



Climate Smart Agriculture (CSA) in Laos



Climate
Smart
Agriculture

Introduction

Lao PDR is highly vulnerable to climate related incidents such as floods and droughts. SNV is working to increase rice farmers' productivity by increasing their resilience to climate change through the development and adoption of smarter agricultural methods to cope with current and future risks.

Alongside activities aimed at raising awareness and strengthening adaptive capacity through improved knowledge, three technological solutions that are currently being piloted in Khamouane province to make rice value chains climate smart include:

- Participatory weather monitoring system to help farmers pick up weather data at various crop stages and link it to crop calendars. It likewise offers potential scenarios to proactively adapt to expected weather conditions;
- Water harvesting through the use of water ponds for vegetable production, fish farming and raising seedlings in nurseries;
- Use of manure (bio-fertiliser) to improve soil fertility and crop productivity.



1



2



3

1 A session with local farmers to discuss climate related threats in Mahaxay district

2 A water pond to irrigate the adjoining rice fields in Xaybouathong district

3 A farmer in Phondady village using harvested rainwater for his rice saplings

Site and impact targets

The Climate Smart Agriculture (CSA) activities in Laos focus on rice in Nongbok, Mahaxay and Xaybouathong districts in Khammouan province. The rice value chain is highly susceptible to climate change as good yields largely depend on favourable weather conditions.

As of 2014, almost 280 households (1790 people) have reaped benefits from CSA activities such as awareness raising, water harvesting, improved soil management and conservative pest control.

Partners/Donors

In Laos, the Climate Smart Agriculture project aligns with the SNV Building Independence Income and Empower (BIIIE) rice project. SNV supports BIIIE in upscaling climate smart rice production techniques, education and awareness raising activities for farmers.

On Climate Smart Agriculture specifically, SNV works closely with:

- Rabo Bank
- Department of Industry and Commerce
- Provincial Forestry and Agriculture Office
- Rice millers and farmers

Photo Credits

Sombane Vannavongsy & Aidan Dockery for SNV

Contact us



If you would like to know more about the project in Laos, please contact:

Frank Tolentino, CSA Project Manager

Email: FTolentino@snworld.org

Telephone: +856-20-5620 8511

Sombane Vannavongsy, CSA Advisor

Email: SVannavongsy@snworld.org

Telephone: +856-20-5855-1357

Visit our website:

www.snworld.org/climate-smart-agriculture

Follow us on Twitter: @SNV_CSA