China, People's Republic of: Fujian Farmland Sustainable Utilization and Demonstration

Project Name: Fujian Farmland Sustainable Utilization and Demonstration
Project Number: 47071-001
Country: China, People's Republic of
Project Status: Closed
Project Type / Modality of Assistance: Technical Assistance
Source of Funding / Amount: TA 8741-PRC: Fujian Farmland Sustainable Utilization and Demonstration
Technical Assistance Special Fund
US$ 600,000.00

Strategic Agendas:
- Environmentally sustainable growth
- Inclusive economic growth

Drivers of Change:
- Partnerships

Sector / Subsector:
- Agriculture, natural resources and rural development
  - Agricultural production
  - Irrigation
  - Land-based natural resources management
  - Water-based natural resources management

Gender Equity and Mainstreaming:
- Effective gender mainstreaming

Description:
Fujian Province is on the southeast coast of mainland People's Republic of China (PRC) with a population of 37.5 million, of which 40.0% lives in the rural area. Fujian has experienced remarkable economic growth, which was driven predominantly by urban development on the coastal area more than 70% of the provincial gross domestic product (GDP) was from five coastal cities in 2012. In contrast, Fujian's rural economy is predominantly agrarian. Agriculture remains major means for rural livelihood in Fujian. Despite its declining importance, Fujian's agriculture still generates 22.7% of the provincial GDP and 25.0% of the provincial employment. However, the rapid urbanization caused a decrease in the provincial arable land, 1.26 million hectares (ha) in 1996 to 1.12 million ha in 2010. Together with the increasing population, it poses a serious threat for Fujian's agriculture development.

Project Rationale and Linkage to Country/Regional Strategy:
Fertile farmland is a fundamental need for sustainable agricultural production. Due to natural and man-made causes, Fujian's farmland has lost its soil fertility as seen in other part of the PRC. Farmland with poor soil fertility affects crop productivity and consequently livelihoods of those involved in the agricultural production. Lack of farmland management due to the shortage of and aging farmers contributes to the deterioration of farmland quality and the lowering productivity. Soil erosion is a serious threat to farmland soil fertility. Soil erosion results in farmland degradation, frequent drought, and serious waterlogging over its farmland areas. Due to the limited lowland (approximately 10% of the provincial area), Fujian has extensively used upland (i.e., sloping land) for crop farming. However, the upland farming tends to cause runoff of soil, particularly its top layer rich in organic matters, due to the gravity. Together with the sub-tropical monsoon climate, the upland farming makes Fujian’s farmland highly susceptible to soil erosion. Climate change is expected to make precipitation more erratic and wind and summer heat stronger, and consequently amplify the detrimental soil erosion impact on Fujian’s farmland.

In addition to the unique topography and climate, soil erosion in farmland is caused by inappropriate land management and unsustainable farming practices (e.g., poor soil management, excessive use of agriculture chemicals, and poor onfarm water management). At present, 78% of Fujian's arable land is classified as moderately or severely degraded and it could continue to deteriorate without appropriate actions to be taken. Fujian's challenge is to continue to utilize the upland for farming while mitigating soil erosion in tandem. To overcome this challenge, Fujian needs to improve on farmland management and farming practices, for which this project will assist the province. The project is consistent with the PRC's Twelfth Five-Year Plan (2011-2015), which pursues the long-term goal of building a harmonious and moderately prosperous society through livelihood improvement, and regionally balanced and environmentally sustainable growth.

Impact:

Project Outcome

Description of Outcome

Progress Toward Outcome

Implementation Progress

Description of Project Outputs

Status of Implementation Progress (Outputs, Activities, and Issues)

Geographical Location

Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples
Stakeholder Communication, Participation, and Consultation

During Project Design
To be conducted as part of the project preparatory technical assistance.

During Project Implementation

Business Opportunities

Consulting Services
The PPTA requires services of 12 person-months (pm) of international and 28 pm of national consultants. A consulting firm has been recruited and mobilized in January 2015.

Procurement
Procurement of equipment will follow ADB’s Procurement Guidelines (2013, as amended from time to time), and will be turned over to the executing agency upon the PPTA completion.

 Responsible ADB Officer
Robertson, Suzanne Kay

 Responsible ADB Department
East Asia Department

 Responsible ADB Division
Environment, Natural Resources & Agriculture Division, EARD

 Executing Agencies
Fujian Provincial Government (FPG)
ADB Loan Management Office
2/F 115th Guping Road, Fuzhou 350003
Fujian, PRC

 Timetable
Concept Clearance
Fact Finding
MRM
Approval
28 Oct 2014
Last Review Mission
Last PDS Update
28 Sep 2016

TA 8741-PRC

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