



WFP China COE captures the wealth of best practices and lessons learned from the Global South to benefit maximally developing countries. WFP China COE provides an inventory by taking stock of China's good experience to match local development needs in other developing countries.



# Post-Harvest Loss Management and Food Systems

## South-South Cooperation Technical Solutions

**Post-harvest Loss Management and Food Systems** encourages policy dialogue, knowledge and experiences exchange on national food security in support of regional, national or community food systems transformation.



### Solution 1 National Grain Reserves and Food Security: Policy and Management

**Topic 1:** National grain reserves  
management system - [Policy Level](#)

**Topic 2:** Grain warehouse and quality  
control - [Policy Level](#)



### Solution 2 Post-harvest Loss Management Technology

**Topic 1:** Food loss reduction from  
processing, storage and transportation  
- [Institutional Level](#)

**Topic 2:** Smallholder grain storage  
technology (Grain bank) - [Grassroot Level](#)

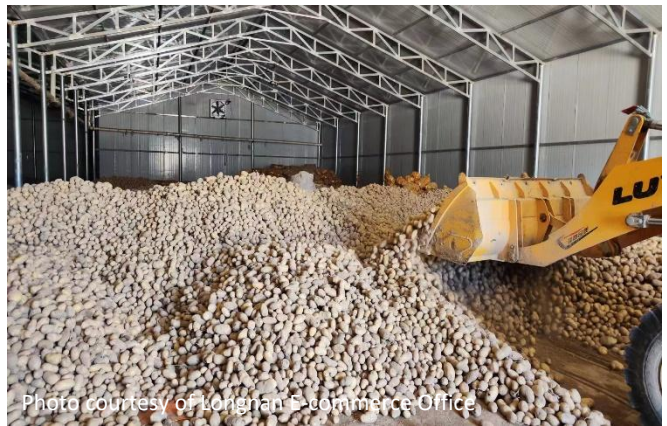
**Topic 3:** Green and ecological grain  
storage technology (Solar-powered  
granary) - [Institutional Level](#)

## Solution 3 Informatisation of Grain Industry

**Topic 1:** Smart granary and ware-house management - [Institutional Level](#)

**Topic 2:** Digital application for smallholders' market access - [Institutional Level](#)

**Topic 3:** E-trading platform for grain - [Institutional Level](#)



### Key Partners

#### Strategic Partner:

- National Food and Strategic Reserves Administration

#### Technical Partners:

- China-Africa Development Fund
- China Cereals and Oils Association
- Chinese Academy of Tropical Agricultural Sciences
- Department of Storage and Sciences
- Henan University of Technology
- Jiangsu University
- Nanjing Agricultural University
- Nanjing University of Finance and Economics
- National Food and Strategic Reserves Administration Academy
- Northwest Agriculture and Forestry University
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### WFP China COE Four Thematic Areas

1. Value Chain Development for Smallholders

2. Post-harvest Loss Management and Food Systems

3. Disaster Risk Reduction and Climate Change Resilience

4. Innovative Poverty Alleviation Initiative

### Contact Us

For further inquiries or communications, please contact:

**Dr. Yan JIA, Head of South-South Cooperation, WFP China**

Email: [yan.jia@wfp.org](mailto:yan.jia@wfp.org)

<http://www.wfpchinacoe.net/>