

# Himachal Pradesh State Roads Transformation Project

2020 - 2026

**World Bank**

India

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## NATURE BASED SOLUTIONS

grassland and other vegetation

The measures to be integrated in the designs of bridges, roads and river crossings include bioengineering solutions for landslide and erosion protection, drainage systems, and so on. The resilience mainstreaming applies to the entire road under the upgradation works contract, as the road alignment falls in the midst of the Himalayan mountains. The bioengineering solutions and drainage improvement in slide risk locations apply to the roads under maintenance as well.

## LEARN MORE

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### INTERVENTION

Hybrid

### HAZARD

landslides & erosion

### SCALE

Regional

## RISK REDUCTION BENEFITS

reduced loss of transport infrastructure, socio-economic status improvement for women or vulnerable groups

## DONORS

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**EST. MONETARY COST**  
(TODAY'S US\$)

**72**

**EST MONETARY BENEFITS**

**Unknown**

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