



Earthquake Risk Reduction and Recovery Preparedness Programme for South Asian Region



International Recovery platform
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Photos Prof. A.S. Anya



Photo: Prof. A.S. Anya



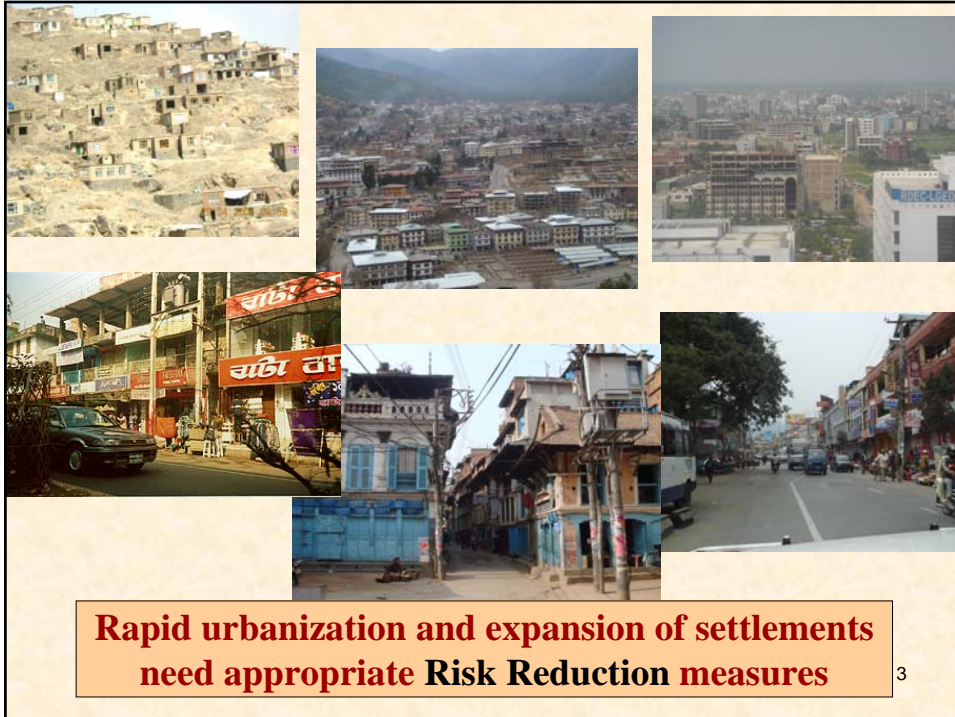
Sohel Khan



WWF-Pakistan

Existence of many active fault lines makes South Asia highly vulnerable to Earthquake

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National and Regional initiatives

National level : ▶ **NDM Plan and Strategy**

▶ **Local level Disaster awareness and training guidelines being developed**

Regional level : ▶ **SAARC framework for Disaster Management**

▶ **Establishing SAARC Regional Centers**
■ **SCDM, SCMR, SCCZM**

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Concerns

- National DM strategies mostly focused on general preparedness and emergency response. Little focus on structural solution as a part of preparedness
- Lack of appropriate **preparedness and mitigation plan** (urban and rural)
- Lack of appropriate **construction guidelines and supervision** by the competent authorities
- Lack of **institutional and community capacity building** (awareness, knowledge, facilities, etc..)

Concerns

- Adequate **regional sharing** of experiences, lessons, good practice has not been done
- **Post disaster recovery programs** (government and NGOs) are **not addressing risk reduction** issues , which lead to **rebuilding of risks**
- **Post disaster recovery** being regarded as an isolated issue undertaken “as and when required” basis
→ No link with disaster management cycle

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ERRP Programme

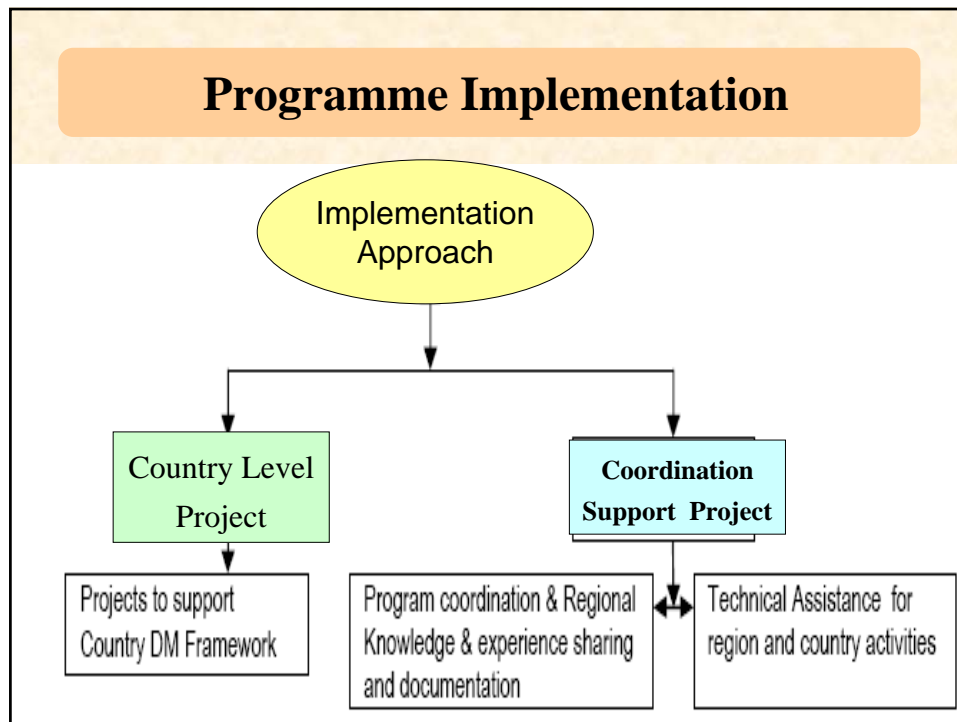
UNDP in the context of the IRP developed a regional programme to address Earthquake Risk Reduction and Recovery Preparedness for South Asian region

- Project Budget : **USD 4.83 million**
- Funded by : **Government of Japan (MoFA)**
- Targeted countries :
 - ▶ **Bangladesh, Bhutan, India, Nepal, Pakistan**
- Proposed Project partners :
 - ▶ **SAARC Sec., SCDM, ADRC, UN OPS**

The Purposes of the ERRP

- To strengthen the **institutional and community** capacity to plan and implement earthquake risk reduction strategies integrating disaster **preparedness, mitigation and post disaster recovery** in 5 countries
- To support **regional cooperation** for DRR and **recovery preparedness** in the context of SAARC Framework for Dis. Management

Programme Implementation



Country Level Projects : Common methodologies

- **Assess seismic risks, vulnerability and capacity**
- **Enhance capacities of government, institutions and communities to adapt and implement earthquake preparedness planning and safe construction practice**
- **Develop / modify appropriate guidelines for earthquake-resistant building construction**
- **Skill training for construction professionals**

Country Level Projects : Common methodologies

- **Implement local level earthquake safe model projects** (seismic safe construction/ retrofitting) using national **building code** and **EQ safe construction guideline**
- **Strengthen the capacity of the governments to better prepare for post disaster recovery through advocating policies, guidelines, etc. in the NDM plan**

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Project Preparation at Country Level

- **Focal government agencies and UNDP in each country developed country project document**
- **Followed common methodologies of ERRP programme framework document**
- **Considering country priorities and linking with NDM plan/strategies,**

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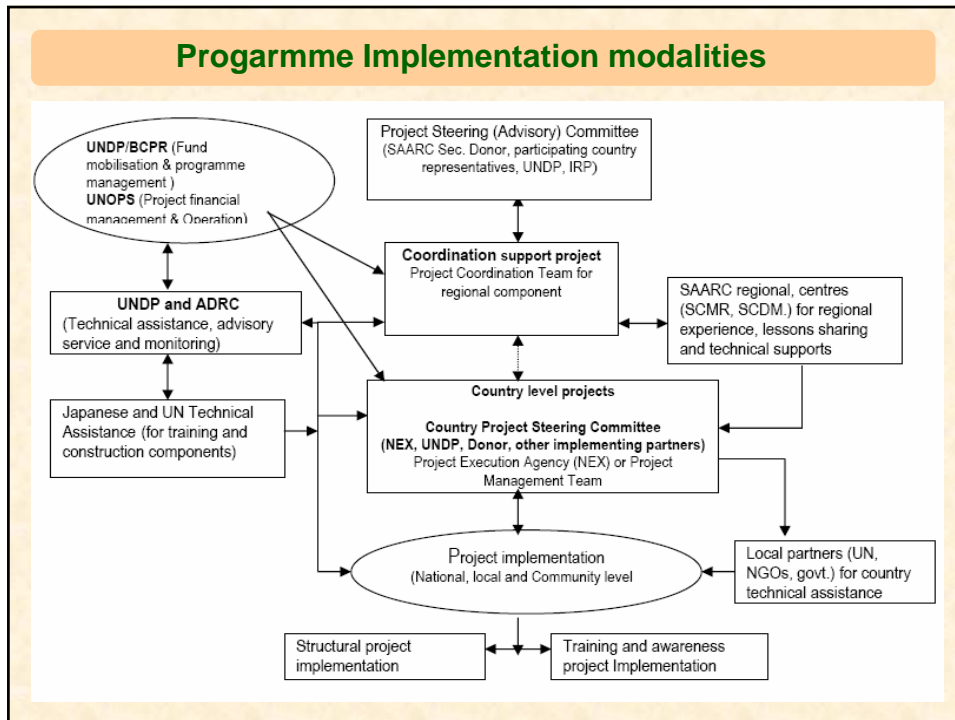
ERRP Coordination Support Project (Regional Component)

- **Regional Knowledge exercise and Networking**
- **Lessons and experience sharing through training, workshops, seminars on regional Bld. Code practice, EQ safe construction, etc.**
- **Documentation of experiences and practices**
- **Facilitating regional and international technical assistance for the countries and regional project.**

Regional level exchange through knowledge networking is crucial

- **Disasters are inter-linked**
- **Similarities in construction pattern**
- **Socioeconomic and cultural similarity**
- **Easily adaptable, appropriate technologies**
- **Cost effective technical support
(within the Region)**

Programme Implementation modalities



Current status of ERRP Programme

- **Country level and regional project formulation documents finalized**
- **Project approval process (by govt. and UNDP) done**
- **Project preparatory activities initiated**
 - » **Project fund placement**
 - » **National level consultation**
 - » **Confirmation of national focal agencies/officials**
 - » **Project Management Team formation**
 - » **Identification of country level and regional partners**

Country level project summary

Earthquake Risk Reduction and Recovery Preparedness (ERRP) Programme for South Asian Region — Overview of Country Projects —

	Bangladesh	Bhutan	India	Nepal	Pakistan
Expected Outcome / Indicators	Strengthen the institutional and community level capacity to plan and implement earthquake risk reduction strategies and disaster preparedness and recovery in low risk districts of CBT region	Strengthen the institutional and community capacity to plan and implement disaster risk reduction strategy through integrated disaster preparedness and recovery approach for high risk areas in Thimphu following regional approach	Strengthen the capacities of construction practitioners on multi-hazard disaster risk reduction in selected multi-hazard prone districts of India, and promote earthquake preparedness across a range of the earthquake prone districts in India, India and Uttarakhand	Reduce the number of deaths and injuries in earthquakes and infrastructure damage due to the earthquake and infrastructure related sector plan of the government	To contribute to the process of integrating disaster risk reduction into recovery and development planning in the earthquake-prone areas of Islamabad and Muzaffargarh and Muzaffargarh
Target Districts / Municipalities	Chittagong Hill Tract (CHT) Districts: Rangpur District, Khagrachhari District, Bandarbanj District	Thimphu, Phunshingling, Gasa, Sengeling, Singha	1. Earthquake prone districts in India: Delhi and Uttar Pradesh Bihar, Assam, Karnataka, Madhya Pradesh, Manipal, Meghalaya, Mizoram, Orissa, Punjab, Rajasthan, Tamil Nadu, West Bengal, Jharkhand, Andhra Pradesh, Kerala, Karnataka, Uttar Pradesh	Central Province Municipality Western Province Municipality (including Lalitpur Municipality) Madhya Pradesh Municipality Far-West Province Municipality	Muzaffargarh and Muzaffargarh Municipality
Partners	Min. of Health and Disaster Management, Min. of Chittagong Hill Tract Affairs, Disaster Management Committee and parallel NGOs	Dept. of Local Government (DOLG), Min. of Home and Cultural Affairs (MHA), Disaster Risk Reduction Authority (DRRA), Min. of Health & Welfare, Government of Bhutan	Department of Economic Affairs (DEA), Ministry of Home Affairs (MHA)	Ministry of Physical Planning and Works (MPPW), Government of Nepal (GoN), Ministry of Home Affairs (MHA) and Ministry of Local Development (MLD) of GoN, selected municipalities and UNCF	UNEP Pakistan Muzaffargarh City of Islamabad and Muzaffargarh, Islamabad, the State Institute of Planning, Institute of Technology - NUST, Chittagong University of Pakistan, Centre of Excellence in Planning, University of Pakistan, Alpha Khan Planning and Design Services, Integrated Construction Team
Output / Activities	<ul style="list-style-type: none"> 1. Conducted awareness based and vulnerability maps for Chittagong Hill Tract (CHT) districts. Developed disaster and recovery maps for Thimphu and Singha, preparedness and recovery maps for Singha and Singha. 2. Conducted awareness based and vulnerability maps for Chittagong Hill Tract (CHT) districts. Developed disaster and recovery maps for Thimphu and Singha, preparedness and recovery maps for Singha and Singha. 3. Preparedness and recovery maps for Chittagong Hill Tract (CHT) districts. Developed disaster and recovery maps for Thimphu and Singha, preparedness and recovery maps for Singha and Singha. 	<ul style="list-style-type: none"> 1. Identified risks and preparedness for disaster preparedness and recovery of Thimphu and Singha. 2. Identified risks and preparedness for disaster preparedness and recovery of Thimphu and Singha. 3. Identified risks and preparedness for disaster preparedness and recovery of Thimphu and Singha. 	<ul style="list-style-type: none"> 1. Conducted training and skill on preparation of disaster preparedness and recovery maps for Thimphu and Singha. 2. Conducted training and skill on preparation of disaster preparedness and recovery maps for Thimphu and Singha. 3. Conducted training and skill on preparation of disaster preparedness and recovery maps for Thimphu and Singha. 	<ul style="list-style-type: none"> 1. Conducted training and skill on preparation of disaster preparedness and recovery maps for Thimphu and Singha. 2. Conducted training and skill on preparation of disaster preparedness and recovery maps for Thimphu and Singha. 3. Conducted training and skill on preparation of disaster preparedness and recovery maps for Thimphu and Singha. 	<ul style="list-style-type: none"> 1. Conducted training and skill on preparation of disaster preparedness and recovery maps for Thimphu and Singha. 2. Conducted training and skill on preparation of disaster preparedness and recovery maps for Thimphu and Singha. 3. Conducted training and skill on preparation of disaster preparedness and recovery maps for Thimphu and Singha.
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Thank you

