

Develop a low carbon development pathway for the State of Bihar

Bihar, in recent years, has been one of the fastest growing economies in the country with a growth rate of 14.48% in 2012-13 which is way above the national average. It is moving away from agriculture and is investing more in industry and infrastructure and service sector, Such a developmental paradigm is likely to be emission intensive. However, a low carbon development without compromising on the State's inclusive developmental aspirations is possible, if right technologies are chosen and implemented in an enabling environment. The Department of Environment and Forest, Government of Bihar, which is preparing the Bihar State Action Plan for Climate Change(SAPCC), has expressed interest in understanding the pros and cons of alternative pathways through which a low carbon inclusive growth can be planned and sustained in the future in the state. The proposed study is, therefore, aimed towards evolving policy packages that can also be integrated in the SAPCC of Bihar and, thus, facilitate formulating a roadmap for a low carbon inclusive development in the state.

Intercooperation has received a contract from Climate Works Foundation for 'Developing a low carbon development pathway for the state of Bihar'. The duration of the project is September 2013 to June 2014.

Goals:

Intercooperation will be suggesting packages of measures/actions that enables the state of Bihar to pursue a low Carbon path while it aggressively pursues its growth and development agenda. The packages will map implementable cost effective and feasible alternative low C technologies for different sectors along with policy options and assess other requirements including capacity development for creation of an enabling environment for pursuing a low C developmental path.

The objectives could be listed as following:

1. Assess the greenhouse gas (GHG) emission trends and develop a Base line GHG emission scenario for the state for various sectors such as Energy, Transport, Industry, Agriculture, Land Use Land Use Change and Forestry and Waste management.
2. Identify and prioritize the potential abatement technologies in these sectors
3. Form a Business As Usual (BAU) and a low carbon growth story line/scenario

Interventions:

GHG emission trends and base line estimates will be made using IPCC methodologies, with activity data from government publication and published relevant emission factors, which will be vetted by relevant departments.

Low carbon technologies will be identified in consultation with concerned departments and other key experts. The mitigation potential and corresponding abatement costs or savings will be estimated for all the identified technologies.



A multi criteria approach will be developed in consultation with all stakeholders concerned to choose the most feasible technologies for all the sectors. A package for each of the selected low carbon mitigation options will be developed and each package will contain a description of the technology, its mitigation potential, its deployment timeline, institutional framework, policy environment requirement, cost of mitigation and any other relevant criteria. A development scenario for Bihar upto 2035 will be drawn up in consultation with all stakeholders concerned such as planners, policy makers, think tanks, universities, technical institutions, and others.

The selected low carbon technologies will be integrated in the development scenario thus drawn, and corresponding low carbon emission scenario will be estimated for the year upto 2035.

Achievements:

This is an ongoing project

Main Partners:

Shakti Foundation

Donor:

Climate Works, USA

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