

# Municipal Disaster Risk Reduction Program in Nepal (MDRIP)

NSET Information Kit | 027 | 2011



## BACKGROUND

NSET started implementing earthquake risk management programs in urban areas of Nepal in 1999. Assessment of earthquake risk of the cities, participatory action planning for risk reduction, implementation of feasible mitigation activities, public awareness and capacity building are successful and effective activities. ERM efforts in urban areas have potential of greater impact in surrounding rural areas also. Hence, NSET has been continuously implementing the urban risk management programs in the past years and plans to cover the entire 58 municipalities of Nepal within next 5-10 years and to publish Urban Risk Atlas of Nepal. The Municipal Disaster Risk Reduction Program in Nepal (MDRIP) is a logical continuation in this direction.

In order to improve disaster safety of urban areas of Nepal through participatory risk assessment, capacity building, planning and implementation of disaster risk reduction measures; NSET has implemented the Municipal Disaster Risk Reduction Program (MDRIP) in Ilam and Panauti municipalities under the Global Risk Identification Programme (GRIP) of UNDP/Bureau for Crisis Prevention and Recovery (BCPR) with the funding assistance from United Nations Office for Project Services (UNOPS) during 2008.

## GOAL & OBJECTIVES

The goal of the program is: "Improved Disaster Safety of urban areas of Nepal through participatory risk assessment, capacity building, planning and implementation of disaster risk reduction measures including building codes and preparedness initiatives for effective disaster response."

### The objectives of the program are:

- Enhance the capacity of program municipalities in Earthquake Risk Reduction and Emergency Response
- Institutionalize Disaster Risk Management Practices in program municipalities including consolidation of past achievements for mainstreaming Disaster Risk Reduction into Municipal Development Planning Process



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## ACTIVITIES

- Conduct participatory disaster risk assessment with special focus to earthquakes
- Prepare action Plan for Disaster Risk Reduction (DRR) and Response
- Initiate implementation of DRR Initiatives
- Capacity Building – training of masons & engineers
- Community education and awareness, Shake Table Demonstration
- Implementation of demonstration vulnerability reduction measures (structural and non-structural)



## OUTCOME

Multi-hazard Disaster Scenario for both the municipalities

Disaster Risk Reduction Action Plan for two municipalities

Trained human resource developed (engineers, technicians and masons) on earthquake-resistant construction technology (22 engineers and 30 masons were trained in Ilam, 30 masons in Panauti were trained)

Increased awareness of House-owners on disaster safety



## ACHIEVEMENTS

All the program activities were accomplished successfully including the development of disaster risk assessment and action planning. Disaster scenario and action plan documents for both the municipalities have been prepared. A number of different professionals from both municipalities have been trained on different aspects of disaster risk assessment, risk reduction, preparedness and response. The municipalities have started implementation of the actions suggested in the action plans.