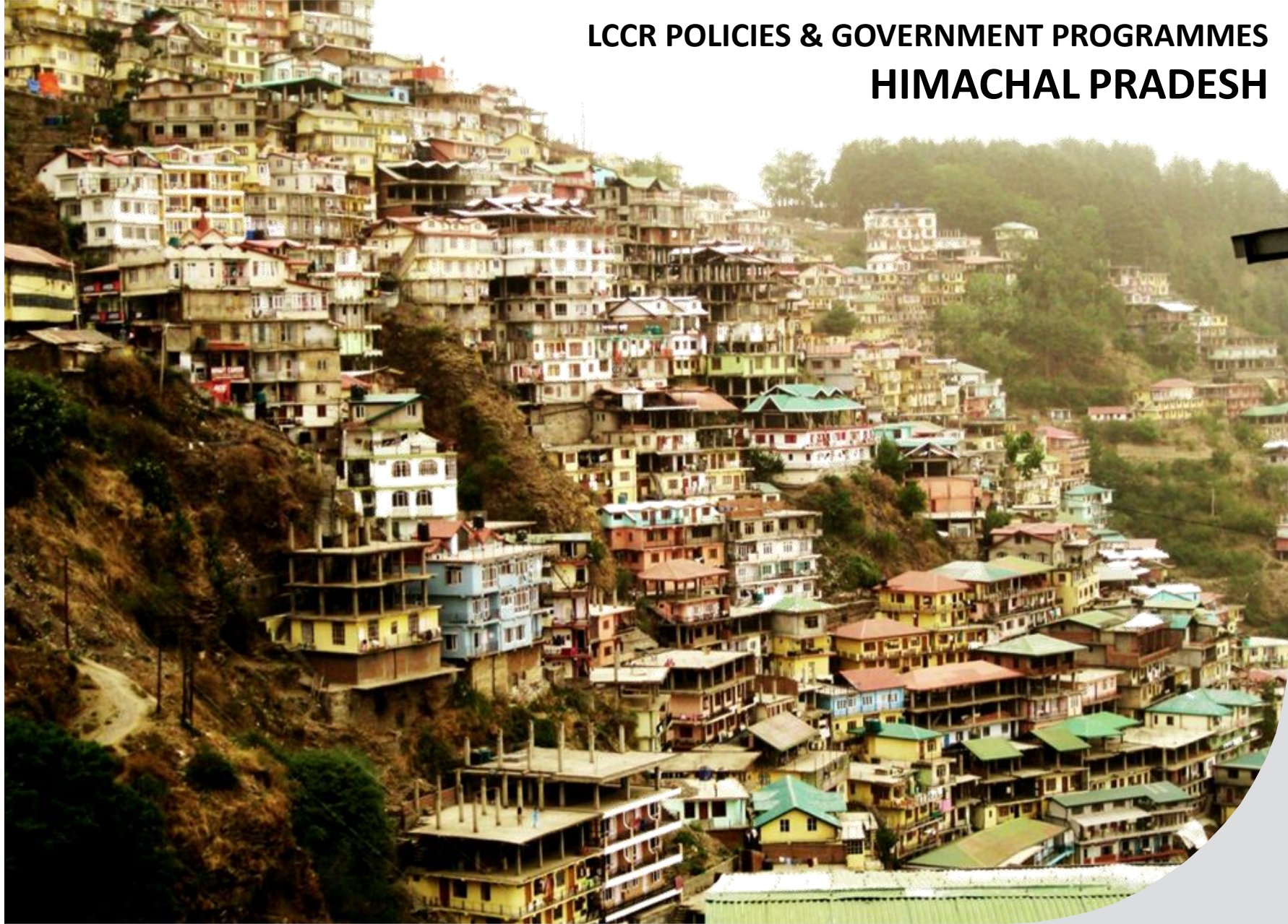


LCCR POLICIES & GOVERNMENT PROGRAMMES HIMACHAL PRADESH



Existing Policy Context

There is a growing understanding on the importance of adopting LCCR strategies.

National Action plan on Climate Change (NAPCC)

The NAPCC charts the development course of the country in an ecologically sustainable manner.

Eight missions outline the strategies for achieving climate change adaptation and mitigation goals for the country.

Sustainable Habitats have been identified as key thrust area for these missions.

12th Five Year plan

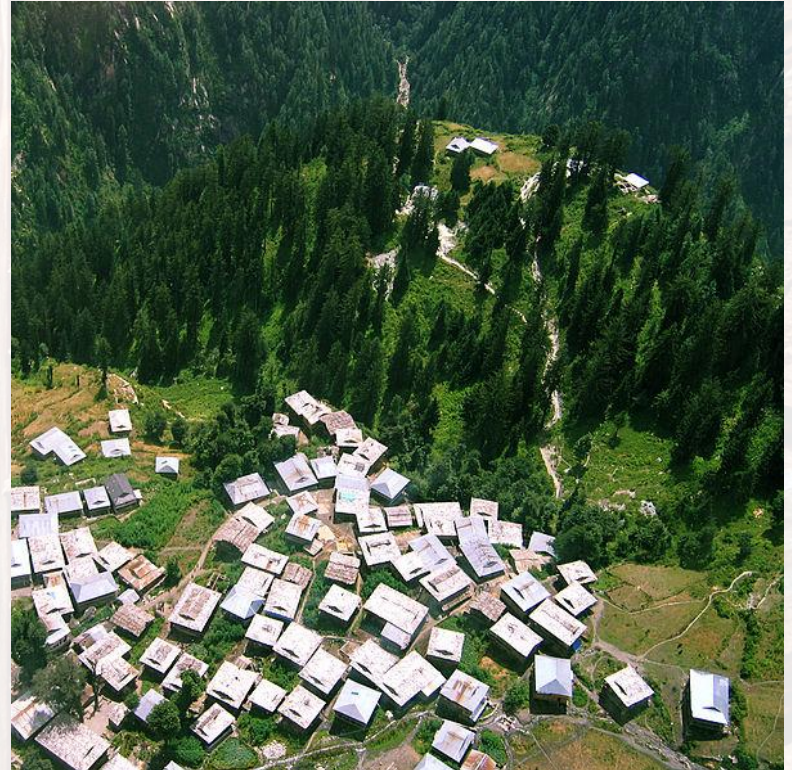
Promotes inclusive growth, for faster sustainable growth

Himachal Pradesh Initiatives

Himachal Pradesh is one of the most forward thinking states with respect to environmental concerns.

“Himachal Pradesh would be the first state in the country to be carbon-neutral by 2020 by undertaking Carbon Smart Growth.”

Chief Minister of HP,
Prof. PK Dhumal



- Following Centre's initiatives, in 2011, State Council for Science Technology & Environment (HPSCSTE), Department of Environment, Science & Technology established the **State Centre on Climate Change**.

Himachal Pradesh Initiatives

• HP Government has initiated a **Community Led Awareness, Assessment, Advocacy & Action Programme (CLAP)** in association with the DA Group. Which follows a multi-stakeholder participatory approach with the goal of mobilising community responsibility for environment protection and carbon neutrality in the state through:

- Eco-Clubs
- *Mahila Mandals*
- Panchayats
- Urban Local Bodies (ULBs)
- NGOs.



The carbon footprint of Himachal Pradesh is 1.4 tonnes CO₂ per capita in comparison to the national average of 1.57 tonnes CO₂ per capita.

Himachal Pradesh Initiatives

- The HP State advocates the market-based instrument **"payment for eco-system services"**: obtaining carbon revenues for afforestation that will be shared with the communities conserving and maintaining these lands.
- **Agreement for harnessing carbon credits** signed with The World Bank to generate revenue amounting to Rs. 20 crores for 20 years under **"Bio-Carbon Projects"** in 177 Gram Panchayats in 10 districts of the State.
- The Rs. 365 crore HP **Mid-Himalayan Watershed Project**, being co-funded by The World Bank, is the first such project in India registered for carbon credits.
- HP Government is actively **encouraging renewable energy sources**
 - Almost 22% of the State's electricity is from hydro based power plants.
 - The State Government is planning to bring out a Solar Energy Policy.
- The State Government has launched **"Atal Bijli Bachat Yojna"** to reduce energy consumption and GHG emission by distributing 4 free CFL bulbs to every household in the State.



LCCR Construction

The HPSCSTE has taken proactive steps in promoting Solar Passive design:

BRIDGING THE GAP BETWEEN POLICY, DESIGN AND EXECUTION

- **Workshops on Solar Passive Housing Technology** for both practitioners and policy makers were organized.
- As an outcome of these workshops a **Green Building Code** will be prepared for the State.
- The Government of HP and the Solar Energy Research Group of the HPSCSTE formulated a **Solar House Action Plan**:
 - HP was 1st State to take a policy decision, in 1994 , that all the Government and Semi-Government buildings are to be designed and constructed incorporating passive solar heating and natural day lighting features.
 - More than 200 passive solar buildings including offices, hospitals, schools and houses were constructed resulting in 40-60% of energy saving required for winter heating.



LCCR Construction

State Water Policy for HP:

- Lays stress on Rain Water Harvesting.

“All commercial and institutional buildings, tourist and industrial complexes, hotels, etc., existing or coming up and having a plinth area of more than 1000 sq m will have rain water storage facilities commensurate with the size of roof area.”

- State Water Policy



LCCR Construction



Separate Bamboo Policy for HP:

Recommended by The State Forest Department pertaining to the National Bamboo Mission.

- Densification of forest area under bamboo cultivation
- Promotion of bamboo production as a lucrative business for farmers.
- Use of bamboo as alternate to timber that is banned.

Other initiatives:

- Ban on plastics
- Emphasis on energy efficiency
- Promotion of local technologies for green buildings
- Emphasis on alternative models for mobility in cities to cut down pollution and congestion.

Thank you

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