

Nairobi Work Programme on Impacts, Vulnerability and Adaptation to Climate Change

Submission by

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

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About LI-BIRD

Local Initiatives for Biodiversity, Research and Development (LI-BIRD) is a non-profit making, non-governmental organization (NGO). LI-BIRD is committed to capitalize on local initiatives for a sustainable management of renewable natural resources and to improve the livelihoods of the people of Nepal. It emphasizes on participatory approach to the development, dissemination and scaling up of technologies. It specifically encourages and values farmers' local knowledge, initiatives and innovation in the planning, implementation, monitoring and evaluation of programmes and projects. LI-BIRD strives to develop and maintain active links with local, national and international institutions in achieving its objectives. It works through partnership and collaboration with a wide range of partners and stakeholders from grassroots to national and international level. LI-BIRD emphasizes on networking with its diverse partners for the sustainable technology development and dissemination at different levels.

LI-BIRD believes that a viable climate regime is possible to prevent dangerous climate change. This regime must be built on core principles of equity and fairness and include appropriate balance of rights and obligations. LI-BIRD is taking leadership in establishing network and linkages among research and development NGOs on the issue of climate change and developing a forum or group of NGOs on the issue. It is also engaging itself in conducting participatory research and development on adaptation related issues for addressing key vulnerability of communities particularly of poor and marginal communities. We also support government and other organizations to develop and implement NAPA, and Climate change policy and programme. LI-BIRD in partnership with national as well as international organization is actively engaged in number of activities which are relevant to Nairobi Work Programme (NWP) on Impacts, Vulnerability and Adaptation to Climate change.

NGO group in Nepal

Specific Objectives

- ❖ To raise awareness amongst key development NGOs on climate change and development issues
- ❖ To establish a forum or group of such NGOs who meet regularly and carry out joint activities
- ❖ To assist the NGO Forum/group in its activities

Major Activities

- ❖ Information sharing among each other on our work related to climate change
- ❖ through secretariat or e-mail group: Introduce organization to each other
Formation of Yahoo
- ❖ Initiating Issue based discussion
- ❖ Orientation to NGOs on climate change
- ❖ Joint proposal development (Database management, capacity building)
Publication of annual Newsletter
- ❖ Conducting Regular Meeting among NGOs Awareness raising to school students, farmers

Priority Activities

- ❖ Awareness raising about climate change issues and work at organizational level
- ❖ (Sharing with each other)
- ❖ Information centre (database management)
- ❖ Increase awareness of farmers, students, other NGOs and government line agencies
- ❖ Joint Research and development work
- ❖ Policy advocacy
- ❖ Coordination with GoN and other Networks/organizations, and other stakeholders

Expected results

1. Increased Awareness, knowledge and skills of civil society in Nepal on climate change impacts, vulnerability and adaptation.
2. Civil society organization involved in research and development

Indicators of achievement

1. Number of civil society organization involved in climate change research and development in Nepal
2. Number of project and programme in climate change
3. Active adaptation actions by NGOs and other civil society actors in Nepal

Funding sources

IIED, UK and Sida, Sweden

Organization Involved

- ❖ Local Initiatives for Biodiversity, Research and Development (LI-BIRD)
- ❖ World Vision, Nepal
- ❖ Pokhara; Environment and Public Health Organization (ENPHO)
- ❖ Clean Energy Nepal (CEN)
- ❖ ECCA; Environment Study Group
- ❖ Machapuchhre Development Organization (MDO)
- ❖ Forum for Rural Welfare and Agriculture Reform for Development (FORWARD)
- ❖ Ecological Service Centre (eco-centre)
- ❖ Nepal Red Cross Society Kaski
- ❖ Multidimensional Agriculture for Development (MADE) Nepal

For Further Information

www.libird.org

CLACC: Capacity strengthening in Least developed countries for Adaptation to Climate Change

Overall objectives:

Adaptation practices and planning, Research and Technologies for adaptation.

Project objectives:

- ❖ Raising awareness on climate change adaptation amongst civil society actors in the least developed countries (LDCs).
- ❖ Strengthening capacity of civil society actors (focusing on the most vulnerable communities) in LDCs to adapt to climate change impacts.

Activities:

1. *Capacity building:* Fellowships have been provided to CLACC Fellow from LI-BIRD. This fellowship was intended to build the capacity of CLACC fellow in dealing with Climate change issues, international negotiation and country level adaptation actions.

2. *Inputs into National Adaptation Programmes of Action (NAPAs).* The main objective of this activity is to engage the CLACC Fellows with the NAPA process and help the country governments in preparing their country NAPA.

3. *Carry out action research on climate change issues :* The CLACC fellow will be involved in carrying out action research in burning issues related to climate change. CLACC fellow has prepared a country case study on human health impacts of climate change. There will be another research on looking at impact of climate change in urban areas together with vulnerability assessment and mapping. Another interesting area of research will be to identify local varieties that can better grow in draught and flood prone areas.

4. *Awareness raising amongst civil society:* The CLACC fellow will be engaged with civil society actors to raise awareness on climate change related issues, especially focusing on impacts on the poor and vulnerable communities.

5. *Participatory video documentary:* A 3 min videos about adaptation to climate change or climate variability will be prepared by the end of the project period. The video will cover community level adaptation to climate change particularly in drought prone and flood prone areas of Nepal. Communities will be involved during this process

Expected results:

1. Awareness amongst civil society actors in Nepal on climate change impacts, vulnerability and adaptation increased.
2. Capacity of civil society actors in identifying strategies and actions on adaptation to climate change enhanced

Indicators of achievement:

1. Enhanced awareness of climate change amongst NGOs and other civil society actors in Nepal
2. Active adaptation actions by NGOs and other civil society actors in Nepal.

Funding sources:

Sida, Sweden and DFID, UK (for health case studies), BMZ, Germany (for initial fellowships 2004/5)

Partner institutions:

1. BCAS, Bangladesh (regional partner for south Asia)
2. ACTS, Kenya (regional partner for east Africa)
3. ZERO, Zimbabwe (regional partner for southern Africa)
4. ENDA, Senegal (regional partner for west Africa)
5. CURE, Malawi
6. EECZ, Zambia
7. GED, Mozambique
8. EPMS, Tanzania
9. SECS, Sudan
10. CARITAS, Bangladesh
11. DENIVA, Uganda
12. LIBIRD, Nepal
13. RSPN, Bhutan
14. OFEDI, Benin
15. TENMIYA, Mauritania
16. AMADE-PELCODE, Mali

Further information:

www.clacc.net

Up in Smoke Nepal

Overall objectives

The aim of this newsletter is to share information and exchanging knowledge on Climate Change issues

Project objectives

- ❖ To facilitate exchange of information and knowledge amongst research and development NGOs.
- ❖ To build capacity of civil society organization by encouraging them to be engaged in publication related to climate change and development.

Activities

1. *Up in Smoke*: Time for Action on Climate Change: First publication produced in 2007 aimed at the building awareness of government and civil society organization on climate change.
2. *Up in Smoke*: Under production-due out for COP13 in Bali, Indonesia in December 2007. This will highlight the major issues of Nepal and country interest in international negotiations.
3. *UP in Smoke Reader Panel*: Up in Smoke Reader Panel will be formed in Nepal with an objective of a) raising awareness amongst key actors about climate change and development issues, and b) establishing a forum or group of such individuals to meet occasionally and give feedback to improve Up in Smoke. Individuals and organizations interested and likely to be actively involved and contribute to climate change work in future as UP in Smoke readers panel in Nepal.

Expected results:

- ❖ Information and knowledge on climate change issues will be well documented
- ❖ NGOs and civil society organization will take active role in dealing with climate change issues.
- ❖ Coordination and linkages among NGOs will be enhanced.

Organization Involved

- ❖ Local Initiatives for Biodiversity, Research and Development (LI-BIRD)
- ❖ World Vision, Nepal
- ❖ Pokhara; Environment and Public Health Organization (ENPHO)
- ❖ Clean Energy Nepal (CEN)
- ❖ ECCA; Environment Study Group
- ❖ Machapuchhre Development Organization (MDO)
- ❖ Forum for Rural Welfare and Agriculture Reform for Development (FORWARD)
- ❖ Ecological Service Centre (eco-centre)
- ❖ Nepal Red Cross Society Kaski
- ❖ Multidimensional Agriculture for Development (MADE) Nepal

Indicators of achievement:

1. Number of publications
2. UP in Smoke Reader Panel

Funding sources:

IIED, UK and Sida, Sweden

For Further information

www.libird.org

Climate Change Information Resource Centres

Objectives

The main aim of climate change information resource centre is to enhance greater access of knowledge and information

Specific Objectives

- ❖ Increase access of materials for use by civil society actors and students
- ❖ Enhance learning and sharing among civil society organization on climate change issues

Activities

- ❖ *Establishing Climate Change Information Resource Centre (CCIRC):* It is the centre where reports, publications and other materials are made available for use by civil society actors and students. These are open to the public and becoming widely used in Nepal.
- ❖ *Establishing regional information resource center:* This activity will target at least 5 regional information resource centres in Nepal. It will be initiated and managed by NGOs.

Expected outputs

- ❖ Global and national database on information and knowledge on climate change science and adaptation practice established
- ❖ Increased awareness among students, researchers, civil society and government organizations on climate change

Indicators of Achievement

Number of regional climate change information centers

Funding sources

LI-BIRD core fund, IIED, UK and SIDA, Sweden

Further Information

www.libird.org

Building Resilience of communities on adverse impact of Climate Change

Goal

Reduce vulnerability of poor and marginal communities to the negative impact of climate change on agriculture

Major Objectives

- ❖ To implement and strengthen climate change adaptive measures and strategies at community level through action research and development intervention
- ❖ To increase awareness on impact of climate change at different level
- ❖ To influence government programme and policies supportive to actions towards climate change adaptation

Activities

1. *Coping mechanism and adaptive capacity of communities in climate change developed:* We will develop drought-tolerant varieties targeted at the drought-prone shallow rainfed lowlands (SRL) of the *Terai* where rice cultivation is important for farmers' livelihoods and national food security (Witcombe *et al.*, 2002). The LIBIRD/NARC/CAZS-NR breeding programme in Nepal have led to the selection of two aromatic varieties, Sugandha 1 and Sugandha 2002. Sugandha 1 has proved highly popular in a number of districts of the *Terai* where it is grown in the SRL ecosystem for its adaptation to drought stress and its aromatic, higher value grain. Sugandha 1, Barkhe 1027 and Judi 572 bred from this program have drought tolerance and has low N requirement.

2. *Awareness on the impact of climate change at different level increased:* There will be at least 5 regional workshops on climate change. At least 2 training will be organized for NGOs and Environmental journalist to provide them basic knowledge about climate change and its potential impacts.

3. *Government programme and policies on climate change developed:* This activity will support the government to develop climate change policy, formulate NAPA and implement adaptation projects.

Expected Outputs

- ❖ Strategies and approaches of community based climate change adaptation in agriculture developed
- ❖ Awareness on the impact of climate change at different level increased
- ❖ Government programme and policies on climate change developed

Indicator of Achievement

- ❖ Increased in access to information and knowledge on climate change among students, researchers, academicians, development workers and policy makers
- ❖ Number of communities, organizations and institutions actively involved in mitigation and adaptation of climate change

- ❖ Implementation and scaling up of adaptive and mitigation technologies and options by the government

Implementing Partners

- ❖ LI-BIRD
- ❖ Department of Agriculture and Cooperatives
- ❖ Department of Forest and Soil Conservation
- ❖ CLACC

Funding sources

LI-BIRD's Ongoing projects

Further information

www.libird.org