

Green National Highways Corridor Project

2020 - PRESENT

World Bank

India

NATURE BASED SOLUTIONS

grassland and other vegetation

The development objective of Green National Highways Corridor Project for India is to demonstrate safe and green National Highway corridors in selected States and enhance the institutional capacity of the Ministry of Road Transport and Highways in mainstreaming safety and green technologies. This project has three components. 1) The first component, Green Highway Corridor Improvement and Maintenance, includes upgradation and maintenance for five years of about seven hundred and eighty three kilometers of selected existing National Highways in the states of Rajasthan, Himachal Pradesh, Uttar Pradesh and Andhra Pradesh incorporating green technologies and demonstrating resource efficiency, climate resilience, green and safety aspects. 2) The second component, Institutional Capacity Enhancement, has the following subcomponents: (i) Development and implementation of a Climate Adaptation Policy and guidelines and mainstreaming climate resilience in National Highways design and construction processes; (ii) Development and implementation of policy for reducing emissions from transport services; (iii) Research and Development and mainstreaming green technologies in National Highways design and construction processes; (iv) Development and implementation of guidelines and model documents for mainstreaming safety and green technologies; (v) Mainstreaming safety and green technologies in the development of highways; and (vi) Implementing Enterprise Resource Planning (ERP) solution in Ministry of Road Transport and Highways (MoRTH) and its implementing agencies. 3) The third

component, Road Safety, has the following subcomponents: (i) Support to improve road safety data analytics and highway safety monitoring and implementation; (ii) Support for operationalization of the National Road Safety Board; (iii) Strengthening highway patrol and emergency response along the project highways; and (iv) Capacity building and training. The project will ensure that constructed highways incorporate bio-engineering solutions that have a net positive benefit for the environment, and provide climate resilience benefits to the roads.

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<https://projects.worldbank.org/en/projects-operations/project-detail/P167350>

INTERVENTION

Hybrid

HAZARD

landslides & erosion

SCALE

Regional

RISK REDUCTION BENEFITS

carbon sequestration, reduce flood risk, erosion control and slope stabilization

DONORS

IBRD

EST. MONETARY COST

(TODAY'S US\$)

423.95

EST MONETARY BENEFITS

Unknown
