



Food and Agriculture Organization  
of the United Nations

## ENHANCING FOOD AND NUTRITION SECURITY IN FLOOD-AFFECTED AREAS IN DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

A devastating flood hit the Democratic People's Republic of Korea at the end of August 2016, inundating an extensive area of North Hamgyong Province, and causing extensive damage to farm production, homes, roads, public buildings and other critical infrastructure. The project aimed to address emergency needs to support the food and nutritional security of rural households in the most severely affected areas.



### WHAT DID THE PROJECT DO?

The project addressed emergency needs by providing critical inputs to restore staple food production in the wake of flood damage in 16 cooperative farms in the most severely affected counties of North Hamgyong Province, namely Yonsa, Musan, Hoeryong and Kyongwon. The project also strengthened farm-level technical and managerial capacity for the introduction of climate-smart agricultural (CSA) practices, to help farmers build their capacity to reduce vulnerability to floods and related disasters in the future. Beneficiary cooperative farmers now have at their disposal cost-effective technologies and adequate knowledge to implement CSA practices.

### IMPACT

The project contributed significantly to restoring agricultural production and livelihoods, and to increasing the food and nutritional security of 13 628 cooperative farmers and their families in the most severely flood-affected counties of North Hamgyong Province.

### KEY FACTS

**Contribution**

USD 500 000

**Duration**

October 2016 – March 2018

**Resource Partner**

FAO

**Partners**

Ministry of Agriculture

**Beneficiaries**

10 282 farmers and 3 346 family members from 5 603 households in 16 cooperative farms in the most severely flood-affected counties (Yonsa, Musan, Hoeryong and Kyongwon) of North Hamgyong province

## ACTIVITIES

- Inputs were provided for rehabilitating food production, including 16 ready-to-install greenhouses, tractors, roof and building materials for the construction of livestock houses and threshing yards.
- The total area under vegetables in all 16 cooperative farms was 4 819.3 ha, which produced 4 080.2 tonnes of vegetables with an average yield of 0.85 tonne/ha.
- A total of 25 600 m<sup>2</sup> of protected area was created in 16 farms through the project.
- Farm-level technical and managerial capacity training courses on conservation agriculture and climate-smart agricultural technologies were provided to key technical staff and farmers from the 16 cooperative farms, comprising 255 participants.
- Repeated training sessions on conservation agriculture and climate adaptive agroforestry were organized for 11 participants from the Ministry of Agriculture and the Academy of Agricultural Science.
- A Climate-Smart Agriculture Manual was developed for training purposes, which was translated into Korean.



SUSTAINABLE DEVELOPMENT GOALS



**Project Code**  
TCP/DRK/3605

**Project Title**  
Emergency assistance to support food and nutrition security in flood-affected areas

**Contacts**  
FAO Office in the Democratic People's Republic of Korea  
[FAO-KP@fao.org](mailto:FAO-KP@fao.org)

Yongfan Piao (Lead Technical Officer)  
[Yongfan.Piao@fao.org](mailto:Yongfan.Piao@fao.org)



Resource Mobilization Division  
Marketing, Outreach and Reporting Unit  
[Reporting@fao.org](mailto:Reporting@fao.org)