



**中地海外农业**  
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# **Rice Storage Processing and Nutrition in Africa**

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**CGCOC Agriculture Development Co., Ltd  
China-Africa Green Agriculture Development  
Research Center**

# CGCOC Agriculture Development Company



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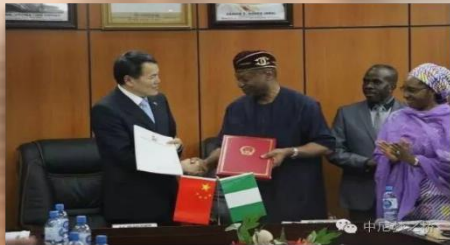
founded Green Agriculture West Africa Limited (GAWAL) in Nigeria.



Obtained seed trading licenses from Nigeria Government



establish CGCOC Agriculture Hi-tech Abuja Industrial Park



China Aid Program Nigeria Agriculture Demonstration Center



Implement China Government Aid Project of Millet Plant Technology Demonstration in Burkina Faso

2004

2008

2010

2014

2016

2019

2022

2006

CGCOC invested and built WARA farm in WARA, KEBBI State Nigeria on the invitation from the government

2012

Became suppliers of regular seed(corn & rice seeds) and basic rice seed for Nigeria Government

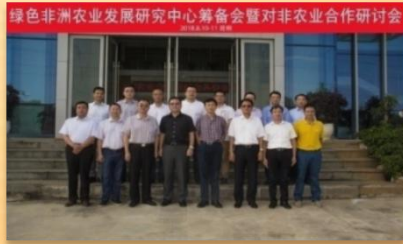
2015

CGCOC Agriculture Hi-tech Abuja Industrial Park was visited by Chinese and Nigeria Ministers of Agriculture

2018

Initiate and Co-found China-Africa Green Agriculture Development Center

China Nigeria Agricultural Technology Demonstration Center Military Industry







# CHINA-AFRICA GREEN AGRICULTURE DEVELOPMENT CENTER

## 中非绿色农业发展研究中心

China-Africa Cooperation  
Forum, Beijing Action Plan  
(2019-2021)

3.1.8 Clause "Establish  
China-Africa Green  
Agriculture Development  
Center,"

中非合作论坛—北京行动  
计划  
(2019-2021年)

3.1.8 “建立中非绿色农业  
发展研究中心，积极推  
进中非农业企业、社会组  
织间的合作，广泛开展投  
资促进、技术交流、联合  
研究和技术推广等活动。”

Partnership for Africa's Agriculture Development,  
A Bridge for China-Africa Agriculture Cooperation  
非洲农业发展的伙伴 中非农业合作的桥梁

African  
Organizations,  
Institutions,  
Universities,  
Enterprises and  
International  
Organizations etc.

非洲组织  
非洲机构  
非洲院校  
非洲企业  
国际组织



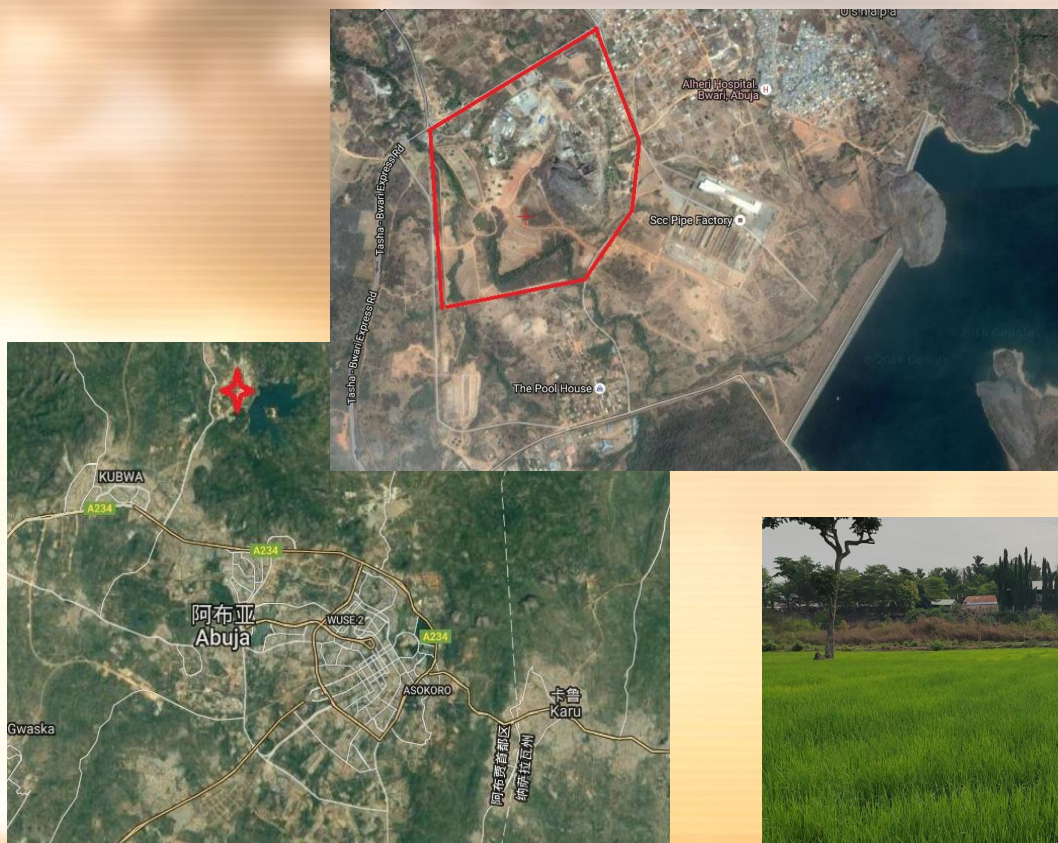


# CGCOC High-tech Agriculture Industrial Park in Abuja

## China-Nigeria Agricultural Technology Demonstration Center



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# CGCOC High-tech Agriculture Industrial Park in Abuja China-Nigeria Agricultural Technology Demonstration Center



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## What we have done in rice value chain:

- I. we have established 7 seeds production cooperatives with over 5000 families and have a seed production capacity of 10,000 mt per year.
- II. We use "company + smallhold farmers" mode, to carry out technical training for high yield cultivation, to improve the level of farmers.
- III. We have trained more than 5000 officers, Agricultural technicians and farmers through the High tech Agriculture Industrial Park.
- IV. We have developed rice processing demonstration in the park



# Problems in the Rice Value Chain in Africa

## -Processing



### Small processing plant

- Backward equipment
- Insufficient processing capacity
- High waste rate



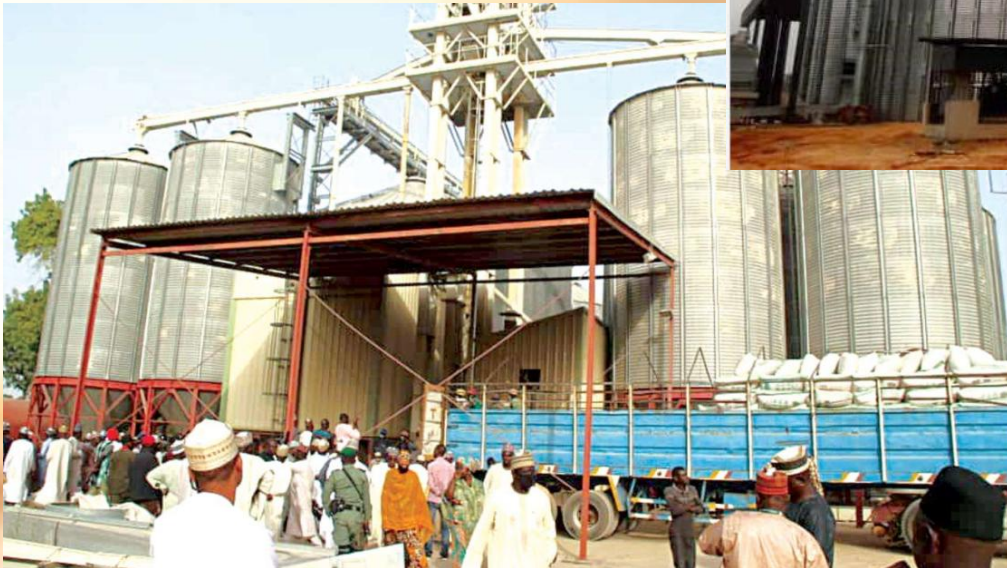
### Large processing plant

- Disjointed from the industrial chain
- Insufficient capacity
- Weak power supply system



# Problems in the Rice Value Chain in Africa

## -Storage

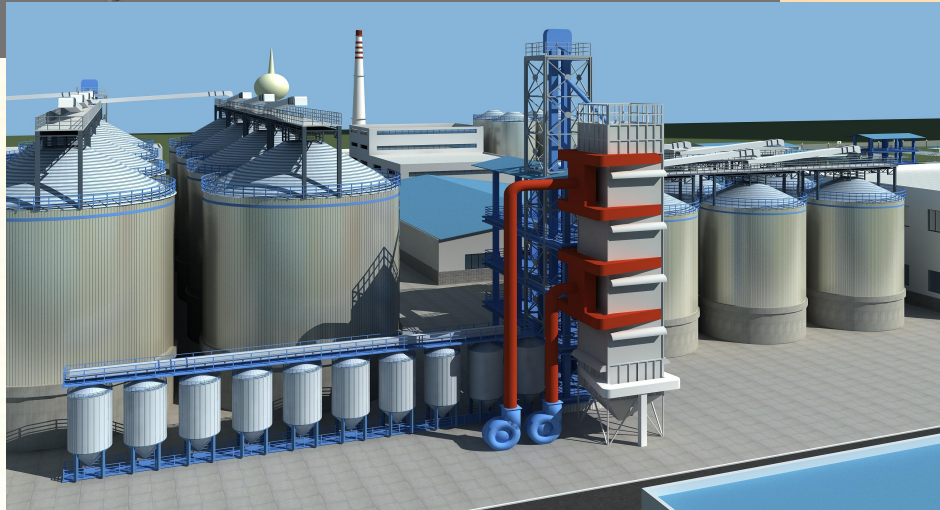
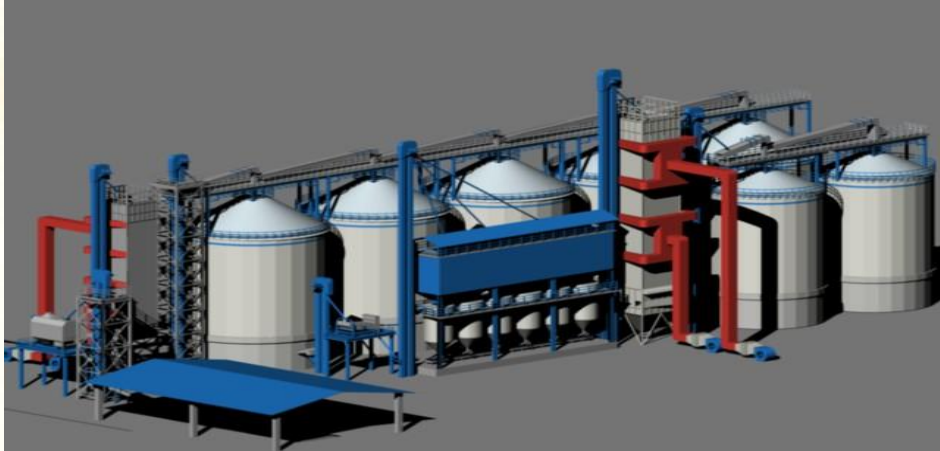


- built by Government
- Aid of Developed country

- Disjointed from the industrial chain
- Lack of operating funds
- Lack of operational technicians

# Suggestions

## -Processing



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- ◆ Promote the rice value chain
- ◆ Build small rice processing plants in the main rice producing areas
- ◆ Strengthen Research on Steamed Rice Processing Equipment
- ◆ Strengthen training for grain processing technicians
- ◆ Strengthen power supply guarantee

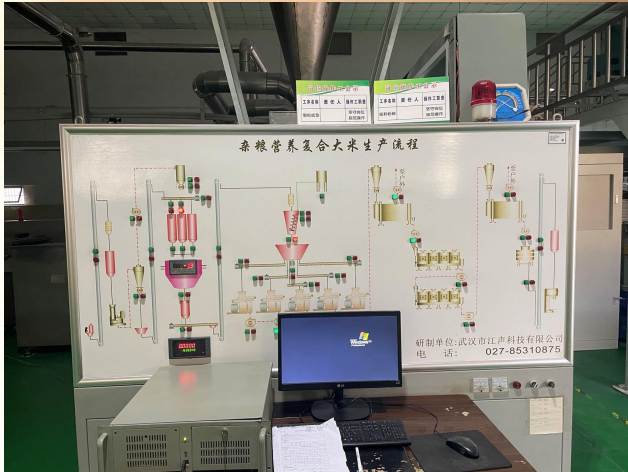


# Suggestions

## -Nutrition



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## Promote Nutritional Compound Rice

### Characteristics:

1. Diversification of materials

2. Adjust ingredients according to nutritional needs

3. Taste suitable for African

4. Low production costs

# **Suggestions**

## **-Storage**

- I Strengthen the construction of storage and trade systems.**
- II Built in the main rice producing areas.**
- III Storage facilities adapted to local environment and climate.**
- IV Strengthen the capacity building of storage.**





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Thank you !