

# World Conference on Disaster Reduction

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## Thematic Session 5.2

### Humanitarian Preparedness: Lessons and Challenges

# Building National Capacity in Emergency Preparedness and Response



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# Emergency Preparedness and Response Framework

- Understanding hazard, vulnerability and risk
- Understanding current needs and capabilities
- Comprehensive Disaster Risk Management Plan
- Preparedness and Response Plan as a part of Disaster Risk Management Plan
- Implement actions



# Potential Impact due to scenario EQ in KV (KVERMP estimates for IX MMI)

## Impact

Death

Injuries

Buildings destroyed/collapsed

Homeless population

Bridges impassable

Road length damaged

Water supply pipes damaged

Telephone Exchange Buildings

Telephone lines

Electric substations

Electric lines

## Extent

>40,000

>95,000

>60%

>700,000

>50%

>10%

>95%

most

>60%

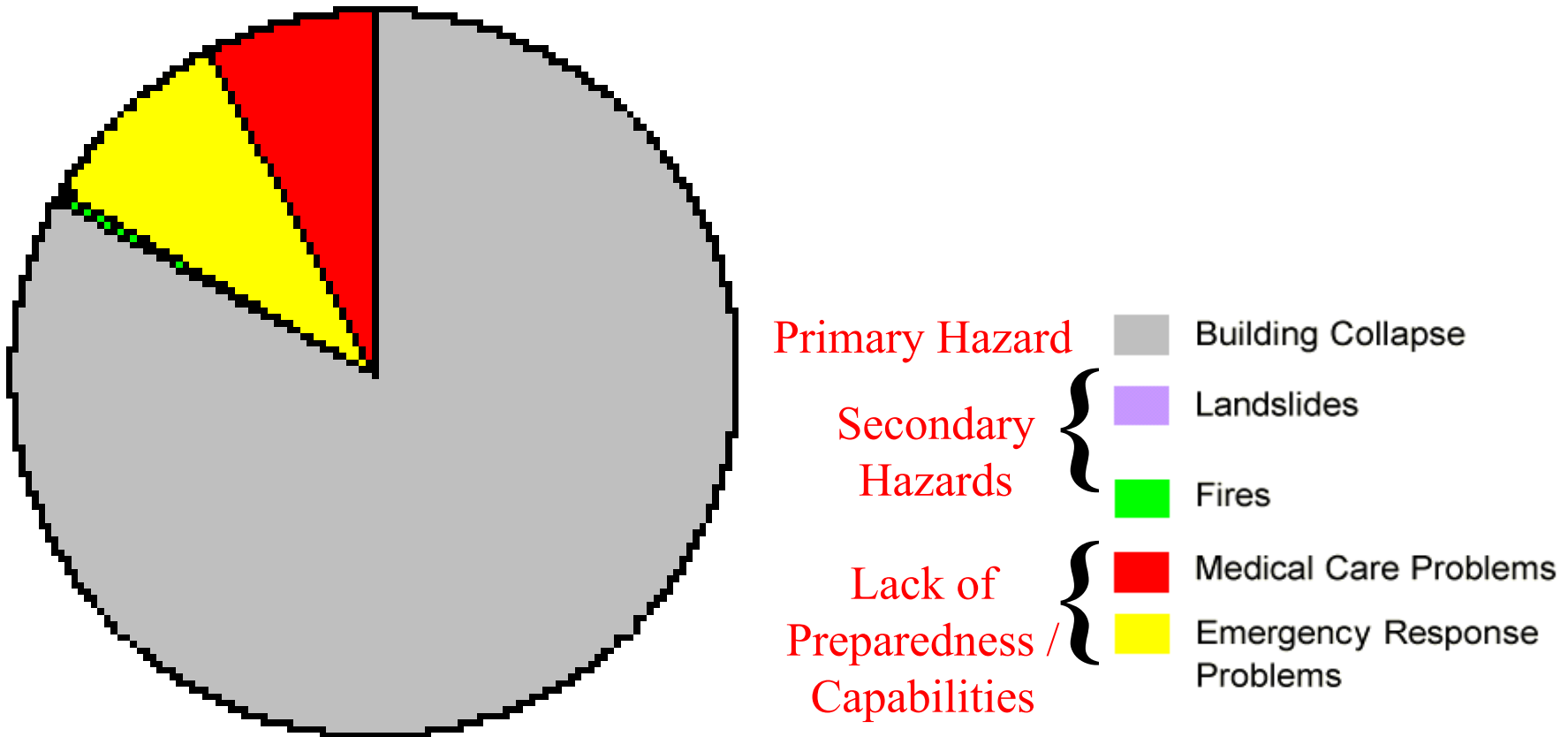
most

40%

**Similar situation in other areas of the country**



# Sources of Earthquake Risk



(source: GESI)



# Key Issues

- Knowing risk is important to start for preparedness and emergency response
- Most important is to understand the risk by authorities at the top to the communities at the bottom
  - Awareness about the underlying risk



# Some Initiatives

- National Action Plan (NAP) for disaster risk management has been prepared
- Several sectoral plans has also been prepared and are being implemented
  - Health sector preparedness plan
  - Hospital emergency plans
- Action plans for several cities
- Community preparedness plans



# Municipal level earthquake preparedness

- Municipal Earthquake Risk Management Program
- Assessment of earthquake risk
  - Damage scenario using RADIUS tool
- Action Planning for ERM
- Creation of Disaster Risk Management Committees
  - For implementing mitigation, emergency response and preparedness plans in sustainable way
  - Training and education of local professionals and common people

# ACTION PLANNING For ERM in Kathmandu



- **85 institutions involved in Action Plan Development**
- **Commitments expressed**
- **Involvement of stakeholders – make action plan doable and acceptable**





# Community level earthquake preparedness

- Awareness and preparedness at community level through School Earthquake Safety Program (SESP)
- Capacity building and community preparedness through Kathmandu Valley Earthquake Preparedness Initiative (KVEPI)
- Pre-positioning of Emergency Rescue Store at different communities of Kathmandu



# Community Preparedness through SESP



**Students**  
**Teachers**  
**Parents**  
**Masons**

**Common people**  
**Local Authorities**  
**Central Government**

**Awareness, training and preparedness**



# Preparedness through CBDM activities

- KVEPI in 10 wards of Kathmandu Valley
  - Jointly with Nepalese Red Cross and American Red Cross
  - Training and capacity building of Red Cross Volunteers for effective emergency response
  - Institutional set up for disaster risk management at the community level
    - Disaster Management Committees at the communities
  - Training of local volunteers
- Pre-positioning of emergency supplies

# Pre-positioning of Emergency Rescue Stores

- 8 locations of Kathmandu Valley





# Preparedness at Household Level

- Awareness and training on
  - Identification of safe and unsafe places
  - Prepare family emergency plans
  - Prepare emergency kit
  - Does and don't does
- Mobile Earthquake Clinic
  - Mitigation and preparedness
- Orientation program for various institutions
  - International community
  - Clubs
  - Women groups
  - NGOs and INGOs



# Regional Program for Emergency Capacity Enhancement - PEER

- Program for Enhancement of Emergency Response (PEER)
- Regional program in 5 countries of Asia – Bangladesh, India, Indonesia, Nepal and Philippines
- PEER 2 – implemented by NSET (2003 – 2008)
- Vision
  - To strengthen capacities and capabilities of first responders in disaster emergencies in participating PEER countries
- Mission
  - Reduce mortality in mass casualty events and increase survival rates of disaster victims
- Goal
  - To establish a regional network of emergency and medical response of training institutions and individuals of five PEER countries



# PEER

- **Four Main Training courses:**
  - Medical First Response (MFR)
  - Collapsed Structure Search and Rescue (CSSR)
  - Hospital Preparedness for Emergencies (HOPE)
  - Training for Instructors (TFI)
- **Four main tasks:**
  1. Curricula Adaptation
  2. Capacity Building/Enhancement
  3. Institutionalization
  4. Networking







# Lessons Learned

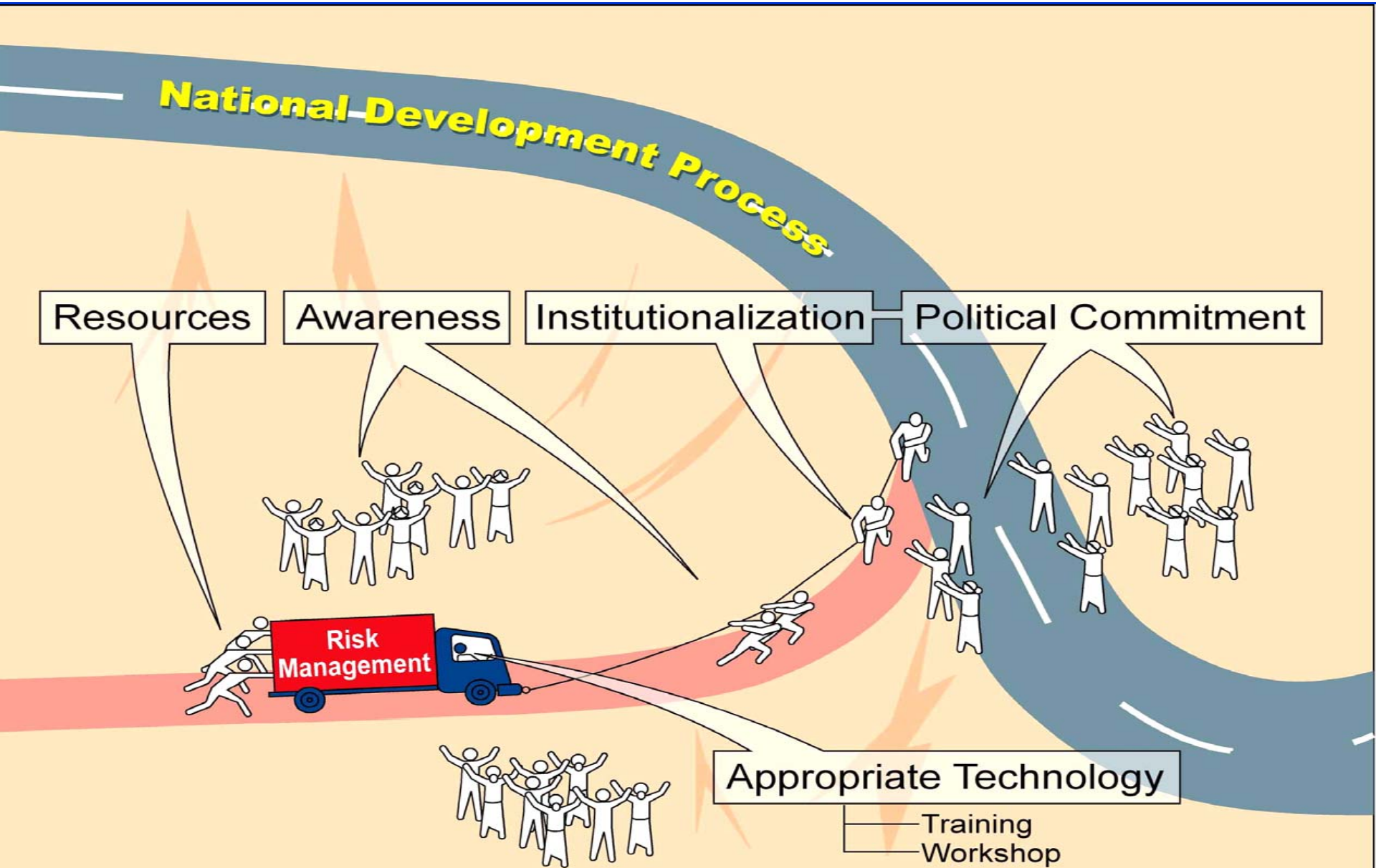
- Address preparedness at all levels
  - Central government to individual level
- Address preparedness at all sectors
- Preparedness is awareness in action
- Preparedness is translation of knowledge into action
- Preparedness Can be achieved !



# Challenges

- Program coverage – very small
  - Need to replicate to each municipality, each community and each individual level
  - Only thousands are covered – need to reach to millions
- Need regional cooperation
  - For better sharing of knowledge and experiences

# Sustainability



Thanks