

- Project:** Participatory Crop Improvement in South Asia (P9002C): Poverty Reduction through Crop intensification in rice Fallows
- Project area:** Siraha, Saptari, Kapilvastu, Banke, Dang, Kailali, and Kanchanpur- Main project districts
Udaypur, Salyan, Pyuthan, Bardia-Promotional sites
- Project Period:** June 2008 to June 2012
- Target group:** *Immediate target group:* 17 community based seed producer's groups (CBSP)
- Partners:** DFID UK, DOA, NARC, LI-BIRD, SUPPORT Foundation, IDE, SEAN, ANSAB, CAZs-NR
- Project goal:** Reduce poverty through scaling-up of validated Renewable Natural Resources Research Strategy (RNRRS) and other research outcomes.

Key activities and Implementation modalities

The project employed the multi-stakeholders' initiatives in all stages of the project implementation. Among the stakeholders, CAZS Natural Resources, UK, took the overall responsibility of technical backstopping and coordination, whilst FORWARD, LIBIRD and Support foundation implemented the field activities, in collaboration with NGLRP and DADOs of the project districts with active support of the farming communities

The main activities were- Participatory planning & monitoring; strengthening capacity of CBSP members; input support to CBSP members; develop linkage & networking of CBSP groups; participatory research & development; informal research & development (IRDs), seed production of legumes and rice; and kit distribution.

Major Achievements

- Community based Seed Producers produced and marketed 1369 mt seeds of rice including 266 mt COB varieties, and 164 mt legumes (86 mt lentil, 57 mt mungbean, and 21 mt chickpea)
- A total of 579 farmers were trained through demonstration of Rained Rabi Cropping (RRC) technologies such as zero tillage garlic cultivation, nutrient loading demonstrations in mungbean, and various technical trainings.
- 523 members from 17 CBSPs of eight districts trained on business development and marketing skills
- Global Agritech Pvt Ltd – a private seed company with 48 shareholders established at Bankatua VDC of Banke district and handed over to Board of Directors (BODs) of the Company
- One rice variety, B 2014, was accepted for release and another variety, B 1027, was accepted for registration in 2011 after joint efforts by FORWARD, LIBIRD, NARC and CARIAD.
- *Foundation seed of Sabitri and Radha-4* variety of paddy and Kalyan and Pratiksha Variety of mungbean supported to SPG for Truthfull Label (TL) seed production.
- Four CBSP groups constructed four community buildings in Kailali and Kanchanpur in coordination with Terai Arc landscape programme, PACT
- Farmers received IRD kits of: rice- 40,743, lentils-13,057 Mungbean-5,125 and chickpea-3,739

Impact

Impact assessment survey showed that farmers of the project area accepted Mungbean as important crop for using fallow land after harvesting of winter crop and after intervention of the project Mungbean production increased by 90% in the area, contributing poverty reduction.
