



# STRENGTHENING PEN AND CAGE FISH FARMING IN INTEGRATED FRESHWATER AQUACULTURE SYSTEM

The Democratic People's Republic of Korea has rich inland open water resources for production of freshwater fish, which is a greatly needed animal protein source for the population. However, there were no adequately developed technologies for effective fish production in lakes and rivers and the country lacked the capacity to produce needed quality inputs. The project brought together various stakeholders to create the necessary preconditions for a sustainable and responsible inland cage fish culture. With the support of the Government, the project was able to expand on key structures and develop workers' and technicians' abilities to strengthen the Government's efforts of providing food security to its people.



## WHAT DID THE PROJECT DO?

The project established responsible and sustainable inland cage fish culture by offering human capacity development activities, facility enhancements, successful demonstrations and development of related strategies. Beneficiaries were trained and received technical guidelines to continue improving implemented sustainable freshwater aquaculture efforts. The Government expressed its willingness to support future efforts and continue on the path outlined together with the project participants to increase sustainable food production and productivity and implement a long-term responsible approach to cage fish culture.

## IMPACT

Livelihoods have significantly been improved in inland areas thanks to the successful development of cage culture and other sustainable freshwater aquaculture production systems. The project has also contributed to a sustainable and efficient utilization of inland water resources, which will continue to benefit stakeholders also past the project ending. The Government has indicated its interest in allocating additional resources to support activities initiated under the project and in supporting the efforts of workers and technicians as outlined by the developed guidelines. In practice, this can be viewed as concrete improvements in the country's food security.

## KEY FACTS

### Contribution

USD 251 212

### Duration

January 2016 – December 2017

### Resource Partner

FAO

### Partners

Ministry of Fisheries, Government of Democratic People's Republic of Korea

### Beneficiaries

Technicians, skilled workers and management staff from fish farms

## ACTIVITIES

- Training of key technical personnel, including farm-level skilled workers, on inland cage fish culture operation and management, quality fish seed production and design and manufacturing of innovative cages for quality fish production.
- Development of technical guidelines and manuals on responsible inland cage fish culture and improvement of fish seed production facilities.
- Selection of demonstration sites and demonstration of cage culture of selected fish species.
- Development of a national strategy supporting sustainable inland cage fish culture, leading to awareness-raising on potential contribution of inland cage culture.
- Holding of project inception and project terminal workshops.



**Project Code**  
TCP/DRK/3506

**Project Title**  
Strengthening pen and cage fish farming in Integrated Freshwater aquaculture system

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