

Celebrating success

IndiaRAP

UN Decade of Action for Road Safety
Case Study 3



Investments to improve many of India's roads have been locked into ongoing and planned upgrades worth more than US\$5.4 billion.

Government agencies across India are investing in safer road infrastructure with the help of the World Bank, Bloomberg Philanthropies and iRAP.

Key achievements

Since 2010, IndiaRAP has driven major policy, road upgrade and public health outcomes including:

- iRAP Star Ratings and Safer Road Investment Plans have been used in World Bank funded projects across 10 states to assess road user risk, improve the safety of proposed road upgrades and build local road safety capacity.
- Star rating of 10,500km of existing roads.
- Use of iRAP Star Ratings to inform safe road design by several state Public Works Departments including Assam, Gujarat, Karnataka, Kerala, Rajasthan, Tamil Nadu and Uttar Pradesh. By measuring the impact on crash risk of various road design options, new roads are being built to minimum 3-star standard that saves lives.
- Post-construction assessments undertaken on roads upgraded with World Bank finance, including road safety demonstration corridors in Karnataka and Gujarat. In addition, 3,800km of the highest risk roads from Delhi-Mumbai-Chennai are currently being assessed, along with a further project on the Delhi-Chandigarh road.
- The Rajasthan Government is undertaking statewide assessments and the Government of Andhra Pradesh has an aspirational target for 4-star roads by 2025.

Saving lives into the future

- Discussions are underway to build a full IndiaRAP programme with local leadership, local research expertise and local energy to share experience and success across the whole country.
- A Road Safety Centre of Excellence is under development to guide policy and action across all 5 pillars of the UN Decade of Action.

- The IndiaRAP / AusRAP twinning agreement is up and running with a senior VicRoads engineer deployed to work with iRAP in India and connect road safety experts between the two countries.

For more information

Luke Rogers, Senior Road Safety Engineer, iRAP

Email: luke.rogers@irap.org

TIMELINE FOR SUCCESS

- 2010 First project: Assessment of 'Safer Greener Highway Pilot' NH-1 Delhi to Panipat, with National Highway Authority of India (NHAI)
- 2011 World Bank (WB) GRSF and Bloomberg Philanthropic support for India '4 states' project: Assessment of safety of 3,000km of state highway and building of local capacity in Andhra Pradesh, Assam, Gujarat and Karnataka
- 2012 Star Rating of road designs used for first time: Karnataka, Assam and Gujarat
- 2013 Assessments in Kerala and Rajasthan plus additional surveys in Andhra Pradesh, Gujarat and Karnataka
- 2014 Local road safety engineer joins team to support IndiaRAP outcomes and Uttar Pradesh and Tamil Nadu assessments
- 2015 Bloomberg Initiative for Global Road Safety support leads to urban assessments in Mumbai. IndiaRAP Workshop hosted and builds local road safety capacity.
- 2016 Partnership with WB and NHAI to assess safety on Golden Quadrilateral. Agreement with NHAI to assess Panipat-Chandigarh national highway.
- 2017 Local IndiaRAP Programme planning begins



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