



Process for Preparation of State Action Plan on Climate Change

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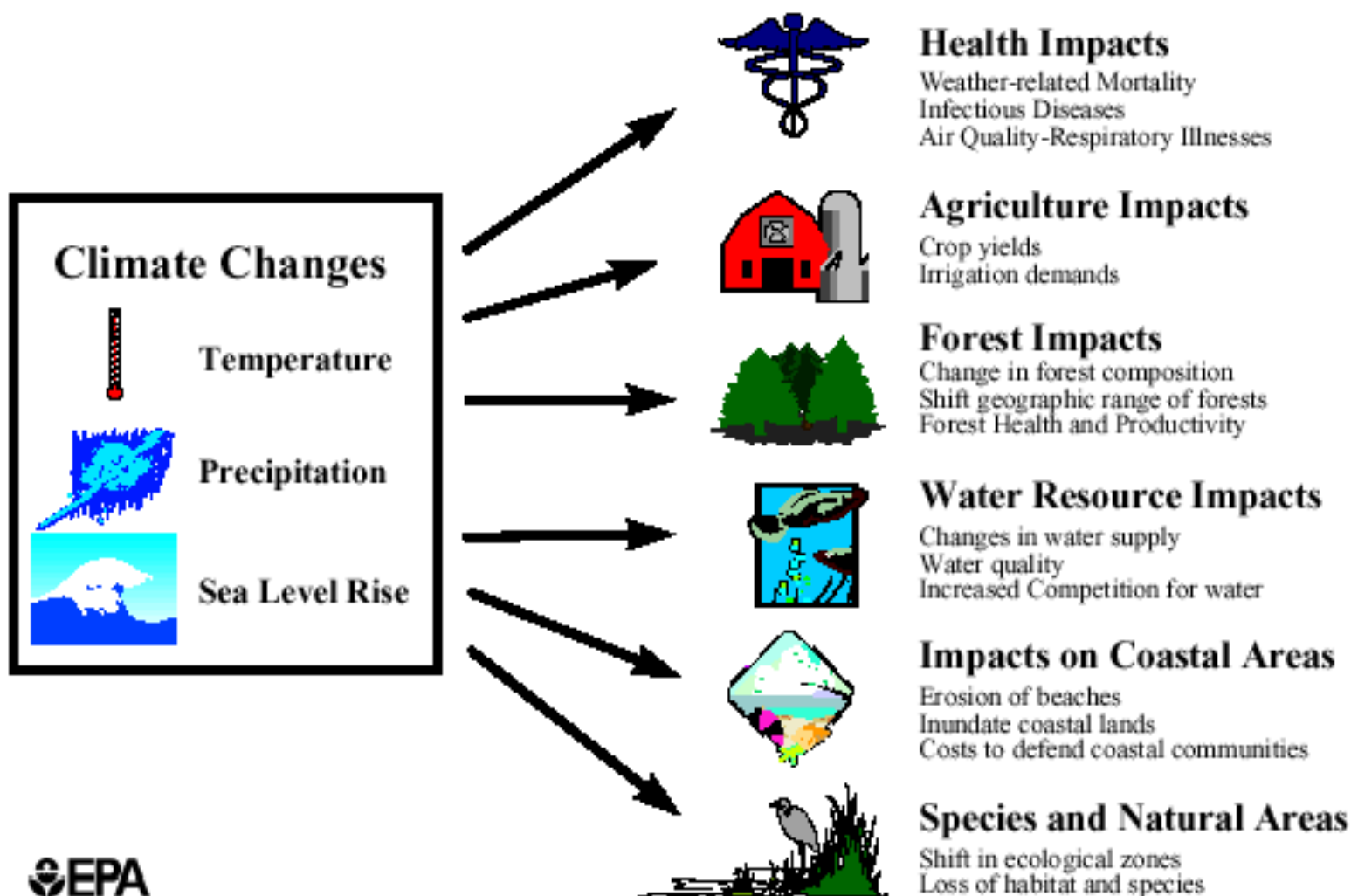


Presentation Outline

- Climate change concerns
- Introduction to MoEF – GIZ project on climate change adaptation in rural areas
- Process for the preparation of SAPCC
- Learning



Potential Climate Change Impacts

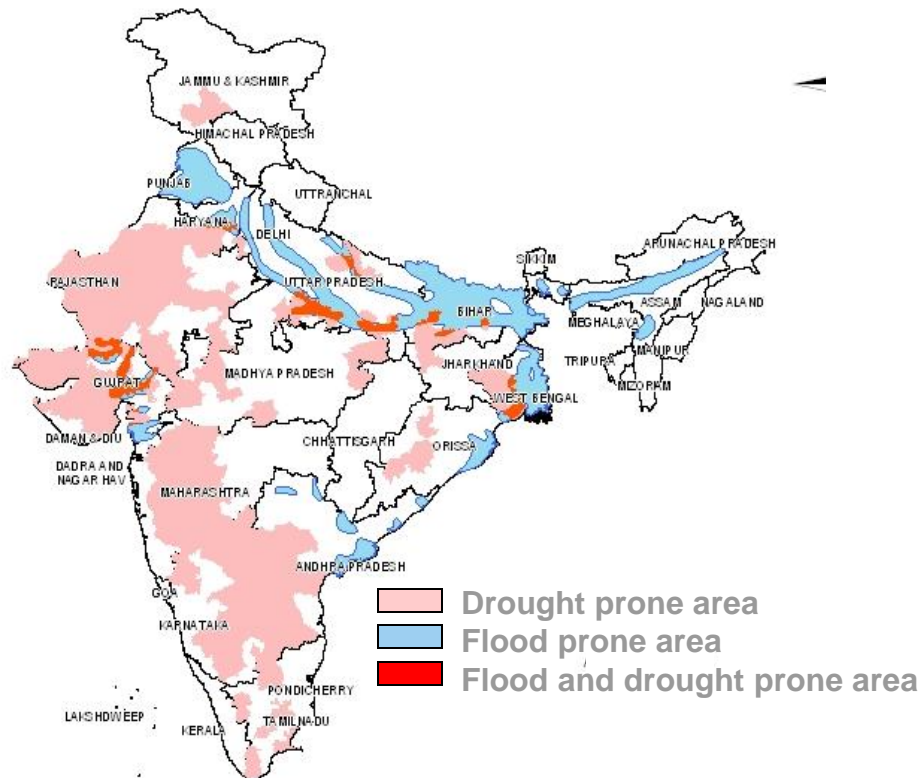




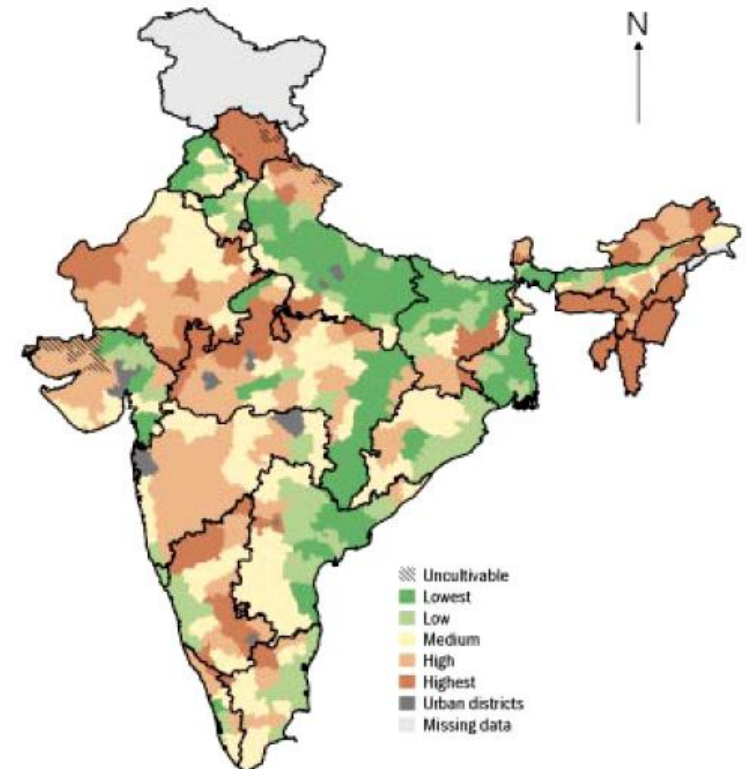
Climate Change Concerns in India

More than 65% of population depends on climate sensitive agriculture and forestry sectors

Existing threats:
60% of India is drought prone
Overuse and degradation of most ecosystems



Drought and Flood Prone Regions in India



Existing Biophysical Vulnerability, TERI 2005



Climate Change Adaptation in Rural Areas in India

- **Lead executing agency:** Ministry of Environment and Forests (MoEF), Govt. of India
- **Implementing partners:** States
- **Project duration:** 5 years, started in 2010
- **Implementing partners :** Rajasthan, Madhya Pradesh, West Bengal and Tamil Nadu



Project Components

Vulnerability and risk assessment

Support for the preparation of State Action Plan on Climate Change (SAPCC)

Identification of adaption options and pilot implementation

Climate proofing of rural development programme

Development of adaptation oriented financial instruments

Information and knowledge management for mainstreaming



SAPCC preparation

Need for SAPCC

- Create an enabling environment for the implementation of NAPCC at state level
- Address state specific priority issues
- Integrate climate change issues in the planning process
- Cross sectoral planning for integrating adaptation / mitigation interventions



SAPCC Framework

- ❑ Develop framework
 - to maintain consistency at the state level
 - to provide guidance to the stakeholders
- ❑ MoEF prepared the framework in consultation
 - GIZ
 - UNDP, DFID, ADB, World Bank & TERI etc.
- ❑ Framework was finalized during the National stakeholders workshop organized by MoEF



SAPCC Framework

Framework suggests:

- Institutional / steering structure at state level
- Common guiding principals
- Alignment with the state and national priorities
- Outline of SAPCC report



Guiding Principals for SAPCC

- ❑ State concerns are addressed and aligned with the national priorities
- ❑ Adopt a consultative process by engaging various stakeholders
- ❑ Build on the available climate change science, information and best practices
- ❑ Outline the adaptation / mitigation issues to be addressed till 13th Plan
- ❑ Estimate the additional resources required for the implementation of identified options (adaptation / mitigation)
- ❑ Integrate adaptation / mitigation options into the state planning process
- ❑ Should be seen as a living document
 - May not be able to address whole array of measures
 - To reflect the changes and developments at the national, state and local levels



Proposed Steering Structure

State Steering Committee

- Under the chairmanship of Chief Secretary
- Senior policy planners at the state level
- Senior scientists and experts

Guidance on:

- overall development of SAPCC
- identifying adaptation/mitigation strategies
- Integrating adaptation/mitigation strategies in the planning process
- Designing monitoring and evaluation criteria



Planning Process at the State Level

Establish multidisciplinary teams for sector/mission

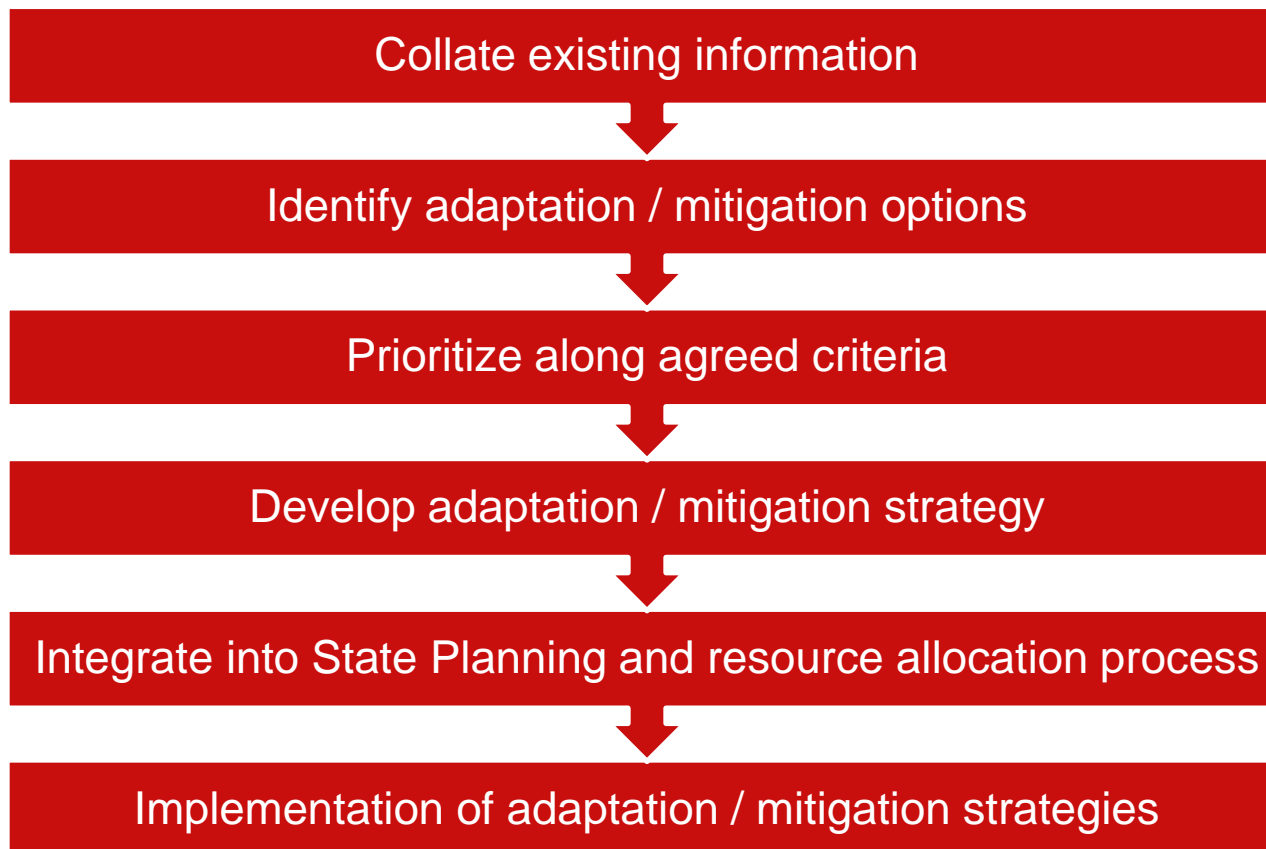
- Identify lead department / institution
- Mitigation or adaptation expert(s)
- National expert(s)
- Expert(s) on finance and investments (preferably from the planning or finance ministry);
- Expert(s) from relevant NGOs or academic institutions
- Expert(s) from the private sector

Role of each working sector / mission team

- Assess information availability and needs
- Define state objectives in line with the NAPCC
- Identify the relevant NAPCC mission and the state specific issues
- Lead institution / department for sector/mission



Proposed flow of activities





Proposed Contents of SAPCC

- ❑ Introduction
- ❑ Key Environmental Issues
- ❑ Impacts of climate change and vulnerability assessment
- ❑ On going programme/s contributing to adaptation / mitigation
- ❑ Climate change strategy and action plan



Proposed Outline

Climate change strategy and action plan

- Adaptation and mitigation strategies under the each mission / sector
- Identify additional issues which are specific to the states
- Prioritised adaptation / mitigation options under each mission
- Targets to implement these options
- Cost estimates of these additional and new adaptation/mitigation measures
- Institutional arrangement to implement these measures
- Indicators for monitoring and feedback mechanism for the effective implementation
- Knowledge gaps and future research requirements



GLZ role in preparation of SAPCC

- ❑ Inputs to the preparation of SAPCC framework
- ❑ Supporting 15 states and 2 UT
- ❑ Liaison with state governments
- ❑ Facilitate process for
 - Explaining SAPCC framework to state governments and consulting companies
 - Formulation of steering structure
 - Identifying state specific issues
 - Support for inception workshops and technical discussions



States supported by GLZ

North Eastern Region

- Arunachal Pradesh, Assam, Sikkim, Meghalaya, Mizoram, Manipur
Nagaland, Tripura

Northern Region

- Punjab, Haryana, Uttar Pradesh, Jammu and Kashmir, Rajasthan

Western Region

- Gujarat

Southern Region

- Tamil Nadu

Eastern Region

- West Bengal

Union Territories

- Dadra Nagar & Haveli
- Daman & Diu



Learning

- Enhanced awareness of climate change issues at state level
- Consultative process
- Consistency among various state plans
- Ownership by state governments
- Alignment with National Action Plan on Climate Change
- Lack of scientific information – climate models
- Costing of adaptation interventions
- Knowledge of consulting companies



THANK YOU FOR YOUR ATTENTION !

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