

# Practical Case of Rice Cooperation Project in Mozambique

June 2021

# CONTENTS

I

Status of Hubei Province's main projects in Mozambique

II

Ideas for the construction of rice value chain

III

Suggestions

# I

Status of Hubei Province's main projects in Mozambique

## **Building three demonstration bases around the Agricultural Technology Center**

- 1. China-Aiding-Mozambique Agricultural Technique Demonstration Center
- 2. Friendship farm base
- 3. Sofala base
- 4. Wanbao base

# I

## Status of Hubei Province's main projects in Mozambique

### •1-1. China-Aiding-Mozambique Agricultural Technique Demonstration Center

Supporting experimental equipment

**37 sets**

Agricultural machinery

**130 sets**

Vegetable greenhouse

**28 pcs**

Floor area

**52 hectares**



# I

## Status of Hubei Province's main projects in Mozambique

### 1-2. China-Aiding-Mozambique Agricultural Technique Demonstration Center

#### Development history

- 
- 2007** "China-Aiding-Mozambique Agricultural Technique Demonstration Center" The two governments determined the construction plan
  - 2009** Officially started the construction of "China-Aiding-Mozambique Agricultural Technique Demonstration Center"
  - 2010** Completed and was accepted by the Ministry of Commerce of the people's Republic of China in November
  - 2011** Officially handed over to the Mozambique government in July
  - 2012** Officially entered a three-year period of technical cooperation from April 2012 to April 2015
  - 2013** Ranking in the forefront of "China-Aiding-Mozambique Agricultural Technique Demonstration Center" (monitoring and evaluation of 15 national aid to Africa demonstration centers)
  - 2015** Ended the three-year cooperation period in April
  - 2016** Signed a seven-year cooperation agreement with the Mozambique Academy of Agricultural Science in February, and brought the demonstration center into the Mozambique Academy of Agricultural Science for unified management and operation
  - 2019** Officially launched the Melinda Gates project in November
  - 2020** Implemented the project of "Breeding and demonstration of mechanized sesame varieties suitable for high yield and drought resistance" in October.

# I

## Status of Hubei Province's main projects in Mozambique

### •1-3. China-Mozambique Agricultural Technology Demonstration Center

### Four functions

#### Test

- 381 rices
- 126 corns
- More than 130 vegetables, etc
- 5 tests of international organizations and enterprises



#### Training

- Person-time: 3,500 person-times
- Time: More than 100
- Personnel: Officials, technicians, farmers and peasants



#### Demonstration

- Base: Maputo, Gaza, Bella
- Area: More than 700 hectares
- Type: Rice, corn, vegetables, etc



#### Spread

- Drive local farmers: 2,000 households
- Drive more than 10 local peasants' cooperatives
- It is well received by Mozambique government departments



# I

Status of Hubei Province's main projects in Mozambique

## •1-4. Rice Technology Radiation of Demonstration Center **Three bases**

### Planting scale

Friendship farm base  
**500 hectares**

Sofala base  
**1,000 hectares**

Wanbao base  
**2,400 hectares**

### Drive farmers

Accumulate demonstration households driven  
**Morn than 2,000 households**



# I

## Status of Hubei Province's main projects in Mozambique

### •2. Friendship Farm Base



- In 2007, the Hubei Provincial Agriculture and Reclamation Bureau signed a cooperation agreement with Agriculture Bureau of Gaza Province in Mozambique, and started the farm test.
- In 2008, Luo Qingquan, Secretary of the Hubei provincial Party committee, led a delegation to visit the Gaza Province in Mozambique and signed an agreement on friendly relations between the two provinces, which established an agricultural exchange and cooperation platform for the two sides to jointly build the Hubei-Gaza friendship farm. The area is 300 hectares.
- Hubei Wanbao Grain & Oil Group and Zhouji farms were introduced in 2011.
- **In the next step, Friendship farm will be used as a breeding base of fine breed to increase the popularity of fine breed in Mozambique.**



# I Status of Hubei Province's main projects in Mozambique

## •3. Sofala Base

- ◆ 1. The project was brought into Mozambique by Hubei Hefeng Grain & Oil Group driven by Hubei Provincial Agriculture and Reclamation Bureau and Hubei Lianfeng Overseas Agricultural Group.
- ◆ 2. Relying on the demonstration test results of the whole rice industry chain of China-Aiding-Mozambique Agricultural Technique Demonstration Center, the project carried out grain production cooperation in the local area and achieved success. The project has become a successful case in the aspect of foreign aid projects driving Chinese enterprises to carry out cooperation with Africa. At the same time, the project also promoted local agricultural production, spread agricultural technology, and helped local farmers increase production and income.
- ◆ 3. In the local area, the project provided a demonstration case to solve the problem of hunger, which was welcomed by the local government and the masses.



# I

## Status of Hubei Province's main projects in Mozambique

### •4. Wanbao base

- ◆ In 2011, in response to the call and relying on the technical advantages of China-Mozambique agricultural technology demonstration center and the talent management advantages of Hubei agricultural reclamation, Wanbao Grain & Oil Group in Xiangyang, Hubei Province entered Mozambique to carry out agricultural cooperation.
- ◆ The project is a whole rice industry chain development project with a design scale of 20,000 hectares.
- ◆ The project is jointly funded by China-Africa Development Fund, China-Portugal Development Fund and Hubei Xiangyang Wanbao company. The total investment is 118.51 million US dollars.

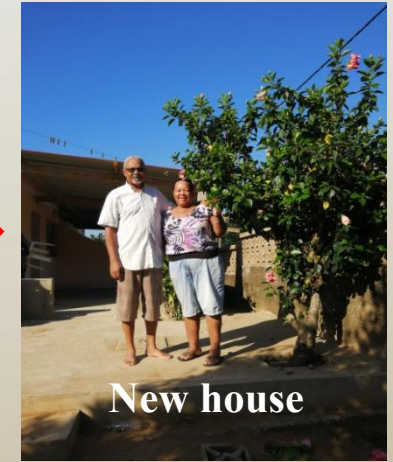


Project planning

# I Status of Hubei Province's main projects in Mozambique

## •Typical case 1- Friendship farm base

- ◆ Mr. Antonio
- ◆ Residential address: Xai-Xai, Mozambique
- ◆ Before rice planting under the agreement: Rice production per mu is only about 100 kg, and he has only a dilapidated house, which makes life difficult.
- ◆ After rice planting under the agreement: In 2011, he joined the rice cooperative planting project between Friendship farm and farmers, and agreed to plant 30 hectares. The farm provided him with the agricultural materials, agricultural machinery services and planting technical guidance he needed, and recycled the products at the agreed price.
- ◆ Now, in Antonio 's rice field, the average yield per mu has reached 400 kg, and the income has increased significantly; He built a new brick house of more than 100 square meters and bought a pickup truck.



# I

## Status of Hubei Province's main projects in Mozambique

### •Typical case 2- Friendship farm base

- ◆ Ms. Saria
- ◆ Residential address: Xai-Xai, Mozambique
- ◆ Before rice planting under the agreement: She has 40 hectares of paddy fields, and the rice yield per mu is only about 100 kg, so she has lost confidence in planting rice.
- ◆ After rice planting under the agreement: In 2014, she joined the rice cooperative planting project between friendship farm and farmers. The farm provided her with the necessary agricultural materials, agricultural machinery services and planting technical guidance, and recycled the products at the agreed price.
- ◆ Now, the yield per mu has reached 450 kg. She also bought car and appliances, and built a new brick house in the yard.



New house



New appliances



Newly purchased car

# I

## Status of Hubei Province's main projects in Mozambique

### •Typical case 3 - Sofala base

- ◆ Caput: 68 years old now
- ◆ There are 10 people in the family
- ◆ Working as a tractor driver at Buji farm
- ◆ Before he went to work on the farm, he had no work or income. He only made a living by digging and farming on the construction site, which only guaranteed the most basic survival.
- ◆ Now, with a monthly income of 7,000 metical and an annual income of 84,000 metical, he can solve the family's problems of food and clothing, education and housing, and significantly improve their living conditions.



Old house



New house



Caput  
Driver's license



Caput  
Explanation and training

# I

Status of Hubei Province's main projects in Mozambique

## Project implementation mode

**Friendship farm  
base**

**Company + local  
farmers**

**Sofala base**

**Company + Chinese  
farmers + local farmers**

**Wanbao base**

**Company + Chinese farms  
+ local farmers**

# II

## Ideas for the construction of rice value chain

### Three measures

#### ❑ Fine breed (increase the popularity of fine breed)

Breed rice varieties suitable for growing in local environment (drought and salt tolerance)

#### ❑ Good method (promoting simple planting mode)

Popularize direct seeding and Cultivation Techniques of upland rice and no tillage cultivation techniques

#### ❑ Strong chain (improving the key link of the value chain)

Cultivate more and stronger market subjects in processing, warehousing, logistics and marketing

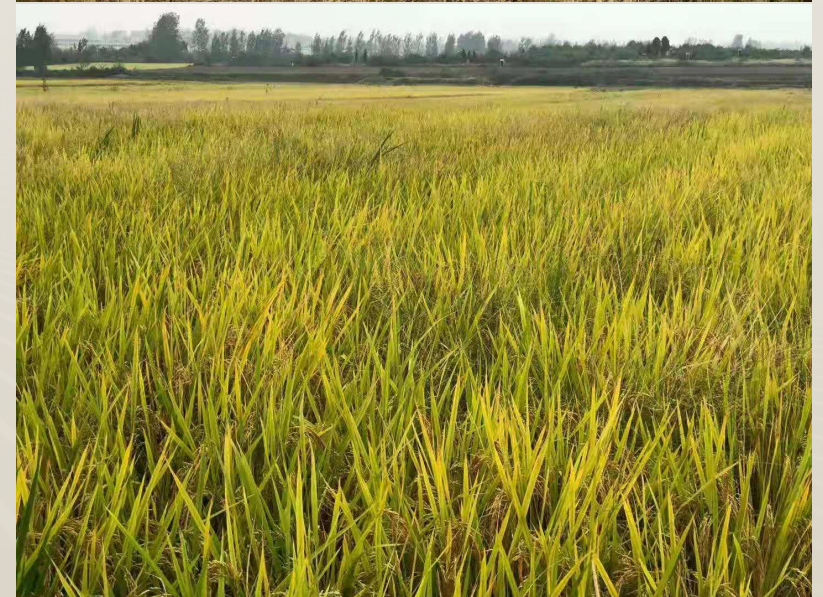
### Construction goals

#### ❑ Reduce investment in infrastructure

#### ❑ Reduce the cost of planting

#### ❑ Simplified planting techniques

#### ❑ Learn well, plant well and sell well



# III

## Suggestions



### **(I) Integrate the strength of all parties and expand the channels of food subsidies**

➤ Learn from the rice subsidy policies of other countries, let the local farmers (market subject) actively participate in the construction of rice industry chain.

### **(II) Establish Inclusive Finance and constructing rice industry chain**

➤ Turn the participants in the rice industry chain into the beneficiaries of Inclusive Finance.



**Agricultural cooperation has built a bridge of friendship between China and Mozambique.**

**We will continue to promote agricultural exchanges and cooperation between Hubei and Mozambique, and build a rice value chain for the benefit of the two peoples.**

**T h a n k s**