

ACT Alliance Case Study on CCA and DRR

Organization	Lutheran World Service India Trust
Project name	STEER Rural Project, Kendrapada
Country	India

No.	Questions	Answers
1	What are the primary disasters or climate-related issues or problems that the project is addressing?	The primary disasters which are being addressed by the project include; Floods, Cyclone, Tsunami and Tornado as caused at different times. Besides, the impact of climate change phenomenon also being addressed by the project through various interventions.
2	Can you explain the natural/human-induced hazard or climate-related hazard that the project addresses in more detail, specifically the vulnerability and exposure of people facing the hazard?	Flood and Cyclone become a perennial phenomenon in this district. Main cause of concern is the geographical position of the district and the rivers systems netting in the region. The High floods during last one decade have broken down the backbone of the rural poor community of the district. The well organized and in time response by the project put a successful milestone to face the aftermath of disaster. In every alternate year one can expect a flood in the district. During flood in 2011 - 2014, almost all the 9 blocks were affected suffering more than 800,000 population of the district. Almost 80% area of the district is prone to flood and two blocks namely Mahakalapada & Rajnagar also prone to Tsunami. Erratic behavior of monsoon over consecutive years has had serious and adverse impact on the socio-economic condition of the people. While the district is reeling under the grip of cyclone/flood since long time, it has been recently experiencing disasters like whirl wind/hailstorm, fire accident & lightening etc. Due to the climate change, the poor community will become more vulnerable and the impact of disaster will be more devastating on them. The disastrous effects of natural hazards cannot be eliminated completely but the miseries can be minimized to a reasonable extent by adoption of appropriate management practices in different levels.
3	What are the main outcomes that the project seeks to achieve, related to climate change adaptation, mitigation, and/or disaster risk	The main outcome of the project seeks to achieve includes; Excluded and marginalized communities are involved in building climate resilient livelihood models reducing the food insecurity by developing low cost, replicable and innovative program; Enhancing coping

SECRETARIAT: 150, route de Ferney, P.O. Box 2100, 1211 Geneva 2, Switz. TEL.: +4122 791 6434 – FAX: +4122 791 6506 – www.actalliance.org



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	reduction, and what measurable results have been achieved to date?	<p>capacities among the people and increase community resilience.</p> <p>As of date, project has achieved several results such as; ensuring steady income among excluded and marginalized families through alternative livelihood model, adapting climate resilient varieties of paddy crops in flood prone area and ensure food production, massive tree plantation as part of mitigation measures, capacitated community based disaster management team responded to several flood disasters efficiently and effectively without waiting for external support. Besides, community management grain banks have been promoted to ensure food security at the aftermath of any disaster, while the seed banks have been established at the community level to grow indigenous crops considering climate variability.</p>
4	How is the project unique or innovative?	<p>The project is unique in the sense that, it is practicing climate change adaptation measures considering the local context and cultural factors. By doing so, project is also able to bring back the practice of indigenous crops which is climate sensitive and have good production which leads to appropriate income.</p>
5	How will the results of this project change the lives of the local communities?	<p>The targeted communities are among the most vulnerable groups. Since they do not have any sustainable income sources, they cannot think of saving whether cash or food grains. To cultivate the habit of savings, project will support for grain banks within the community to meet future needs. This will enhance the community capacity to provide grains to the most vulnerable families at the aftermath of disaster and ensure their food security. Thus, the crisis will be minimized and immediate food needs will be fulfilled apart from accessing food schemes from govt. Besides, the trained CBDMT members will evacuate the most vulnerable persons such as; elderly persons, persons with disability, pregnant women etc. to the safer places before the occurrence of any disaster. Consequently, these people will not only be free from any anxiety and tension at the time of disaster, but they will be accessible to food and other facilities while staying at the safe places.</p>

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6	What effect has the project had on men and women, girls and boys, and on other vulnerable groups?	The project has already witnessed the positive result through intervention of grain banks, seed banks and strengthening community based disaster management task force teams. All these measures had have very positive effect on women, men, girls and boys in the sense that, they ensure food security by using climate resilient varieties of seeds. Because of good production, the flood tolerant varieties of crops have been replicated by many farmers and now the project witnessed that, many farmer families are now practicing this crops ensure food production, thereby enhance food security and livelihood. The trained CBDMT own the responsibility to take care of vulnerable persons and community at large at the time of any disaster.
7	What impact has the project had on the environment, including carbon emissions (if applicable)?	There are several operational communities have done massive tree plantation with selected species. With grown up trees, they are helping to produce oxygen which is extremely essential for living being including human. Similarly, these trees absorb carbon dioxide from the atmosphere to the large extent and act as the mitigation measures of climate change. In the given situation massive tree plantation done by the project is extremely appreciable.
8	How has the local population, including local authorities, been involved in the project?	The design of the project is based in the principle of by the people, of the people and for the people. Community people are very much involved ever since planning stage, implementation and monitoring as well as evaluation of the project. The opinion of the community is extremely important for which this participatory approach has been adopted. Similarly, local authorities are part and parcel of the project design and given their opinion in terms of their observation to the local climatic conditions and history of the village situation and several disaster strikes in the areas.
9	How have local communities' capacities been built?	Training, awareness and several sensitization programs being conducted for the representatives of local communities from time to time in order enhance their capacities and knowledge base. Youth were trained on various skills such as; search and rescue, first aid and trauma counselling, WASH, etc. Workshop and meeting on management of grain banks and seed banks also conducted for effective management of resources.

No.	Questions	Answers
10	Is the project replicable by other communities? How will it be sustained after the end of funding support?	It is observed that, several initiatives taken by the project have been already replicated by adjoining communities, even at different locations. The number of replicable communities also increasing day by day. Similarly, because of best efforts demonstrated by trained CBDMT, the programs have been adopted by other organizations in different locations.
11	How has the project contributed to the overall strategy/plan of government of your country.	The efforts taken by the project such as DRR and climate change adaptation and mitigation measures are very much aligned and in compliance to the national disaster management act of India and national action plan of climate change. Hence, any such efforts taken through these two areas have been highly strategized and contributed towards national program.
12	How has the fact that you are a Faith-Based Organisation (FBO) contributed (extra) to the success of the project?	Yes, LWSIT is a faith based organization, but the contribution made by the organization through its primary stakeholder i.e., communities is extremely commendable.

Please submit no more than 5 digital pictures (high quality jpg) of your project with your case study.

Photos (Please insert the project photos in this table)	Photos by (sources)
 <p>Flood resistance variety of Rice assisted by LWSIT</p>	LWSIT Team



Line transplantation encouraged by LWSIT for higher yield

LWSIT Team



Bumper harvest of Rice by the assisted farmers

LWSIT Team

