



**IRF WORLD ROAD
MEETING 2017**

/ 14-17 NOVEMBER / DELHI / INDIA /

Road Safety: Context, Barriers, and Solutions

(World Bank Special Session)

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THE CHALLENGE and CONTEXT

We all know the challenge in deaths and injuries:

- 90 percent of those killed are in LMICs
- Its not improving

Context

- Rapid urbanization
- Insufficient resourcing for road safety with limited resources commonly expended sub-optimally
- “Competing” agenda and synergies: the Global Mobility Report

CONTEXT: SUSTAINABLE MOBILITY AS A VIEW OF GEOGRAPHY

We have much more connecting us than separating us

- Less than 0.5 million km of borders, and many of those are not detectable now
- 1 million km Internet cable plus non-cable connectivity
- 4 million km rail
- 64 million km road: Road safety is the core safety issue in the world of connectivity



Blockages

In my talk earlier today I described 7 challenges:

Blockage 1: Inadequate data to drive the right solutions and allow more powerful advocacy

Blockage 2: Insufficient attempts by road safety to capture synergies with other global issues and thus leverage the support they enjoy

Blockage 3: Insufficient focus on speed management as a key solution

Blockage 4: Technically wrong solutions (such as barriers the wrong side of lethal poles from which people should be protected)

Blockage 5: Sub-optimal uses of funding. There is a lack of political accountability due to insufficient power of advocacy.

Blockage 6: Vision zero is not used well in LMICs. It may inform actions, but is it an effective relevant advocacy tool?

Blockage 7: Reliance on ineffective behaviour change interventions: weak enforcement and over-reliance on politically easy education.

Taking India as an example: INDIA ACCOUNTS FOR ABOUT 10% OF THE GLOBAL ROAD FATALITIES



146,133



KILLED
(Under-estimate?)

500,279



INJURED

Example Solutions: WORLD BANK'S INITIATIVES in INDIA



Support at the National Level

Extended knowledge and technical support to the Ministry of Road Transport & Highways on improving road safety legislation



Support at the State Level

- Road Safety Component integral to all road projects
- iRAP surveys of project roads
- Knowledge support in safety management and audit



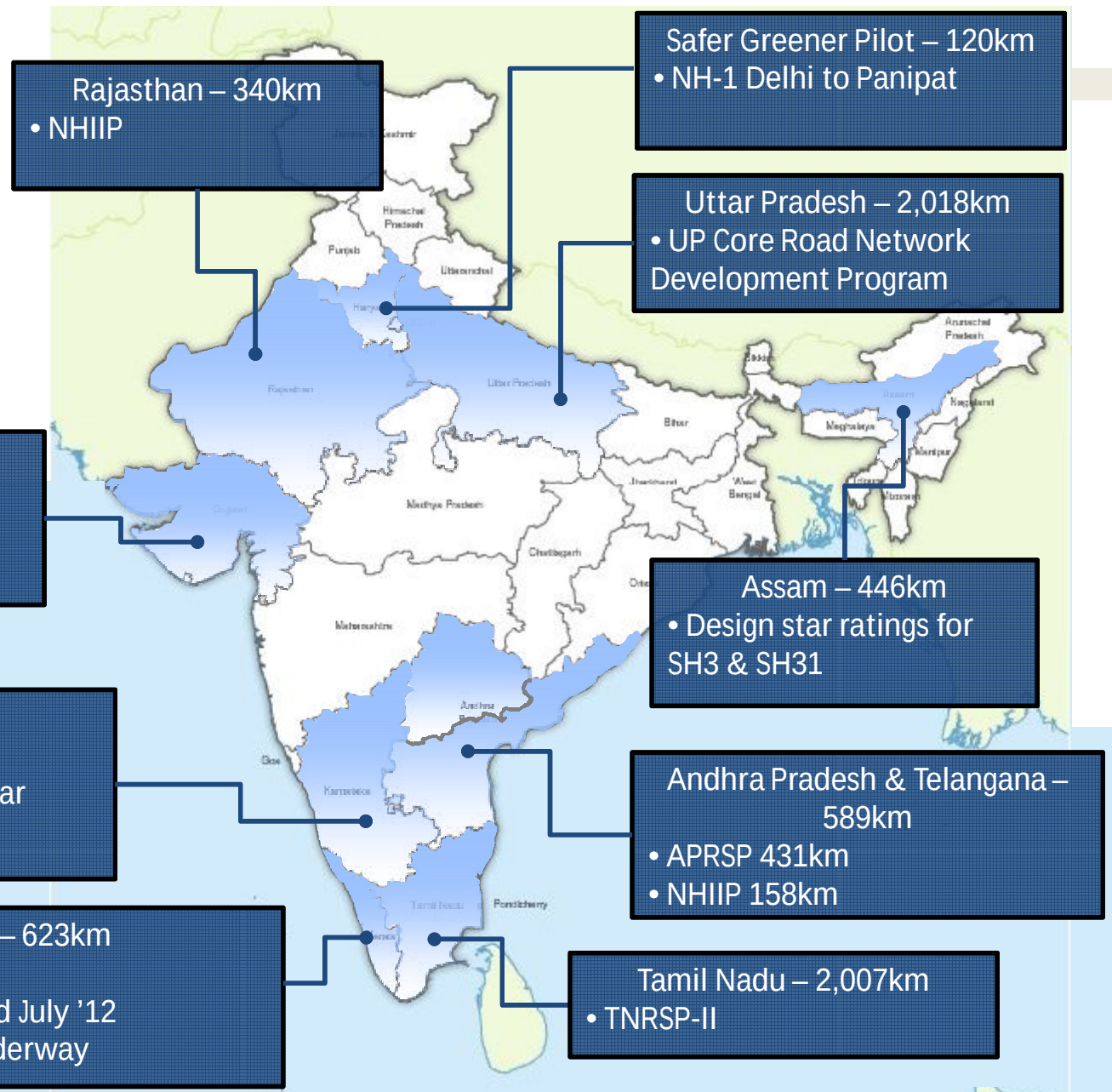
Support at the City Level

One of eight implementing agencies of the Bloomberg Initiative for Global Road Safety in

- Mumbai, India

GRSF: Bloomberg funded – iRAP assessments

- 10,500km surveyed between 2010-14
- Potential to prevent 878,000 deaths and serious injuries over the next 20 years
- Upgrades are completed/ongoing



Example GRSF Multi-Donor Trust Fund: Kolkata, India

- Goal: Promoting Behavior Change in Road Safety
- A road safety mobile app has been developed and data collection related to road safety incidents started from end-July 2017. The data will provide input on the nature of crashes, to help determine those related to behavioral issues
- This will be scaled up across the state from January 2018

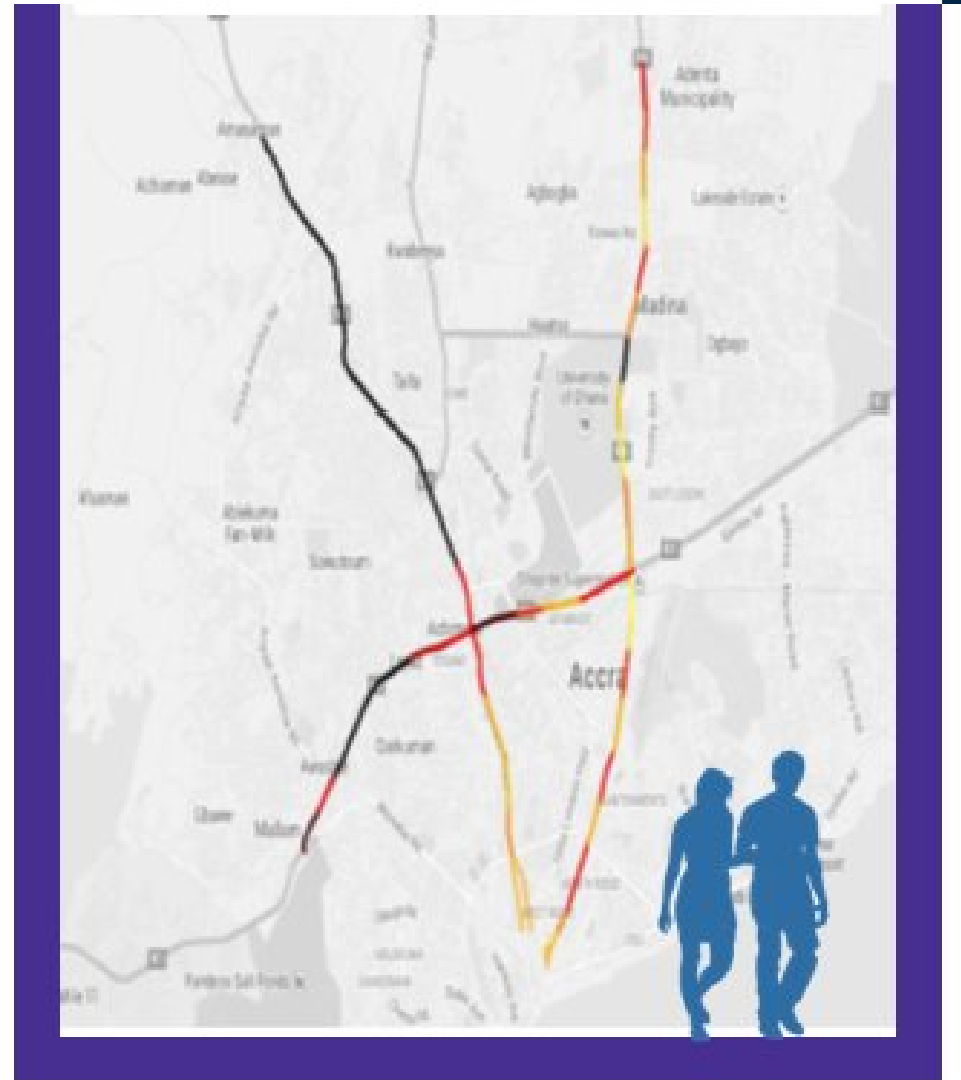
Example Solution in Ghana: Safety engineering for a sustainable safe system

Urban Roads in Accra

BEFORE: 38km of road 3-star or better for pedestrians

AFTER: 85km of road 3-star or better for pedestrians

- Top treatments included sidewalks and traffic calming
- iRAP estimated 33% reduction in KSI's on completion of works



Global Mobility Report

- Identifies co-benefits of safety with green, efficient, universally accessible transport
- Outlines indicators
- Allows for a process of development of next steps for each objective, including road safety

GLOBAL MOBILITY REPORT 2017

Tracking Sector Performance



Thank you for your attention

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