



# TOWARDS CLIMATE RESPONSIVE AND LOW CARBON DEVELOPMENT:

## Addressing the Critical Urban Issues in Residential and Transport sector in Uttarakhand



### CONTEXT

The Indian Himalayan Region represents 16.2% of India's total geographical area and acts as a life-support system for millions of people in both upland and lowland area of the country. It also plays a key role in regulating the climate for much of Asia due to its diverse bio-physical and socio-cultural richness. This calls for a comprehensive analysis of the current situation, what future planning may be needed to tackle the extra development pressure and finally a set of recommendations and actions that the states and city authorities can implement and execute in the short- and medium-term to embark on this journey.

The National Mission on Himalayan Studies (NMHS) is the much-needed broad intervention in this regard. The proposed project adopts a state-specific approach in designing required interventions to support the objectives of NMHS.

### Project relevance to NMHS and National Priorities

- Foster conservation and sustainable management of natural resources
- Enhance overall economic well-being of the region
- Support building human and institutional capacities and the knowledge and policy environment in the region
- Strengthen development of climate-resilient core infrastructure and basic services assets
- Support national priorities like Sustainable Development Goals (SDG) and Nationally Determined Contributions (NDC) under the Paris Agreement

### PROJECT OBJECTIVES



#### Urban Transport

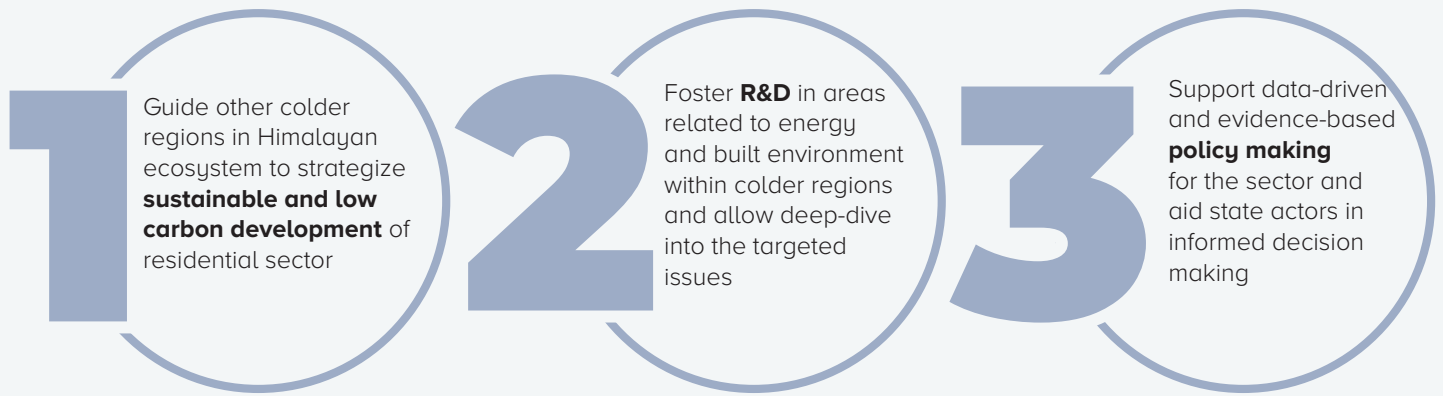
- Support in the decision making of the concerned authority in Uttarakhand regarding deployment of electric buses for public transport on specific intra-city or inter-city routes;
- Support in building institutional capacity of relevant state actors in Uttarakhand with regard to implementation of electric mobility in the state.



#### Urban Residential Sector

- Development of residential building guideline/ roadmap with focus on occupants' comfort and energy optimisation;
- Support demonstration projects through concurrence with development authorities/ developers by integrating guidelines recommendations;
- Facilitating workshops/ campaigns/ road shows to sensitize government officials and occupants.

## ENVISAGED OUTCOME



## TIMELINE



AEEE is supporting MoEF&CC and GBPNISHED by creating a science-policy-practice connect through a network of policy makers and practitioners (individual and institutions) engaged in working solutions to problems in the thematic areas. AEEE is also supporting in demonstrate workable/implementable/replicable solutions to the problems in the urban residential and urban transport sector. The project would also support national priorities like Sustainable Development Goals (SDG) and Nationally Determined Contributions (NDC) under the Paris Agreement.

### In Partnership with



### Supported by



## ABOUT AEEE

AEEE is a policy advocacy and energy efficiency (EE) market enabler with a not-for-profit motive. It is the only organization in India that works on creating awareness about energy efficiency as a resource. It advocates for data-driven, evidence-based EE policies that will unleash innovation and entrepreneurship within the country to create an energy-efficient economy. Through incisive activities, AEEE's mission is to be a partner in India's transformation into a global leader in the field of energy efficiency, and shape India as one of the most attractive markets for companies with the best available energy-efficient technologies.

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