



Food Technology Project

« Secure water to secure food and nutrition »

Cambodia & Laos

March 2012 – February 2015

Overview of the project



Presentation of the French Red Cross

- The French Red Cross (FRC) is committed over 150 years to prevent and alleviate human suffering, protect life, health and dignity.
- Auxiliary to government in its humanitarian missions, the FRC is a non-profit-making organization.
- The FRC has been cooperating with the Cambodian Red Cross (CRC) and the Lao Red Cross (LRC) for many years (since 1981 in Cambodia and 2002 in Laos), in several fields:
 - ✓ Health
 - ✓ Disaster Risk Reduction
 - ✓ Water and Sanitation
 - ✓ Food Security

Presentation of the Food Technology Project

- 3-year project (March 2012 to Feb. 2015) funded by the European Union and the French Red Cross
- Regional project implemented in Cambodia and Laos by FRC in partnership with CRC, LRC and a French Research Institute (IRD)
- Beneficiaries :
 - ✓ 34 villages (17 villages in each country)
 - ✓ 1 200 Households (800 HH in Cambodia & 400 HH in Laos)
 - ✓ Mix of poor farmers (~ 60%) & more advanced farmers



Project team and CRC Volunteers

Project target areas

Laos
Sayaboury Province
Xienghone &
Hongsa Districts

Cambodia
Oddar Meanchey Province
Anlong Veng &
Trapeang Prasat Districts



Project target areas



Cambodia
Oddar Meanchey Province
Anlong Veng & Trapeang Prasat Districts



Laos
Sayabouri Province
Xienghone & Hongsa Districts

Main Project objectives and activities

Improving food security and nutrition through transfer of technology :

1. Sustainable water resources management :
Better knowledge of water resources and development of adapted water infrastructures for vegetable farming.



Weather station



Earth dam & concrete spillway

Main Project objectives and activities

■ Research component:

- Setting-up of LETS : Learning, Teaching and Experimenting Sites, in collaboration with technical departments.
- Analysis of data to better understand the water cycle in target areas, and to develop adapted water infrastructures.
- Capacity building of communities in sustainable water resources management

■ Engineering component:

- Design and construction of water infrastructures for irrigation of vegetable crops and fish farming: Gravitarory Fed Systems (GFS), dams and spillways, ponds, wells, boreholes and water distribution networks.
- Training of beneficiaries on operation & maintenance of collective water infrastructures.

Main Project objectives and activities

2. Diversification of food production (vegetable, small livestock, fish farming) and better access to market:.



Main project objectives and activities

- Training of farmers on improved production techniques: vegetable, chicken and pig raising, fish farming.
- Inputs support : provision of quality vegetable seeds, tools, animals, livestock feed, vaccins & medecines.
- Conduction of local market surveys on targeted products.
- Setting-up of farmers' groups at village level, capacity building and support to develop services, such as: production planning, sharing of techniques, linking & negociation with suppliers, marketing.



Trainings of farmers

Main Project objectives and activities

3. Knowledge transfer and strengthening of local institutions: Reinforcement of RC provincial branches, partnership with technical departments, regional workshops.



Training of CRC Volunteers



Regional workshop

Key Project Stakeholders

- Partnerships with relevant technical departments:
 - ✓ On water research and water infrastructures activities:
 - Provincial Department of Water Resources and Meteorology (PDWRM), in Cambodia.
 - Provincial and District offices of Natural Resources and Environment (PoNRE & DoNRE), in Laos.
 - ✓ On support to diversification of food production, farmers' groups and access to market:
 - Provincial and District Departments of Agriculture (PDA & DDA), in Cambodia.
 - Provincial and District Agriculture and Forestry Offices (PAFO & DAFO), and Lao Women Union (LWU), in Laos.

Coordination of Project Activities

- Coordination of project activities with local authorities at provincial, district, commune and village levels.
- Sharing of information with other projects / NGOs implementing activities in the two target provinces.



Project Coordination Meeting
(PCM) in Cambodia



Implementation Management
Committee (IMC) in Laos

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Laos

Thank you for your attention !