

# **DEVELOPMENT ACTION PLANNING (DAP)**

# **PLAN**

**I. Introduce my self**

**II. Three topics in module 3 that I found most useful.**

**III. DAP Presentation**

# I. Introduction

## SANGARE Drissa

I am an agricultural engineer with a specialization in **Socio-economics**.

I am an agent of the **Ministry of Agriculture**

My country is **Burkina Faso**



My country: **Burkina Faso**

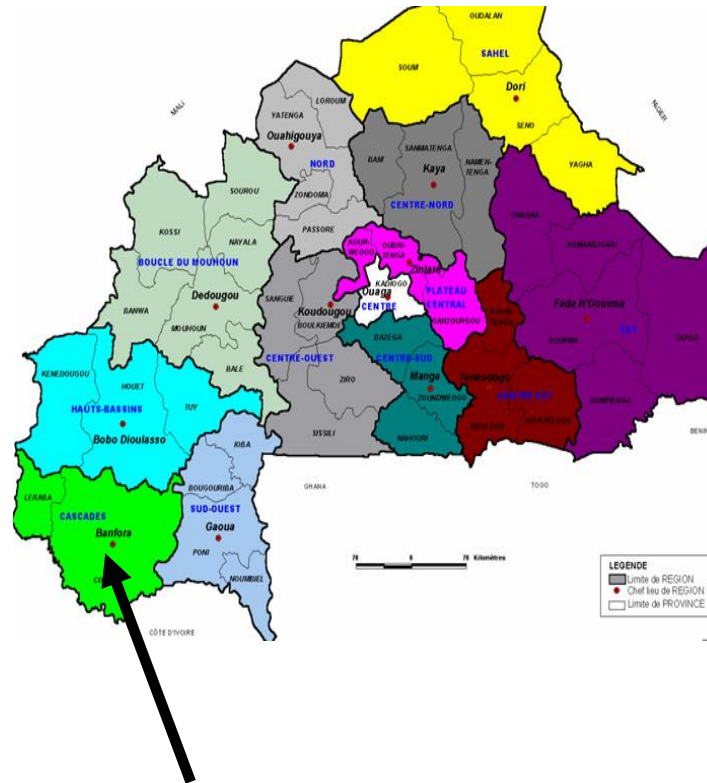
It is located in **West Africa**

It has 13 régions

Area: **274 400 km<sup>2</sup>**

The Official language is  
**French**

Population (2016):  
**19,512 5333.**



I work in this region: **Cascades**

## **II. Three topics most useful**

During the training, I identified three very useful and achievable topics in my country for its development:

**1. Agricultural mechanization**

**2. Composting**

**3. Organic production and environment protection**

# **III. DAP Presentation**

- 1. Title**
- 2. Objectives**
- 3. Activities**
- 4. Challenges**

# 1. Title

## “Sustainably increasing rice production in lowlands in Burkina Faso”

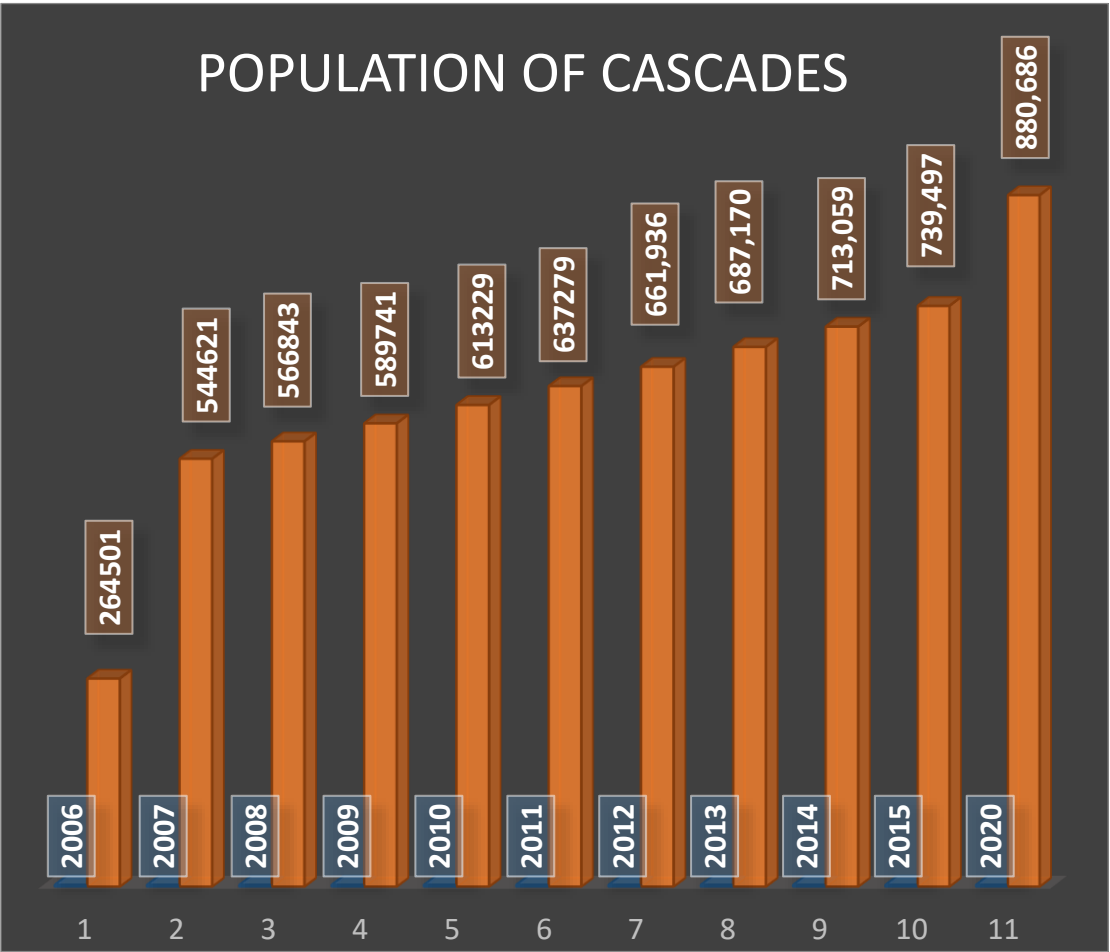
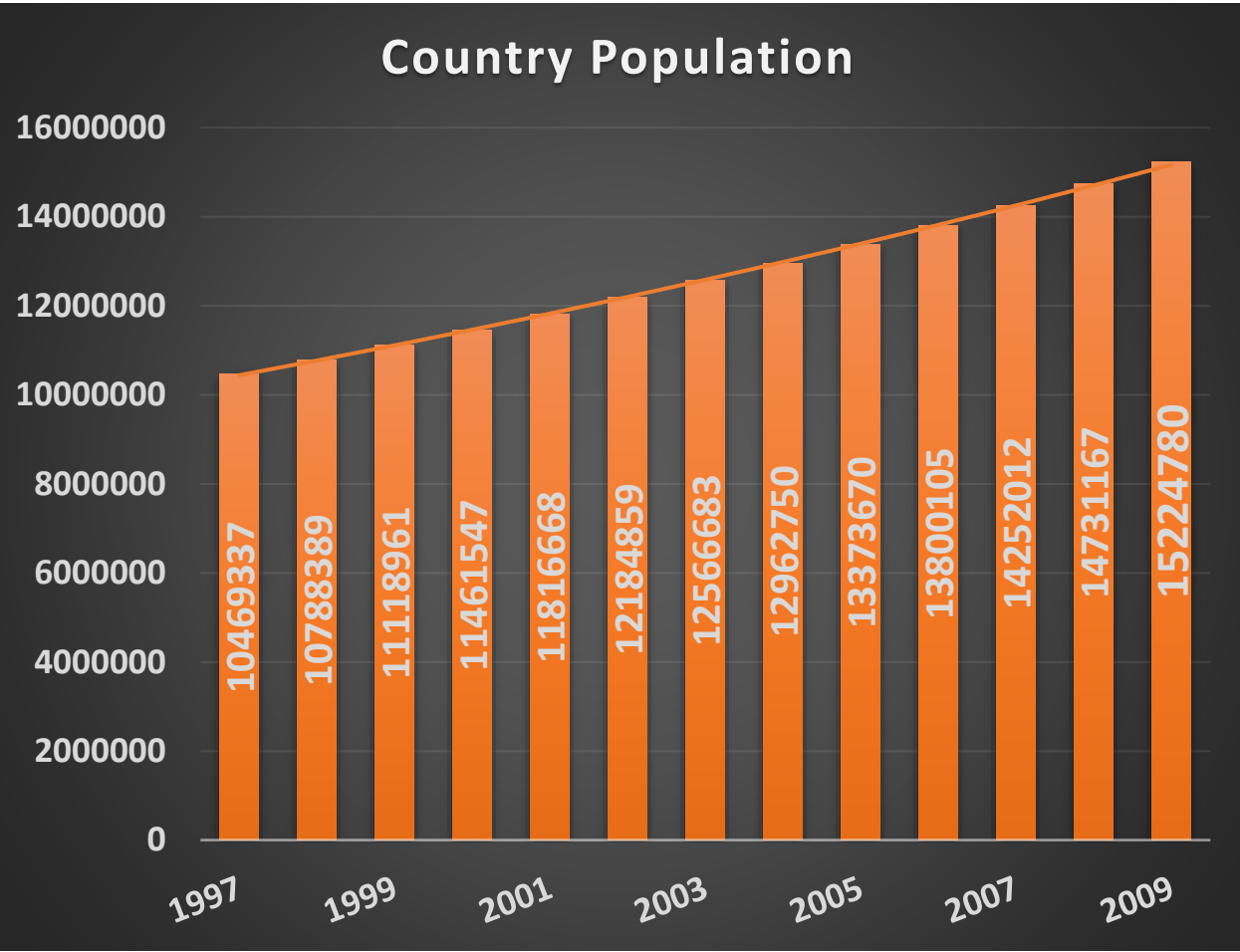
Problem: Rice production in Cascades région is low because there is a :

- 👉 Strong soil degradation (Low yields),
- 👉 Low level of mechanization and training of producers
- 👉 Irregular rainfall

***Why we need to address the problem of weak domestic rice production?***

❖ Population

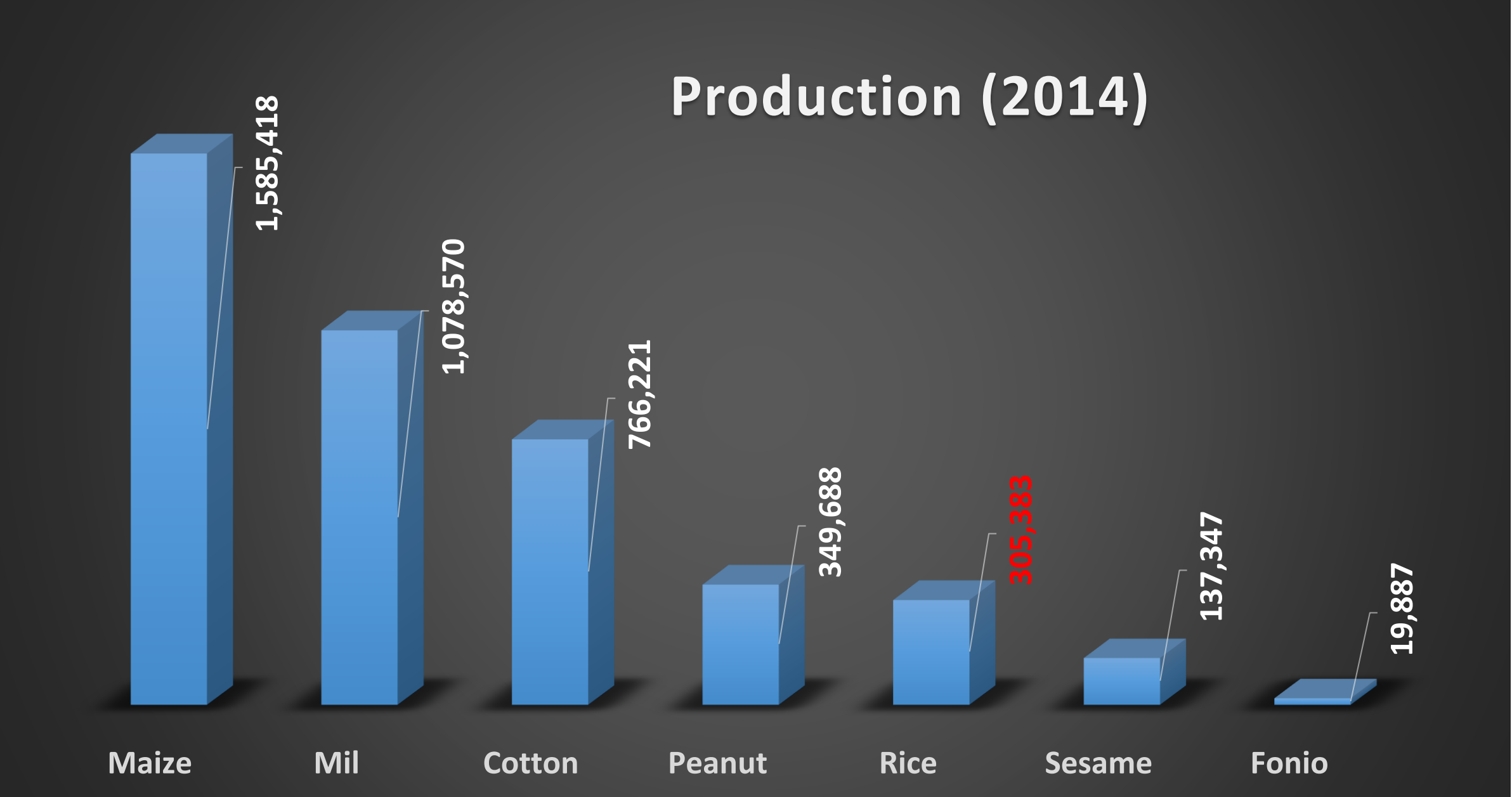
Our population grows at a rate of 3% per year



By 2020, the population of Burkina Faso will reach approximately **21,510,181** persons.

**This strong population growth will increase access to food...**

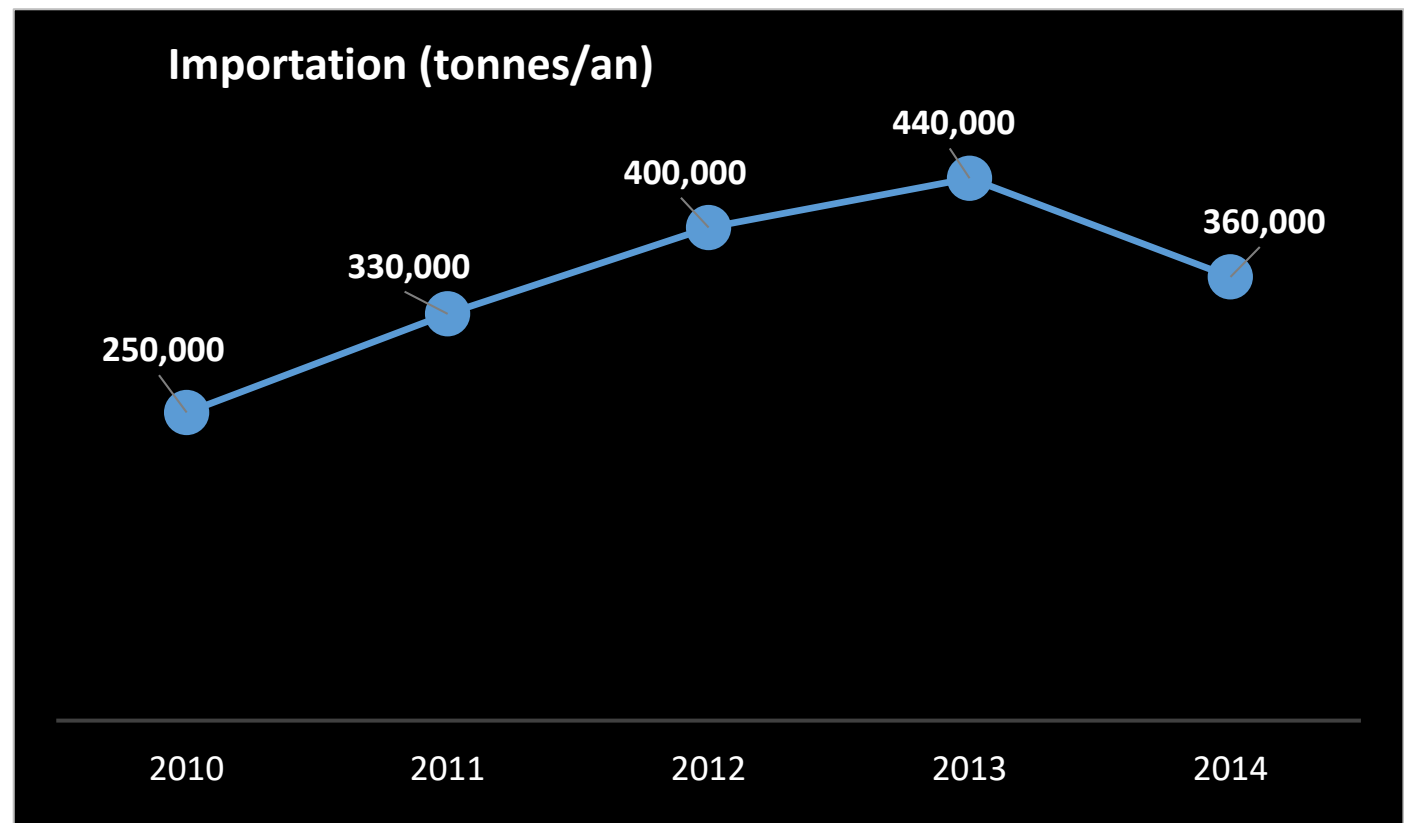




## ❖ Rice: production and importation

Less than 100 000 tonnes in 2005, rice production now stands at over 350 000 tonnes (2015). This production is far from meeting the needs estimated at 600 000 tonnes per year.

This situation forces the country to import rice massively. There is an outflow of foreign currency (nearly, 72 900 467 USD each year). This money could be used for other investments.



**One of my responsibilities is to increase rice production**

## 2. Objectives

### Main goal:

**Reduce rice imports by increasing production in lowlands**

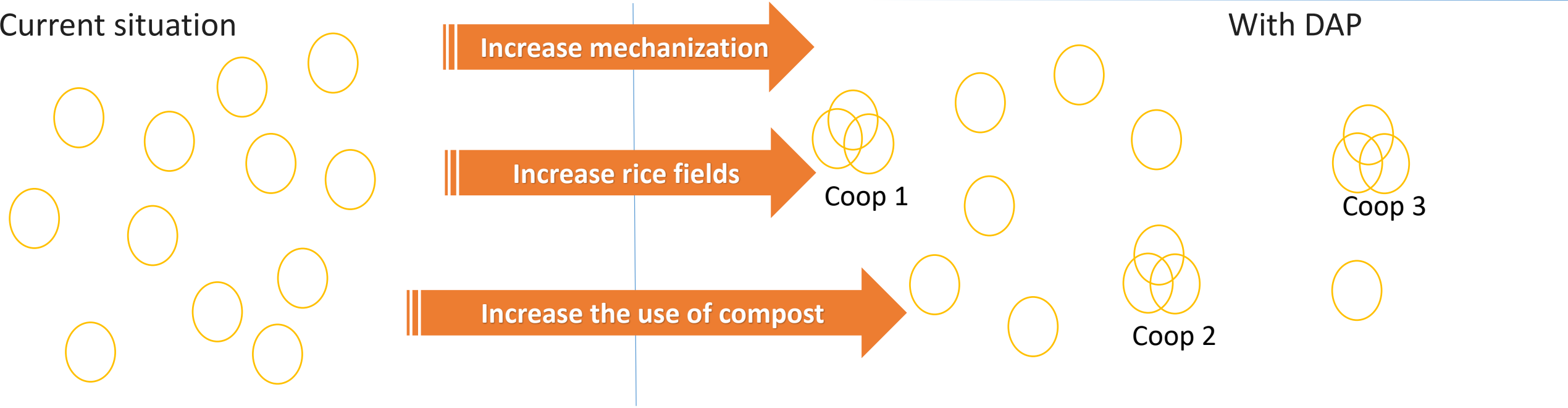
### Specifics objectives (SMART):

- ➡ **Increase by 43% rice yields in developed lowlands**
- ➡ **Increase by 15% rice areas**
- ➡ **Reduce production costs by 60%**

Specifics objectives	Indicators	Means of verification
Increase by 43% rice yields in developed lowlands	Yield before and after DAP	Reports and Surveys
Increase by 15% rice areas	Rice areas before and after DAP	Reports and Surveys
Reduce production costs by 60%	Quantity of inputs (NPK, Urea, Compost) / ha before and after DAP	Reports and Surveys

**The pilot phase** will take place in the **district of Cascades**. It will involve with **9 Farmers Groups** for a period of **3 years** (from January 2017 to 31 December 2019).

# Farmers management



Sites	Areas	Farmers
82	4236	A lot



### 3. Activities

Specifics objectives	Activities	Timing	Responsible
Increase by 43% rice yields in developed lowlands	Establishing Material Commissions in the 9 Farmers Groups	From January to March	<ul style="list-style-type: none"> <li>- Agent</li> <li>- Regional Coordinator,</li> <li>- Regional Director</li> </ul>
	Acquiring material through cooperation with Thailand	From February to May	<ul style="list-style-type: none"> <li>- Regional Director</li> <li>- BF Gov</li> <li>- Thailand Gov</li> </ul>
	Train Commissions members on how to use of materials	Mai 2017	<ul style="list-style-type: none"> <li>- Agent</li> <li>- Regional Coordinator,</li> <li>- Regional Director</li> <li>- Technical Advisor Thailand</li> </ul>
	Plow farmers' fields (they pay before or after rice production)	June 2017	<ul style="list-style-type: none"> <li>- Agent</li> <li>- Commissions</li> </ul>
	Develop production schedules for sites with farmers	Mai 2017	<ul style="list-style-type: none"> <li>- Agent</li> <li>- Regional Coordinator</li> </ul>
	Train farmers on rice technical itinerary	June 2017	<ul style="list-style-type: none"> <li>- Agent</li> <li>- Regional Coordinator</li> <li>- Technical Advisor Thailand</li> </ul>

Specifics objectives	Activities	Timing	Responsible
Increase by 15% rice areas	Develop new sites	From January to 2017 to december 2018	- Agent - Regional Coordinator, - Regional Director
Reduce production costs by 60%	Establishment of compost commissions in the 9 sites for the collective production of compost	From July to August 2017	- Agent - Regional Coordinator, - Regional Director
	Training members of compost commissions on composting (Thailande's experience)	September 2017	- Agent - Regional Coordinator Regional Director - Technical Advisor Thailand
	Acquisition of compost production equipments	From August to October 2017	- Agent - Regional Coordinator
	Compost production	From November to December 2016	- Agent - Compost commission - Regional Coordinator
	Saleing compost (farmers pay before or after rice production)	June 2018	- Agent - Regional Coordinator
	Train farmers on how to use the compost	Mai 2018	- Agent - Regional Coordinator - Technical Advisor Thailand

## Cost of DAP

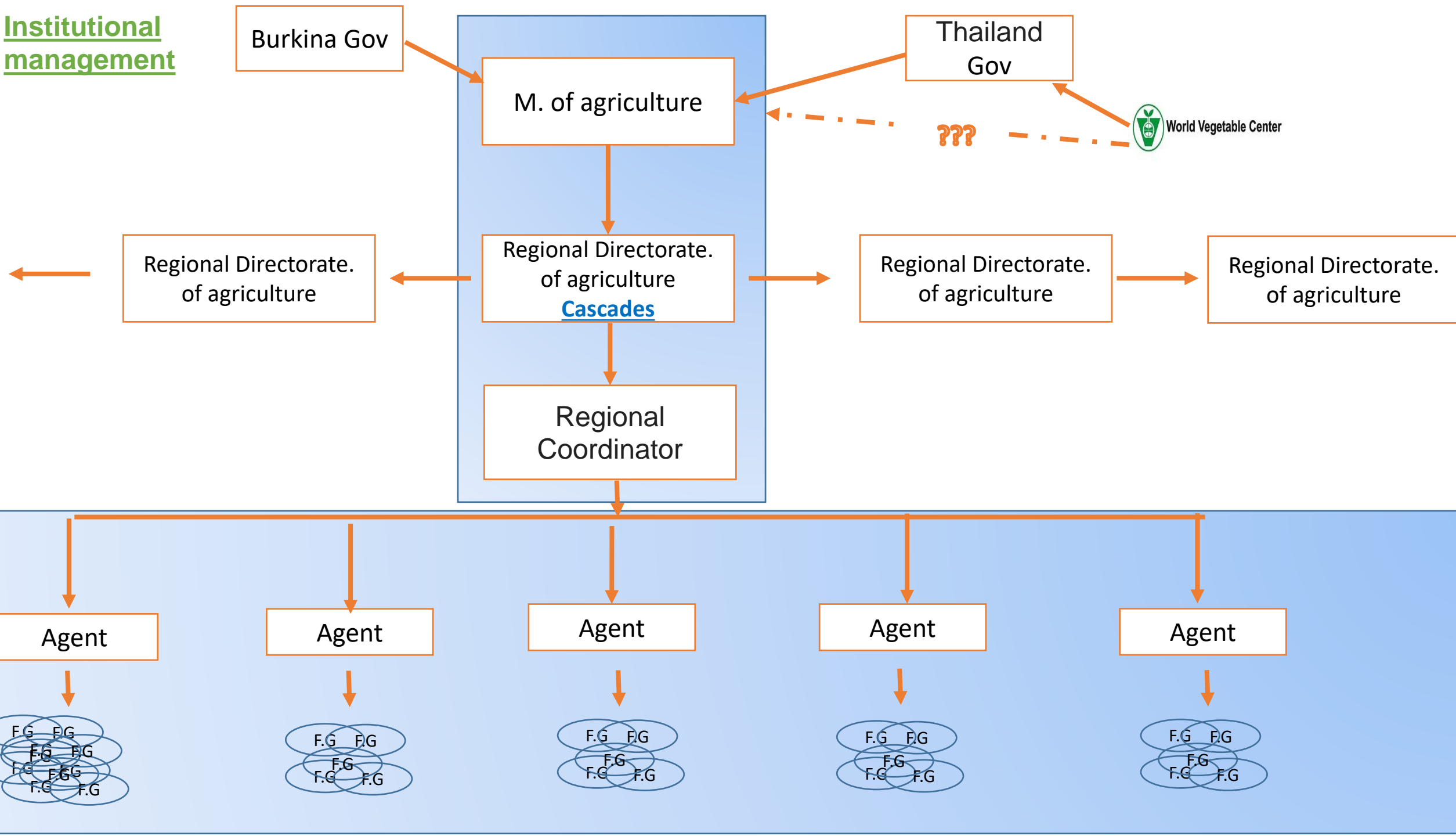
ACTIVITIES	Cost (USD)	Spending Planning					
		2017		2018		2019	
		BF/MAH	Thai/IVTC	BF/MAH	Thai/IVTC	BF/MAH	Thai/IVTC
Establishing Material Commissions in the 9 Farmers Groups	3 600	3 600					
Acquiring material through cooperation with Thailande	450 000	315000	135 000				
Train Commissions members on how to use of materials	6 000		6 000				
Develop production schedules for sites with farmers	1 440	1 440					
Train farmers on rice technical itinerary	1 440	1 440					
Establishment of compost commissions in the 9 sites for the collective production of compost	3 600	3 600					
Train members of compost commissions on composting (exp Thai)	6 000		6 000				
Acquisition of compost production equipments	7 200	7 200					
Train producers on how to use the compost	6 000				6 000		
<b>TOTAL</b>	485 280	332 280	147 000		6 000		

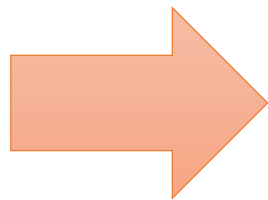






Institutional management











## 4. Challenges

How to interest Thailand?



**Win-win partnership**

We must convince Thailand to accept to lose. Because we import rice massively from Thailand (40%).

### Thaïlande:

- ☐ Promotion and marketing of products from Thailand
- ☐ Global Leadership

### Burkina Faso:

- ☐ Security and Food Sovereignty
- ☐ Job creation,
- ☐ Investments from savings on imports

*Thank you !*