farmer-oriented extension system
- That provides accountable services to farmers
- Through improved efficiency in the management and delivery of extension services at district level
- Specific goals:
 - Maintain national food security
 - Improve Productivity
 - Increase Income
 - Improve livelihoods



How ?

- Technology development and dissemination are **demand driven**
- **Extension agents** are well trained and facilitated to carry out their duty
- **Create ideal conditions** for *technology transfer & exchange of information* between producers, farmer organizations and different partners
- **Improve access** of smallholders to agricultural technologies & knowledge



Principles which guide Twigire muhinzi



Promotion of **farmer-driven extension** and research through farmer – to- farmer approaches of **Farmer promoters & FFS Facilitators**



Farmer empowerment through promoting organization of farmers into Twigire farmer groups at village level.



Demand driven extension & advisory services through formation of agricultural committees with farmers' representation at all implementation levels



Pluralistic approach for broaden extension services delivery where various actors such as the private sector (NGOs, input suppliers) and FBOs also provide advisory services.



Strengthened decentralized extension services management and delivery



Development of ICT to enhance provision of advisory services (FPs & FFS Facs are facilitated with extension packages through plus a toll free number-4675- helpdesk for farmers



An effective monitoring and evaluation system- A coordinator assigned to each district-Regular reporting; Feedback provided. Studies /surveys undertaken at end of each season.



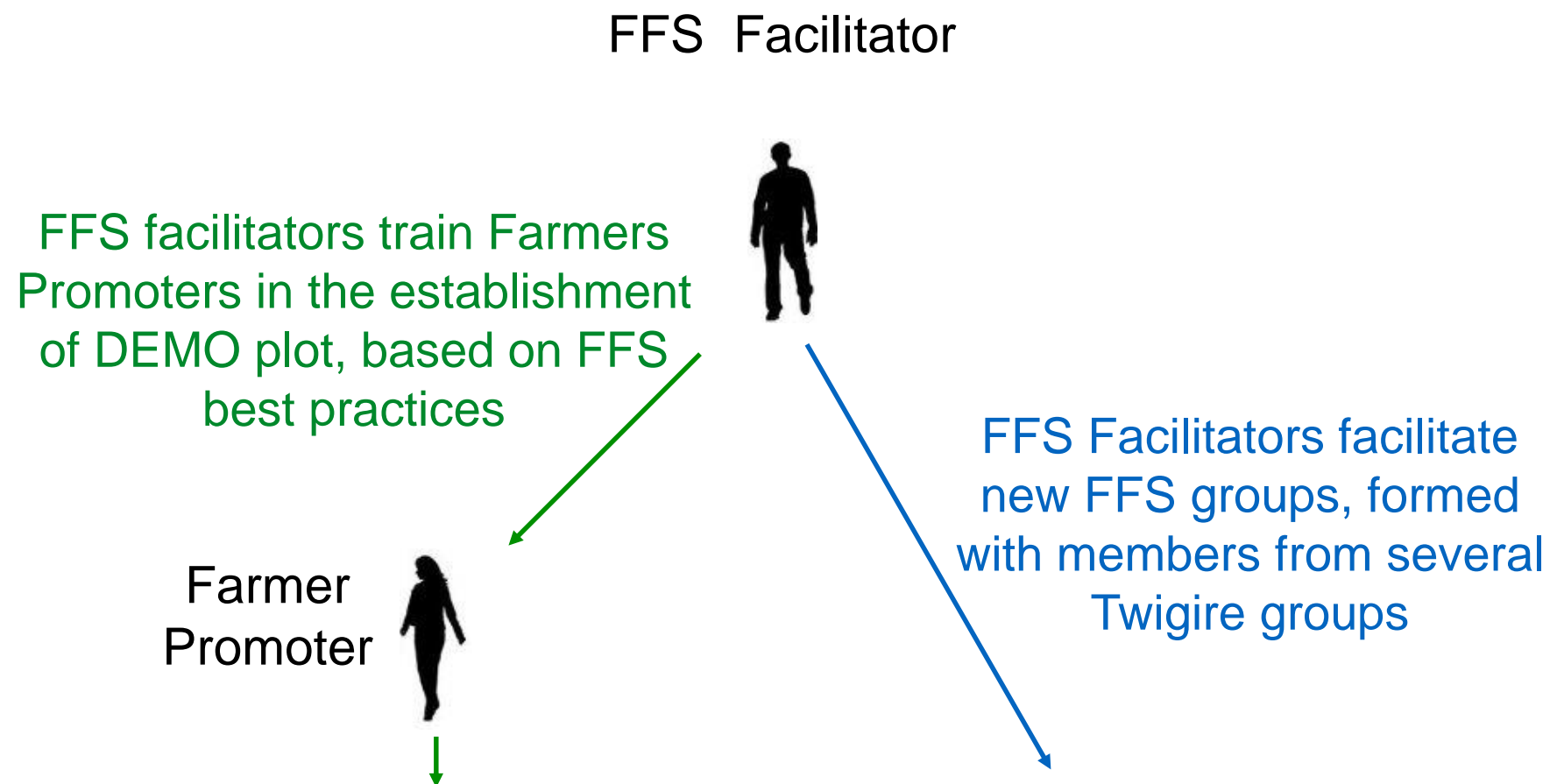
Components

4 KEY COMPONENTS

1. Farmers' Institutions development
 - Establish **farmer-based organization** to empower collective action
 - Twigire groups, FFS groups, FP cooperatives, FFS Fac Cooperatives
2. Capacity development of critical mass of frontline extension agents
 - 14,837 **Farmer promoters** & 2,500 **FFS Facilitators** (later 3,800)
3. Dissemination of appropriate technical packages
 - **Demonstrations**: Show the potential - Seeing is believing
 - **FFS experimental plot**: Understand your crop - Empower decision making skills
 - **Community Mobilization Campaigns**: Good practices into action
 - Classical & Modern **extension tools**: Printed materials, Training videos, 2 ways SMS and dedicated website for frontline extension agents
4. Stakeholder collaboration
 - **Development partners** and **private sector**
 - Foster synergies and build on specific strenghts

Twigire Muhinzi

- *Twigire Muhinzi is the new national decentralized Extension system*
- *Reaching all Rwandan farmers*
- *Implemented by MINALOC and MINAGRI*
- **DEMO plots** supervised by *Farmer Promoters*
- **FFS plots** supervised by *FFS facilitators*



DEMO PLOT - Twigire groups

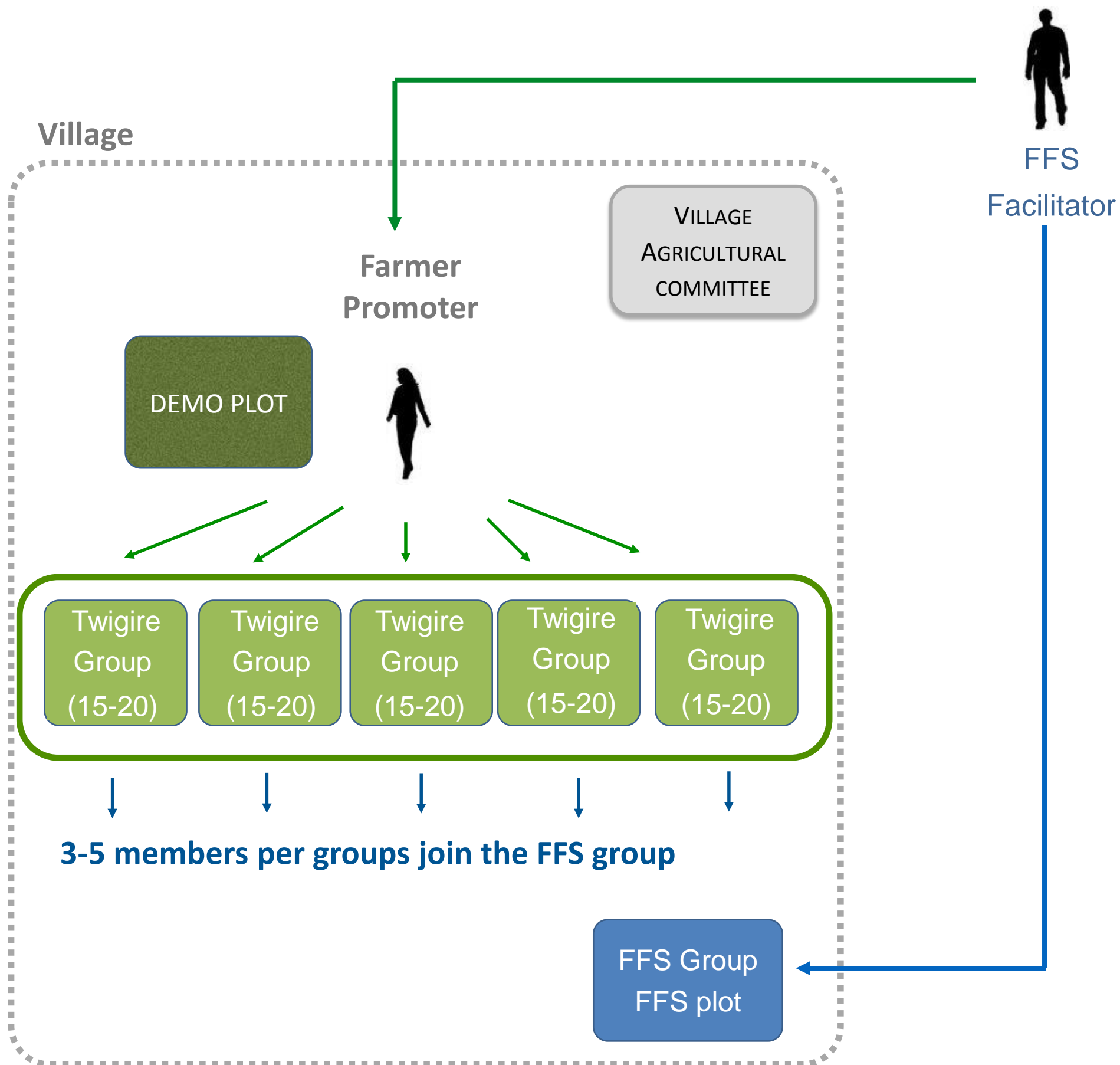


All farmers, organized in Twigire Farmers groups, learn good agronomic practices in the DEMO plot

FFS PLOT - FFS group



FFS group members get a deep understanding of crop production through observation & analysis in the FFS plot





MINALOC

Planning, Implementation & Monitoring

RAB's Technical Support

NATIONAL
AGRICULTURAL TECHNICAL COMMITTEE

ZONAL
AGRICULTURAL COMMITTEE

DISTRICT
AGRICULTURAL AND FOOD
SECURITY COMMITTEE

SECTOR
AGRICULTURAL COMMITTEE

CELL
AGRICULTURAL COMMITTEE

Village

Farmer
Promoter

VILLAGE
AGRICULTURAL
COMMITTEE

DEMO FARM

Farmer
Group
(15-20)

Farmer
Group
(15-20)

Farmer
Group
(15-20)

Farmer
Group
(15-20)

Farmer
Group
(15-20)

3-5 members per groups join the FFS group

FFS Group
FFS plot

Reporting

SEDO

FFS

Facilitator

THANK YOU

MURAKOZE

MERCI