



Rice Storage Processing and Nutrition in Africa

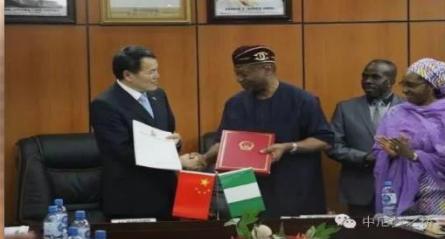
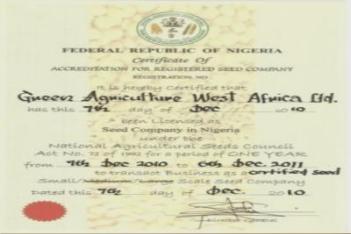
-----Wang Miao

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

2006

2014

2016

2019

2022

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

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

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

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

China Nigeria Agricultural Technology Demonstration Center Military Industry





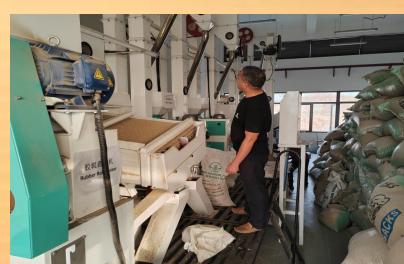
China-Africa Cooperation
Forum, Beijing Action Plan
(2019-2021)

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。”

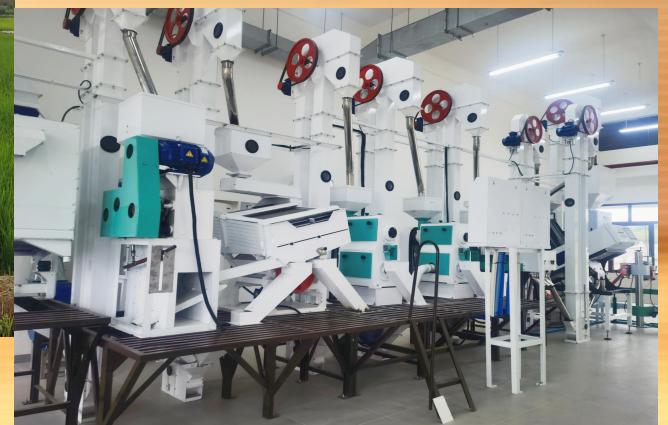
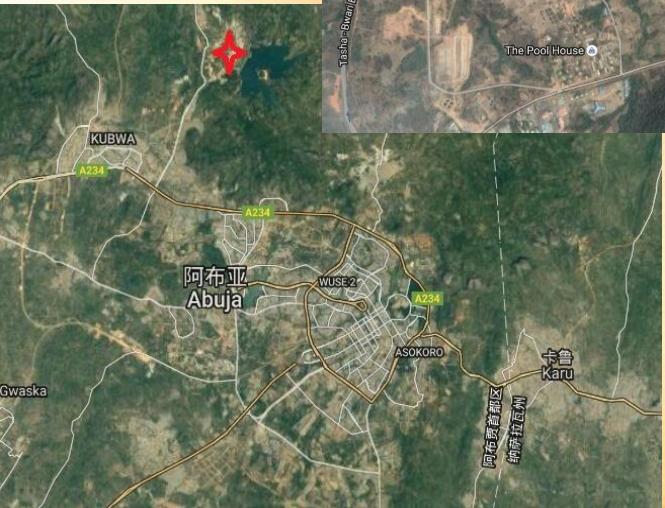
CHINA-AFRICA GREEN AGRICULTURE DEVELOPMENT CENTER 中非绿色农业发展研究中心



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



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

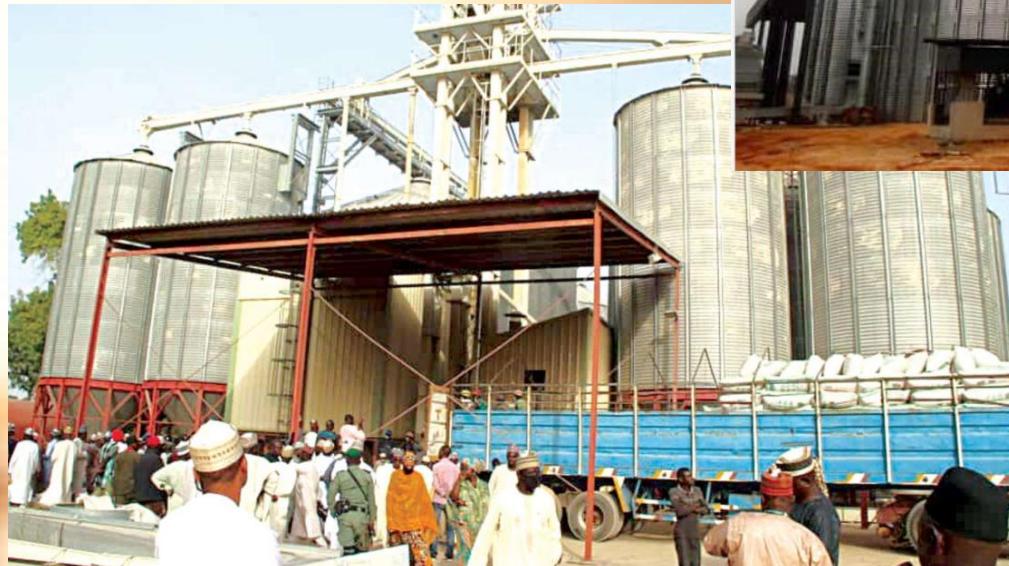
- Backward equipment
- Insufficient processing capacity
- High waste rate

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



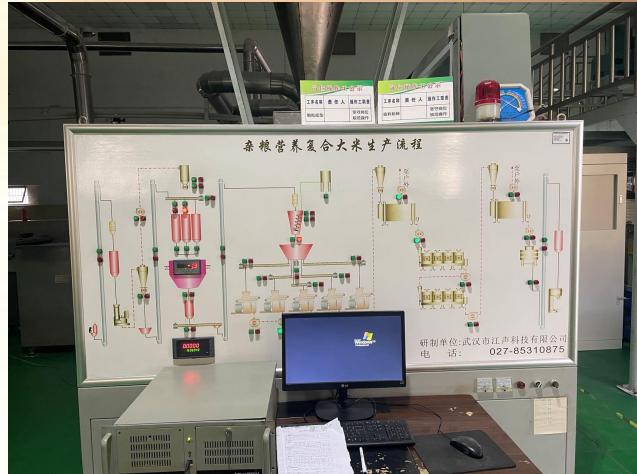
- ◆ Promote the rice value chain
- ◆ Build small rice processing plants in the main rice producing areas
- ◆ Strengthen Research on Steamed Rice Processing Equipment
- ◆ Strengthen training for grain processing technicians
- ◆ Strengthen power supply guarantee



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Suggestions

-Nutrition



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



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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 !