



Islamic Republic of Afghanistan
Afghanistan National Disaster Management Authority

Disaster Management System in Afghanistan
Good Practices and innovations in managing the
specific disaster risk in Afghanistan

Afghanistan Delegation

Date: 30 October, 2017

Country Risk Profile

- **Afghanistan is prone to natural disasters:**

- **Earthquakes**
- **Flooding**
- **Droughts**
- **Landslides**
- **Avalanches and**
- **Sandstorms**

- **Afghanistan is prone to Man-made disasters:**

- **conflicts**
- **IDPs**
- **Plane crash**
- **Traffic incidence**
- **Fires**
- **Attacks, war...**

Country Risk Profile

- **Located in an area of high-seismic activity,**
- **Earthquakes are frequent in the north and northeast regions that trigger *landslides***
- **Extreme climate and harsh geo-physical conditions**
- **Widespread poverty and underdevelopment**

Country Risk Profile

- **Climate change and Environmental Degradation**
- **More than three decades of conflict has caused huge human loss, resulted in:**
 - **More than 5 million refugees,**
 - **Infrastructure damage, and**
 - **Slow developmental progress**

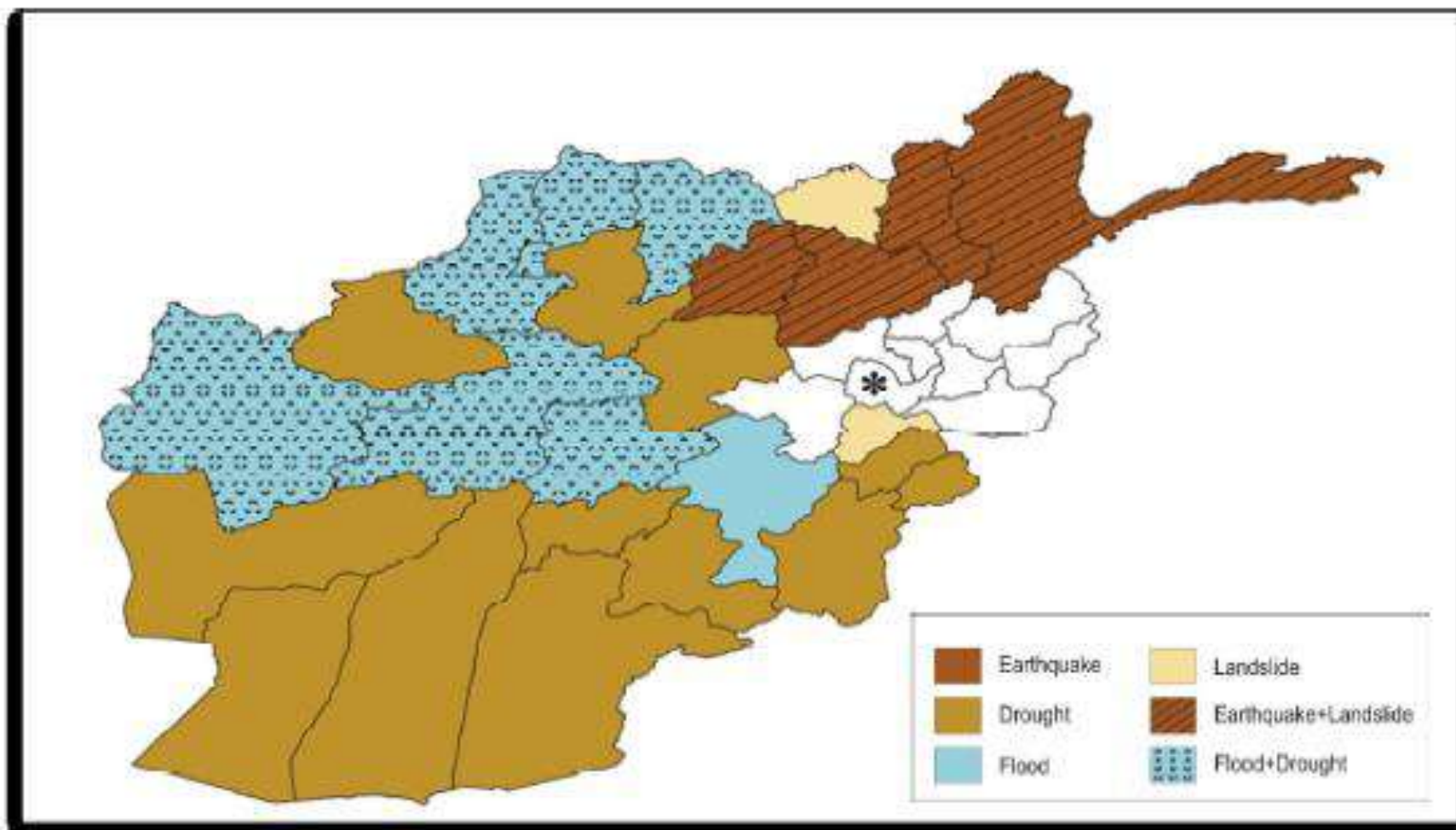


Figure 2 : High hazard vulnerability provinces of Afghanistan

Country Risk Profile

- **Between 1980 – 2010 around 130 large events of disaster occurred that resulted:**
 - **Death toll: 19,655 and**
 - **Affected more than 7.5 million people**
- **Extensive conflicts increased vulnerability and a decreased coping mechanism at the community level**

National Hazard Maps

Flood



Earthquake



Landslide



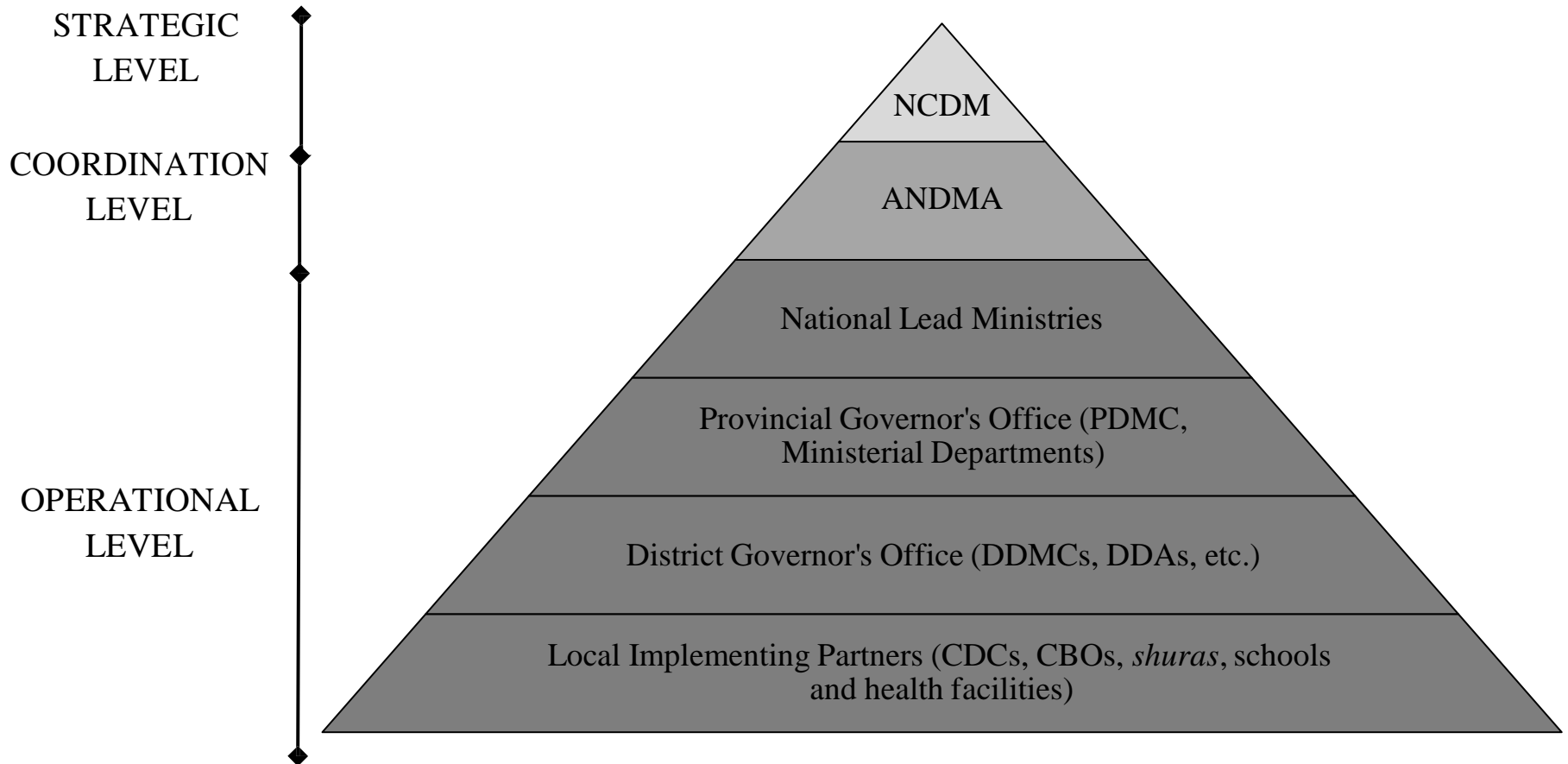
Drought



Avalanche



Afghan Government Disaster Management structure



Multi - Stakeholders

**Academia -
Universities**

**Civil Society –
Religious, media
communities**

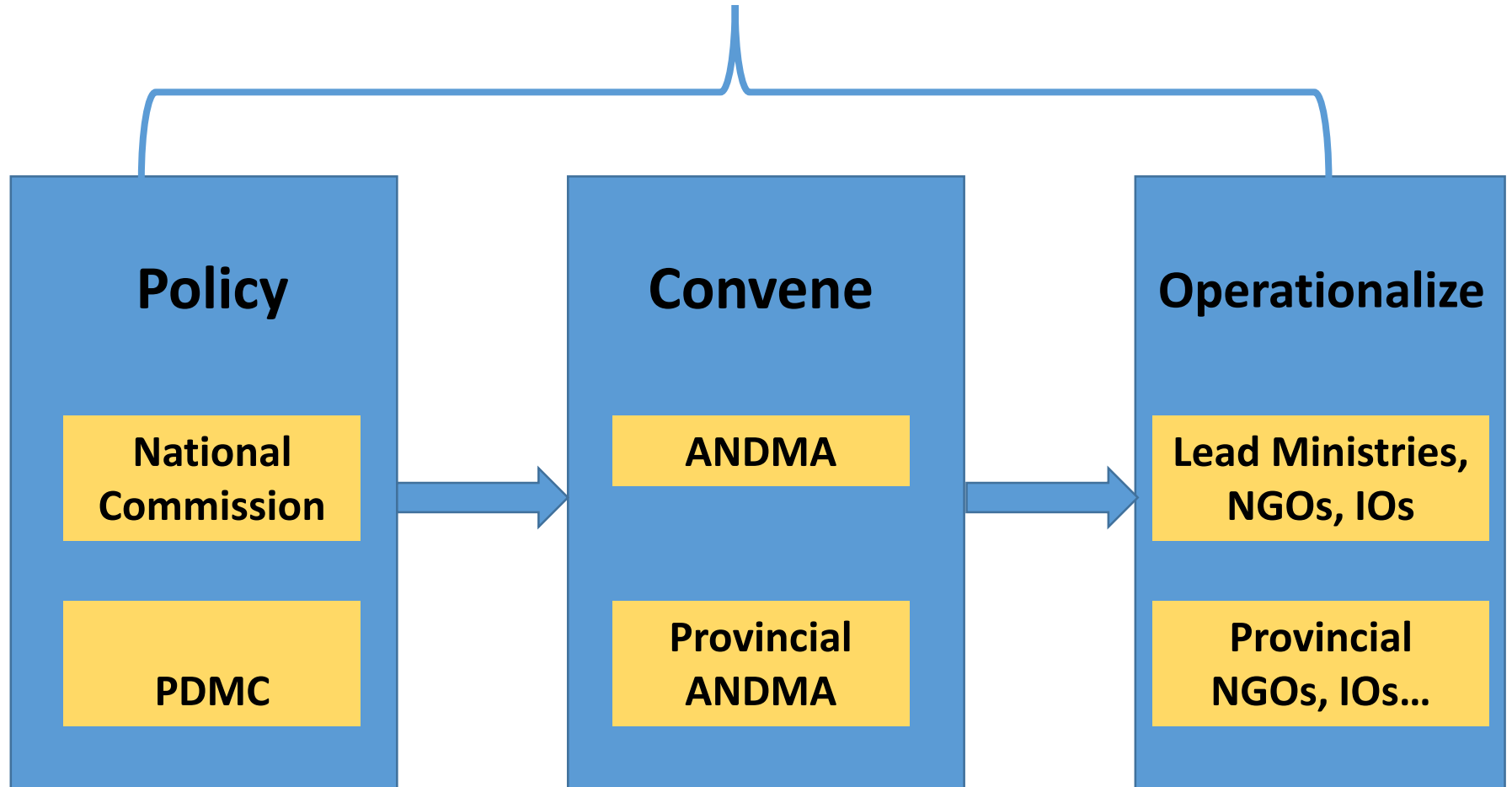
And NGOs

**Gov.- Ministries
and Agencies**

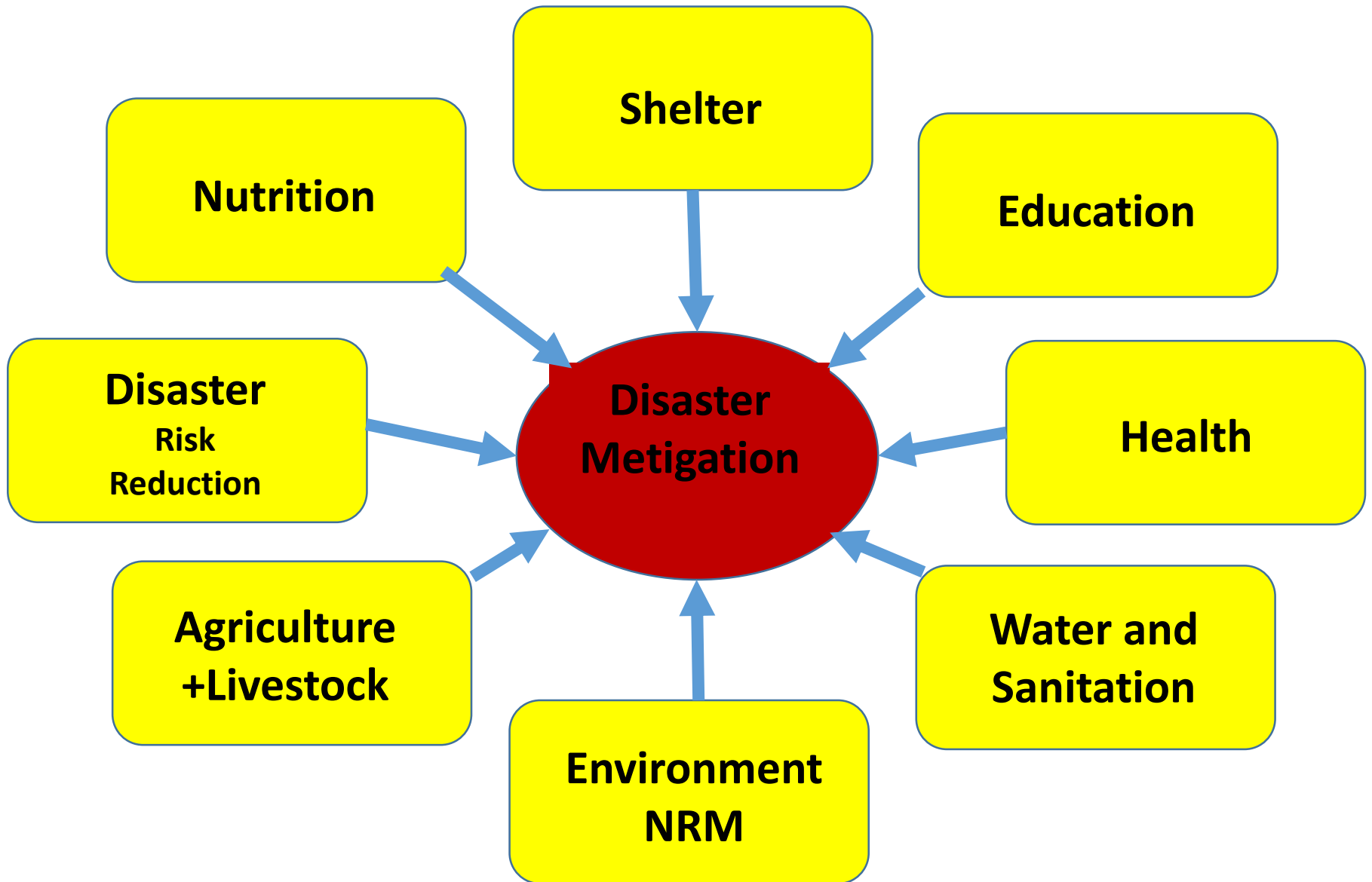
**Organizations –
UN and Donors**

**Regional
Organizations**

Coordination Mechanism



Cluster System



Available policy documents

- Disaster Management Law and policy
- Climate Change adaptation policy
- Environmental protection law and policy
- Preventing forest cutting and greening policy
- Disaster Management, response, warehouse management SOP

Innovation and Good practices

Innovation in DRR: DRR and Climate Change Adaptation- Pilot Project

- **Community Based Climate Change Adaptation Project being implemented by ANDMA and Aga Khan Development Network.**

Interventions

- Conducted Community Based Climate Change Adaptation study in project location to understand community perception about Climate Change and local adaptation measures
- Scientific Remote hazards assessment was conducted
- Incorporate the risk assessment part in the development of Village Disaster Management Plan (VDMP)
- Adding the angle of climate related risk in the village and school awareness seminars

Outcome:

- Identify Mitigation projects for natural hazards with the combination of bio-engineered activities, which includes the plantations along with structural mitigation
- Establishment of weather monitoring post in the project locations to understand the localized precipitation rate
- Installation of community based early warning systems for measuring the river flooding in some of the project locations
- Preparing the mitigation materials at local level by engagement of women group in gabion weaving project to reduce economic vulnerability
- Implementing Natural Resources Management Project projects on the mountain slopes for slope stabilization and well as increase the green cover

Outcome: Retaining Wall with inclusion of plantation work



Outcome: Gabion weaving Centre by community – run by women as income generating activity



Outcome: Natural Resources Management project for slope stabilization





Thank you!

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