Bloomberg Philanthropies’ Initiative for Global Road Safety

Key outcomes from WB GRSF’s engagement in BIGRS 2015-2019
GLOBAL KEY OUTCOMES

PROJECT METRICS

- Length of roads surveyed and assessed: 15,325 km
- Length of roads where designs, scenarios or implementation have been star rated: 6,653 km
- Length of construction completed based on iRAP survey recommendations: 944 km
- Number of professionals trained on road safety: 10,669 persons

The High Toll of Traffic Injuries – Global Report

Report on the socio-economic impact as a result of road injuries in the five selected countries, together with dissemination workshops and BBLs in Manila, Beijing, Singapore, Bangkok, Dar Es Salaam.

Estimated lives saved through road safety improvements already included in designs or implemented from BIGRS 2015-2019: 7,000 persons.
**PROJECT METRICS**

- Length of roads surveyed and assessed: **260 km**
- Length of roads where designs, scenarios or implementation have been star rated: **183 km**
- Length of construction completed based on iRAP survey recommendations: **74 km**
- Potential deaths and serious injuries to be prevented over 20yrs: **5,243+ persons**
- Number of professionals trained on road safety: **164 persons**
PROJECT METRICS

- Length of roads surveyed and assessed: **535 km**
- Length of roads where designs, scenarios or implementation have been star rated: **546 km**
- Length of construction completed based on iRAP survey recommendations: **89 km**
- Potential deaths and serious injuries to be prevented over 20yrs: **10,206+ persons**
- Number of professionals trained on road safety: **508 persons**

New pedestrian walkways as part of Phase 1: **79km improvements**

Total Assessed Network
PROJECT METRICS

- Length of roads surveyed and assessed: **172 km**
- Length of roads where designs, scenarios or implementation have been star rated: **15 km**
- Length of construction completed based on iRAP survey recommendations: **8 km**
- Potential deaths and serious injuries to be prevented over 20yrs: **12,312+ persons**
- Number of professionals trained on road safety: **206 persons**

One week Road Safety Planning, Design and Engineering workshop delivered together with NACTO GDCI, August 2018.

- 30% of roads where pedestrians are present and traffic flows at 40km/h or more have no footpath
- 100% of roads with high motorcycle flows (>=20% of total) and traffic flows at 60km/h or more have no motorcycle facilities
- 58% of intersections where traffic flows at 50km/h or more have no roundabout, protected turn lane or interchange

Total Assessed Network
**Project Metrics**

- Length of roads surveyed and assessed: **1,334 km**
- Length of roads where designs, scenarios or implementation have been star rated: **267 km**
- Length of construction completed based on iRAP survey recommendations: **31 km**
- Potential deaths and serious injuries to be prevented over 20yrs: **16,130+ persons**
- Number of professionals trained on road safety: **846 persons**

**Establishment of Chulalongkorn University as an iRAP Centre of Excellence - ThaiRAP**

First Stage of Network Assessed
PROJECT METRICS

- Length of roads surveyed and assessed: **200 km**
- Length of roads where designs, scenarios or implementation have been star rated: **200 km**
- Length of construction completed based on iRAP survey recommendations: **77 km**
- Potential deaths and serious injuries to be prevented over 20yrs: **6,410+ persons**
- Number of professionals trained on road safety: **1,565 persons**

**Site inspection during a training workshop on road safety barriers on Av. Circunvalar**

**Example of a poor end treatment on Av. Circunvalar**

**Improvement of guardrails on Avenida Circunvalar**

**Improvements to cycling and pedestrian infrastructure along Calle 80**
**PROJECT METRICS**

- Length of roads surveyed and assessed: **143 km**
- Length of roads where designs, scenarios or implementation have been star rated: **57 km**
- Length of construction completed based on iRAP survey recommendations: **51 km**
- Potential deaths and serious injuries to be prevented over 20yrs: **7,890+ persons**
- Number of professionals trained on road safety: **113 persons**

**Speed Management and bicycle facilities implemented on Avenida Leste - Oeste**

**Crash Data system upgrade using DRIVER**

**Road Safety Improvements along Avenida Osório de Paiva**
PROJECT METRICS

- Length of roads surveyed and assessed: **308 km**
- Length of roads where designs, scenarios or implementation have been star rated: **77 km**
- Length of construction completed based on iRAP survey recommendations: **16 km**
- Potential deaths and serious injuries to be prevented over 20yrs: **2,198+ persons**
- Number of professionals trained on road safety: **823 persons**

**Piloted the Star Rating for Schools App together with the AIP Foundation on 37 schools along the Bank’s BRT project. Four schools have already been upgraded to 3+ stars.**

Over 300 locations were upgraded with refuge islands or raised pedestrian crossings.
MUMBAI & INDIA

PROJECT METRICS

- Length of roads surveyed and assessed: 5,809 km
- Length of roads where designs, scenarios or implementation have been star rated: 1,623 km
- Length of construction completed based on iRAP survey recommendations: 3 km
- Potential deaths and serious injuries to be prevented over 20yrs: 109,930+ persons
- Number of professionals trained on road safety: 886 persons

LBS Marg Sidewalk Improvement

Reports Submitted to MCGM and NHAI

Crash data entered for 2015-18 and DRIVER being piloted

Workshops on iRAP and Safe Road Infrastructure for Pedestrians for NHAI and MCGM officials in April 2019 and August 2018
PROJECT METRICS

- Length of roads surveyed and assessed: **228 km**
- Length of roads where designs, scenarios or implementation have been star rated: **69 km**
- Potential deaths and serious injuries to be prevented over 20yrs: **8,010+ persons**
- Number of professionals trained on road safety: **213 persons**

Assessment of Sao Paulo’s inner ring road

Workshop on Road Safety Planning and Strategy to support Sao Paulo’s new 10-year plan Vida Segura

São Paulo’s public crash data platform based on DRIVER
PROJECT METRICS

- Length of roads surveyed and assessed: **1,274 km**
- Length of roads where designs, scenarios or implementation have been star rated: **198 km**
- Length of construction completed based on iRAP survey recommendations: **9 km**
- Potential deaths and serious injuries to be prevented over 20yrs: **441+ persons**
- Number of professionals trained on road safety: **624 persons**

Highway Safety to Cherish Life Program

From 2015 to 2018, Cherish Life Project were listed as one of the livelihood projects of Ministry of Transport.
PHILIPPINES

PROJECT METRICS

- Length of roads surveyed and assessed: **1116 km**
- Length of roads where designs, scenarios or implementation have been star rated: **749 km**
- Length of construction completed based on iRAP survey recommendations: **447 km**
- Potential deaths and serious injuries to be prevented over 20yrs: **9,468+ persons**
- Number of professionals trained on road safety: **3,537 persons**

**Bicycle star rating improvements on Aklan East West Road**

Star ratings Before & After upgrades, based on Road Safety Risk Assessment Review of the Mindoro East Coast Road

**Traffic incidents recorded since June 2018 using DRIVER**

**DRIVER trainings**
TANZANIA

PROJECT METRICS

▪ Length of roads surveyed and assessed: 3,945 km
▪ Length of roads where designs, scenarios or implementation have been star rated: 2,671 km
▪ Length of construction completed based on iRAP survey recommendations: 140 km
▪ Potential deaths and serious injuries to be prevented over a 20yrs: 151,807+ persons
▪ Number of professionals trained on road safety: 151 persons

Pedestrian walkway improvement along the Mafinga-Igawa Corridor

iRAP assessments of Dar Es Salaam BRT Corridors

National level network assessment
Bloomberg Philanthropies’ Initiative for Global Road Safety (BIGRS) 2015-2019

International Partners

- World Bank Group
- GRSF (Global Road Safety Facility)
- Johns Hopkins Bloomberg School of Public Health
- NACTO
- Global Designing Cities Initiative
- Global NCAP
- Global Road Safety Partnership
- EMBARQ
- Vital Strategies
- Global Health Advocacy Incubator
- World Health Organization