

**Local Innovation and Experimentation: an entry point to
Climate-Change adaptation for sustainable livelihoods in
Asia (LINEX CCA) Meeting**

International Partners Workshop,

Phnom Penh, Cambodia

Suman Manandhar, 10 May, 2014



**Local Initiatives for Biodiversity,
Research and Development (LI-BIRD)**

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- 08:00 to 09:00 hrs : Breakfast
- 09:00 to 10:00 hrs : Discuss on Action Points from last year's meeting
- 10:00 to 10:45 hrs : CP India presentation on LINEX CCA - present status
- 10:45 to 11:15 hrs : Tea- Break
- 11:15 to 11:45 hrs : CP Cambodia presentation on LINEX CCA - present status
- 11:45 to 12:30 hrs : CP Nepal presentation on LINEX CCA - present status
- 12:30 to 13:00 hrs : Beyond 2014 for LINEX CCA
- 13:00 to 14:00 hrs : Lunch Break
- 14:00 to 14:30 hrs : Cross Country visit planning - India to Nepal and Cambodia to Nepal
- 14:30 to 15:00 hrs : Planning for PID Training to INHERE to Nepal, M & E visit from Nepal to INHERE India
- 15:00 to 15:30 hrs : Discussion on Financial Issues
- 15:30 to 16:00 hrs : Tea Break
- 16:00 to 16:30 hrs : Reporting of Annual and Half Annual Reports
- 16:30 to 17:00 hrs : Strengthening community resilience

- Plans and activities for 2014
- Status of implementation at community level - PID training, joint experimentation based on innovations to CC adaptation, sharing/ dissemination of experiences)
- Collaboration with other organizations supporting local communities
- Policy Issues
- Status of M & E

Activities for 2014:



- Documentation of local innovation and PID related to climate change
- Implementation of PID
- Training community groups in joint experimentation for climate-change adaptation.
- Training CSOs and local governments in CCA, the international arena and links to local initiatives and innovation through PID
- Exchange of experiences between partners within and outside their CPs/publication (audio video, posters, pamphlets)
- Sharing and disseminating best practices at national, regional, and international level, host cross exchange visit for intl partners
- Influencing policy processes at national and international level
- Institutionalization strategy development workshop
- Impact Study

Budget for Nepal (in Euro):



Year	Budget	Expense	Balance	Cumulative Balance	Fund received
2012	34,074	26,265 (77%)	7,809	7,809	
2013	33,426	23,624 (68%)	9,802	17,611	
2014	36,882	na	36,882	54,493 (74,655 US\$)	
Total	104,382				

Major Activities:

- Co-ordination and Management
- Capacity Enhancement of women and climate change vulnerable communities
- Empowering CSO and implementing organization on PID and LI
- Networking and Policy Advocacy
- Monitoring and Evaluation and Impact Assessment
- International Linkages and Co-ordination

- Rampur VDC, Ramechhap. A total of 36 progressive farmers (10 female) were selected from all wards (4 farmers each from nine wards) for the demonstration of adaptive practices such as drip Irrigation, agro-forestry; fruit-based farming systems, and rain water harvesting.
- These practices, supportive of climate adaptation, were demonstrated at leader farmers' fields to incorporate local knowledge & information.
- These activities encouraged local technology development, which created better acceptance of the technologies.

Livelihood Improvement Activities:



- Diversity kits (a small quantity of seeds, saplings and planting materials of vegetables, spices, fruits, fodder, forage, medicinal, cultural, religious and other value plants) such as radish, carrot, broad leaf mustard & all season bean to all the households of Rampur VDC to increase dietary diversity and to support nutritional security of the families.
- Similarly through this program 1,900 multipurpose trees were distributed in the VDC, which included 1,400 (1,000 Lemon, 200 Mango & 200 Sweet Orange) fruit seedlings and 500 Moringa plants, a tree which is drought tolerant and of high nutritive value and beneficial to poor farmers.
- In Asanpur VDC of Siraha district, more than 3,000 multipurpose tree saplings were distributed to 200 households aiming to increase fodder availability for livestock production and to increase soil organic matter as a form of farm yard manure, which in turn increases moisture content in the soil.

- A series of trainings were organized among communities at the community level to increase awareness on climate change, local innovation and importance of local innovation on climate change. The following issues were presented and discussed at these programmes:
- LINEX CCA jointly organized an orientation programme with the Agriculture Service Centre of Asanpur VDC of Siraha district in June, 2013 for one day on crop management and climate change where 147 (101 female) participants participated.

- Growing *coloncy species of Ipil-Ipil* in their farm as it provided good forage and supported in bee keeping for sustaining their livelihoods.
- Ox-driven puller to carry goods in farm to reduce the human drudgery or work load.
- Large capacity water harvesting tank for water collection
- Balcony tomato farming
- Mixed cropping (maize-cucurbits-legumes)
- Agro forestry model (citrus with ginger or turmeric)
- Improved irrigation model (drip irrigation)
- Fruit-based farming (Intercropping of cereals (wheat, Ricebean, ground nut etc) Waste Kitchen Water Collection

- PVS was experimented by two leader farmers in Siraha
- Some drought tolerant paddy varieties viz. Hardinath 2, Barkhe 2014 and Anamol Mansuli were tried as these vars. were also less affected by insects and pests.
- Out of the three varieties experimented farmers found Hardinath 2 was found to be much appropriate due to early maturity period of 117 days so that the farmers can plant vegetables earlier.

Interaction Workshops:

- A two-day interaction workshop organized in Rampur VDC of Ramechhap district in January 2013 was attended by 27 (5 females) participants from different organisations.
- A two-day follow up training on Local Innovation for Adaptation and Mitigation of Climate Change Impact was organized in Asanpur VDC of Siraha district from December 18 to 19, 2013 attended by 14 participants (3 female) from different Governmental and non-governmental organization

Other activities:

- CROSS-COUNTRY VISIT OF NEPALI PARTNERS TO CAMBODIA (APRIL-MAY, 2013):
- LINEX partners meeting 2013:
- PROLINNOVA International Partners Workshop (IPW) 2013
- Support of ETC

Celebrating...



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