

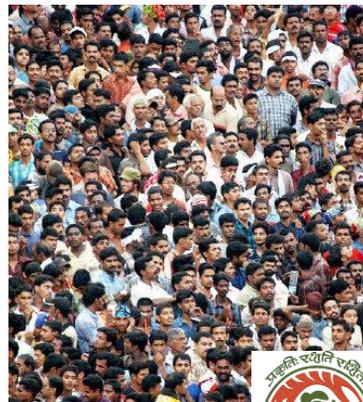
## Programme of Work on Climate Change : India

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### India

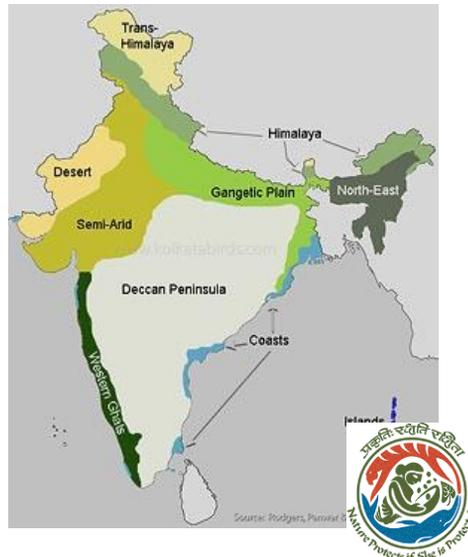
- A country of 1250 million people
- Population density of 381 persons per sq km
- Per capita forest availability of 0.06 ha, 1/10<sup>th</sup> of world average
- GDP growth rate of 7.6%p.a. since last 10 years
- Diverse people: 1600 languages with 22 listed in Constitution



## Diversity

- Ten Bio-geographic zones

Trans Himalaya	5.5
Himalaya	6.4
Gangetic Plain	10.8
Deserts	6.6
Semi Arid	18.6
Deccan Peninsula	42.0
Western Ghats	4.0
Coasts	2.5
Islands	0.3
North East	5.2





## Each one supports unique species

- Trans Himalayas: Kashmir Stag: about 150 left
- Deserts: Great Indian Bustard: about 200 birds left
- North East: Brow antlered deer: about 200 left, believed extinct in 50s
- Gangetic Plains: Gharial and Gangetic Dolphins
- Tiger everywhere: seven zones
- Storehouse of Biodiversity: the Western Ghats



## National Action Plan for Climate Change

- Has Eight Missions
- Five Adaptive, two Mitigative, one Knowledge





## National Mission for Green India

Respond to climate change by a combination of adaptation and mitigation measures, which would help :

- Enhancing carbon sinks in sustainably managed forests and other ecosystems;
- Adaptation of vulnerable species/ecosystems to the changing climate; and
- Adaptation of forest-dependant communities.



## Mission outputs

- Qualitative improvement in Forest Cover and Eco systems
- Creation of new forest cover through restoration/reforestation of degraded areas and suitable non forest areas
- Livelihood improvements for 3 mn households





## Adaptation

- Focuses on research to find out adaptation options in various ecosystems
- Incorporation thereof in State Action Plans



## Legal Framework

- A network of 670 PAs comprising of National Parks, Sanctuaries, Conservation Reserves and Community Reserves
- Establishment of Eco Sensitive Zones around the PAs
- To regulate the activities in the cushion zone of the PAs
- Strict control over diversion of forest land for non forestry uses
- Companies Act 2014





Thank you