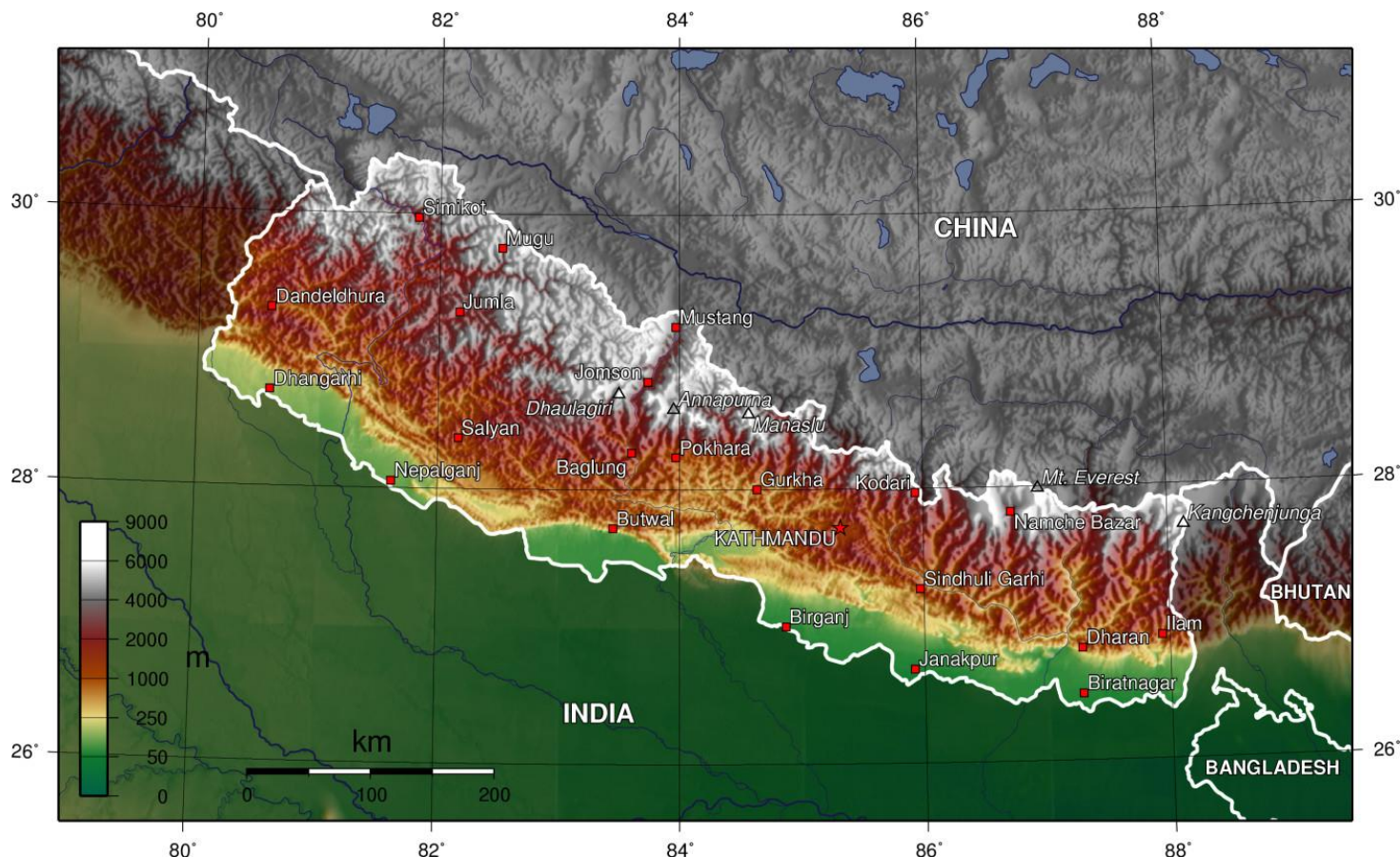
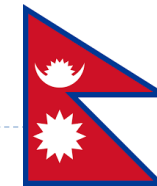
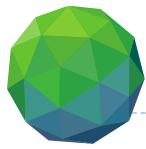


# Rapid and Sustainable Economic Growth with Climate Resilient Development in Nepal



**Punya Prasad Regmi**  
*Chief Economic Advisor, Ministry of Finance, Nepal*

- ☐ GCM models project temperature increase from 1.2°C to 5.2°C in the 2050s (2040 – 2059)
- ☐ GCM models project increase in annual precipitation by 6 to 10% across Nepal.
- ☐ Increase in extreme events by 8 to 16% across Nepal by 2040-2059 (Source: NDRI, 2016)
- ☐ Annual loss of 1.5 % to 2 % of GDP due to climate variability and extremes events
- ☐ Requires additional US\$2.4 billion of investment by 2030 to build Nepal's resilience to climate impacts. (IDS Nepal, 2014)

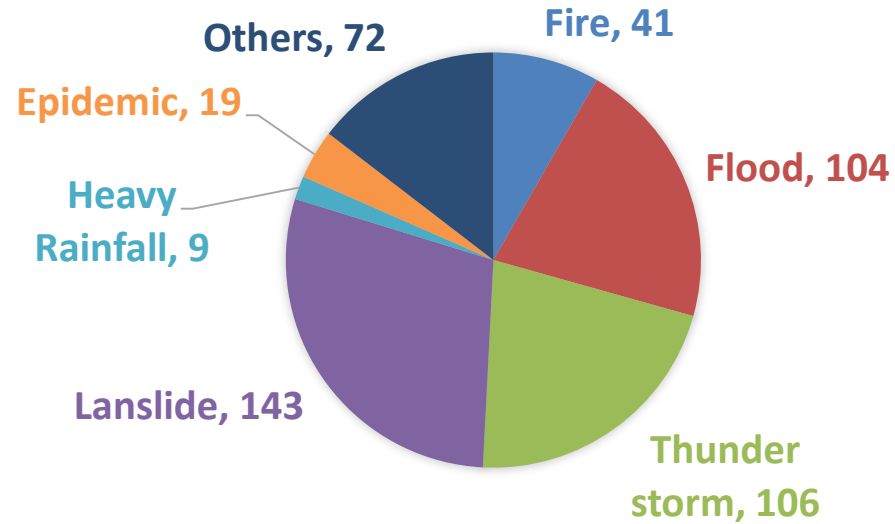


GREEN  
CLIMATE  
FUND

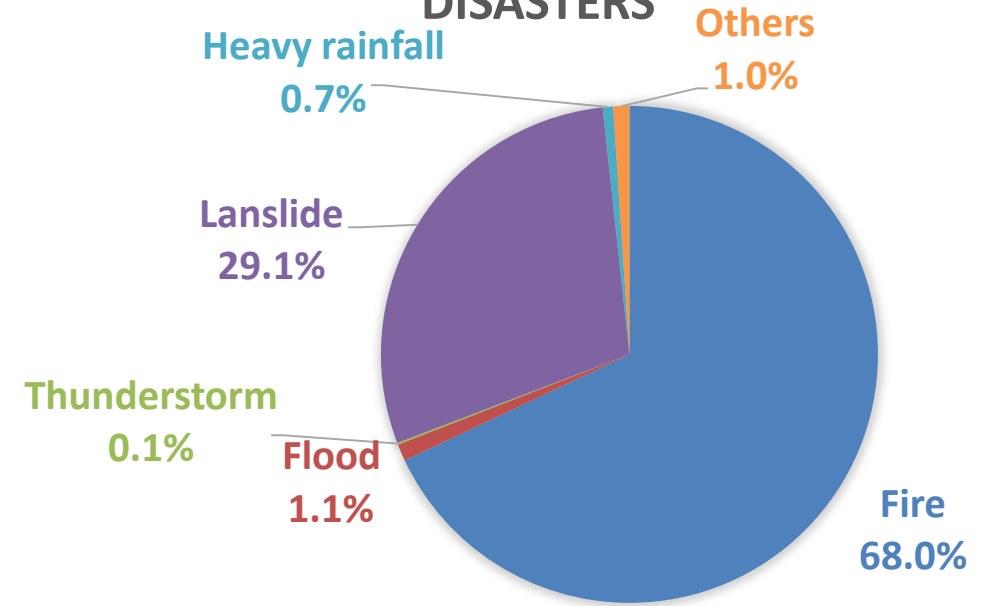
# Climate Change and Disaster



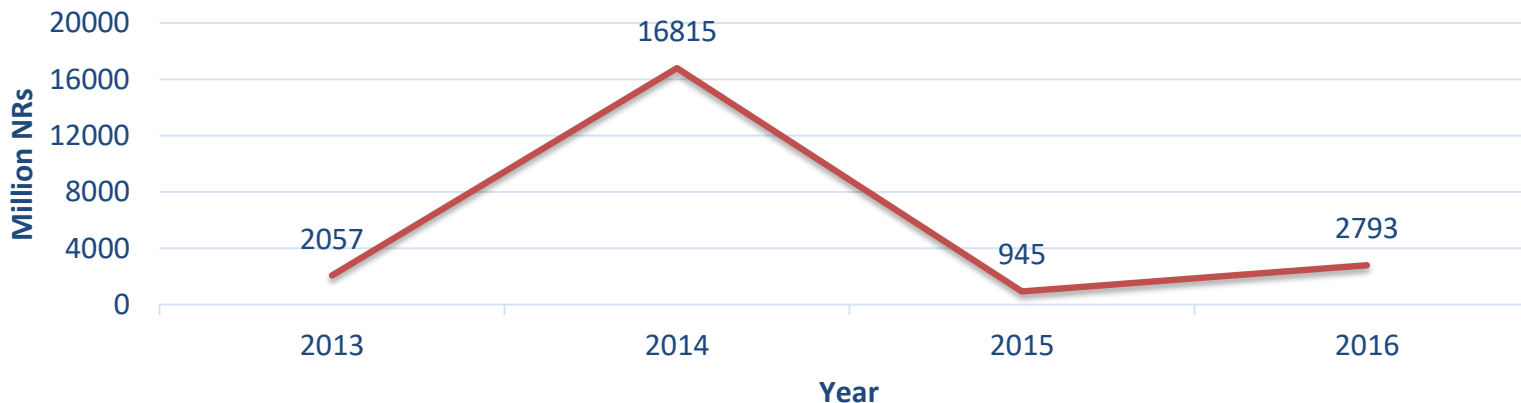
## HUMAN DEATHS IN 2016 DUE TO DISASTERS



## ECONOMIC LOSSES IN 2016 DUE TO DISASTERS



## Economic Losses due to disasters



Total losses = NRs 2793 million

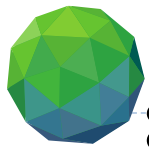
**April 2015 earthquake**

**Loss of Life = 8,896 Nos**

**Economic Loss = NRs 7,06 billion (US\$ 7 billion)**

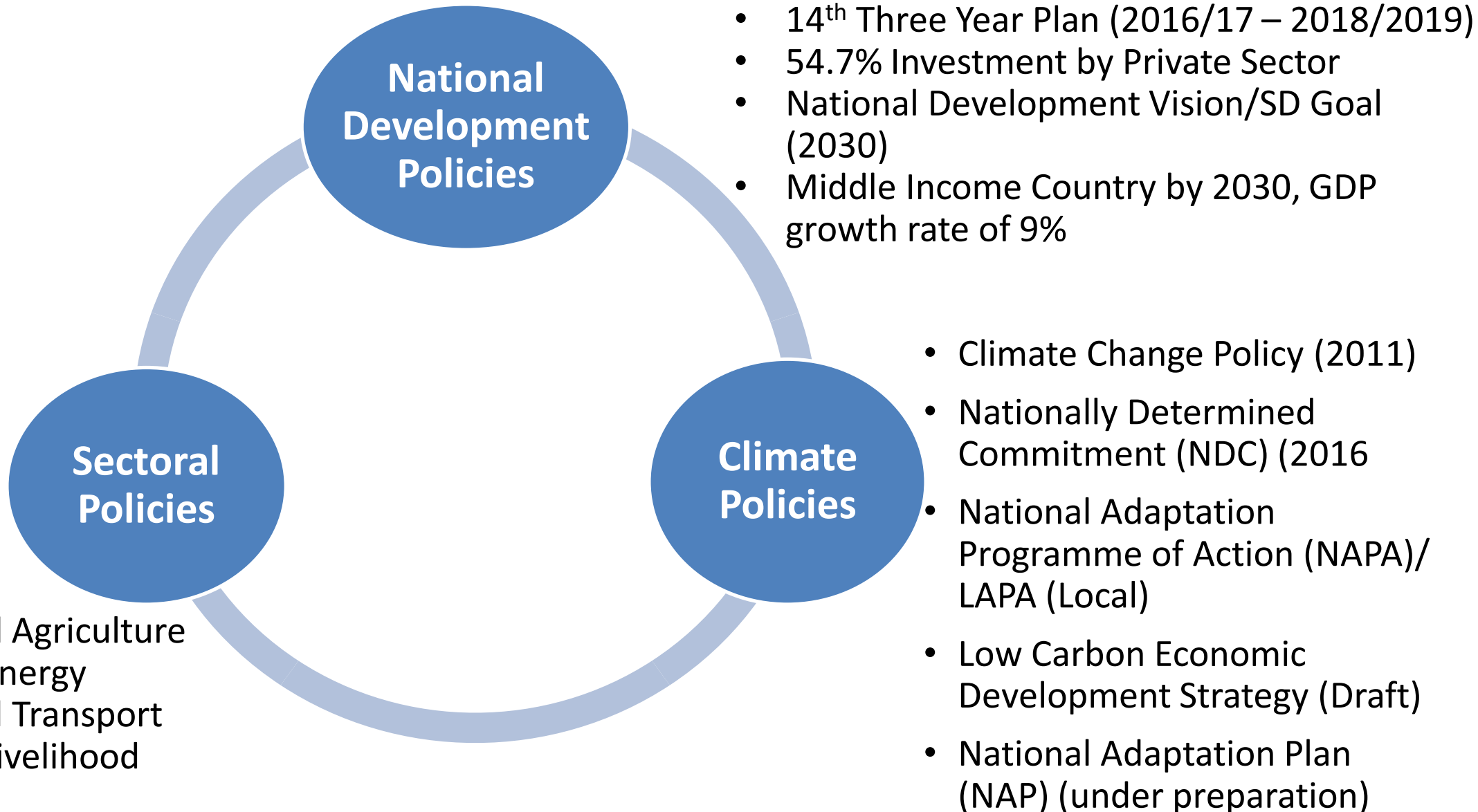
*(Source: NPC, 2015)*

Source: MoHA, 2017



GREEN  
CLIMATE  
FUND

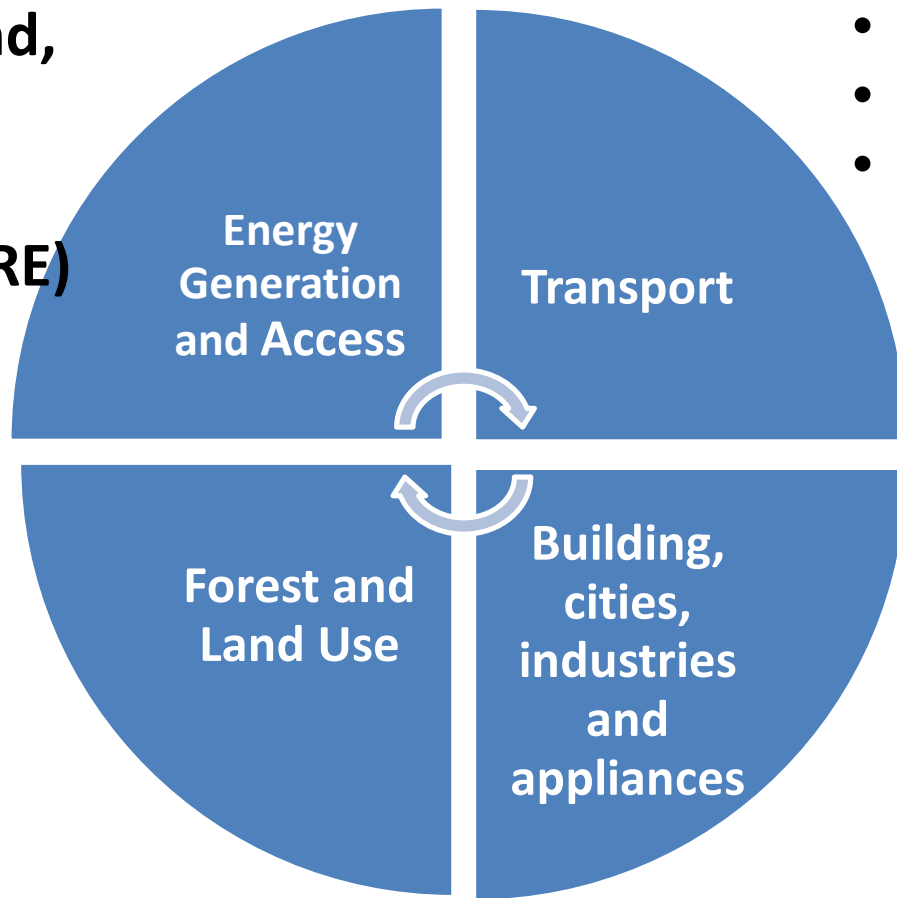
# National Priorities - NEPAL



## Mitigation Strategic Impacts- Reduced Emissions from

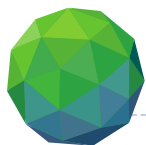
- **Priority for Renewable Energy (RE) - solar, wind, hydro**
- **Cogeneration**
- **(Target- By 2050, 80% RE)**

- **REDD+**
- **(Target- 40% forest area)**



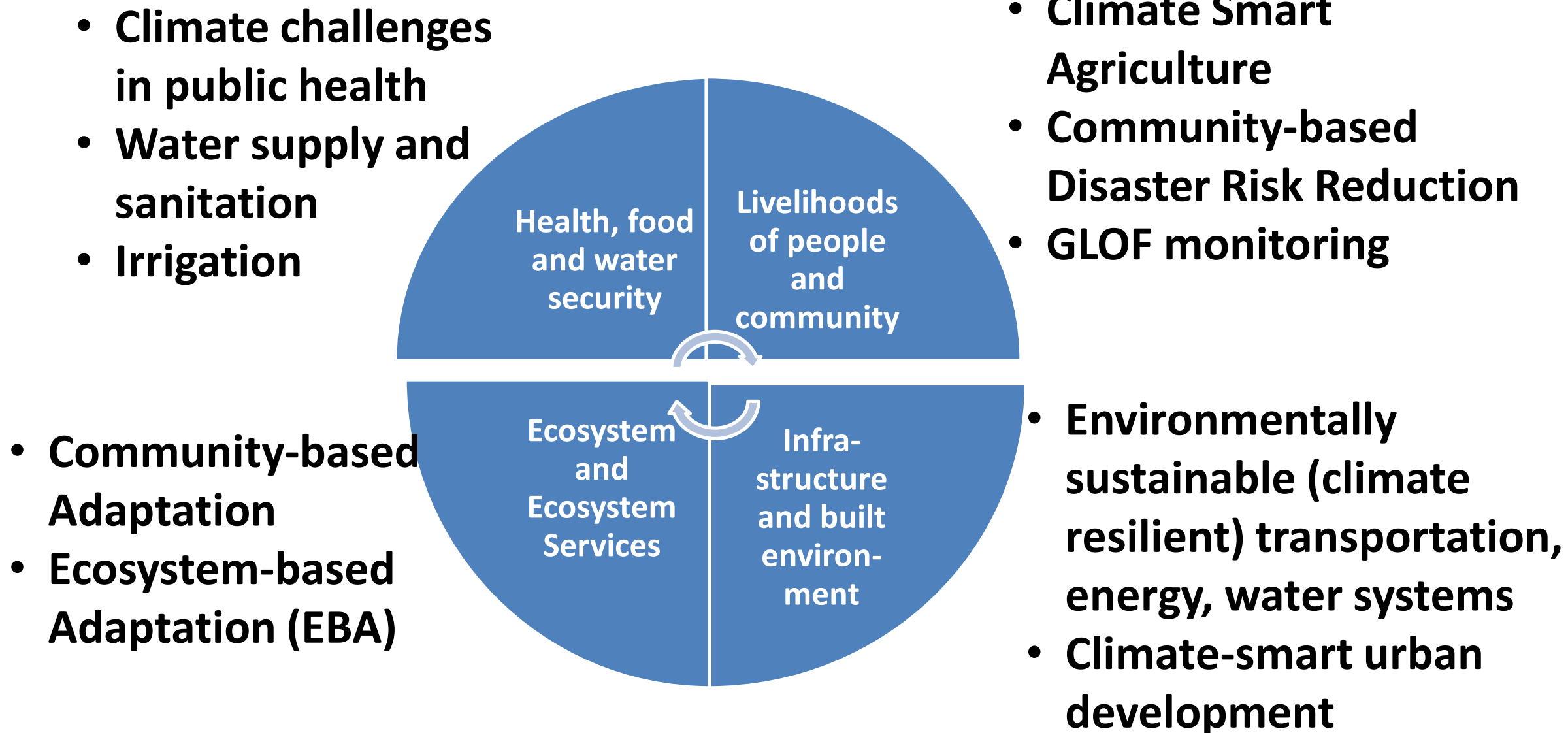
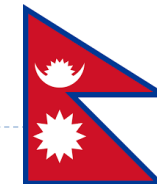
- **Kath- Terai Fast Track**
- **eRailways**
- **eBRT**
- **(Target- electric rail network for mass transport by 2040)**

- **Waste to resources**
- **Special economic zones (SEZ),**
- **Energy efficiency- industries**
  - **Fast moving consumer goods (FMCGs), Garments, Cement,**
  - **Pharmaceuticals,**
  - **Metal and metal products**

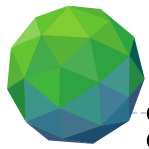


GREEN  
CLIMATE  
FUND

# Adaptation Strategic Impacts- Increased Resilience of



- **Entities currently under process for Accreditation:**
  - Alternate Energy Promotion Center (AEPC)
  - Nepal Trust for Nature Conservation (NTNC)
  
- **Potential NIEs for accreditation**
  - Agriculture Development Bank (ADBL)
  - Private Commercial / Development Banks and Financial Institutions



GREEN  
CLIMATE  
FUND



**THANK YOU !!**