Regional road safety approach in Puducherry, India

Status report and first results

Erik Donkers

September 17, 2019 • UNECE • Geneva
VIA Software

- Consultancy in road safety for more than 35 years in the Netherlands
- Last 10 years focused on sharing their knowledge by developing software

- Mission: to create the **Digital Partner** in road safety
  - Standardised software, easy to use and to implement
  - Road safety policy based on current data and risk management
  - One software package for all tasks
    - Registration, analysis & reporting
    - Data management & quality controls
    - Implementation & capacity building
Accident map based on 6 months
Regional road safety approach in Puducherry
Red routes

Search for ‘red routes’ based on accidents with cars, vans and trucks
The figures clearly show the vulnerability of pedestrians.
Selection of method of transport

Accidents with motorcycles

Accidents with pedestrians

Pedestrians are most involved in accidents in the built up area
Monitoring accidents & fines

Optimize the enforcement

Number of accident versus number challans per police station
Puducherry per week
Fines versus accidents

Most fines for not wearing a helmet (44%)

Most accidents caused by
- using cell phone during driving (73%)
- rash driving / dangerous drive (21%)
Speed control locations versus accidents

- 5 speed control locations
- Not all locations have a lot of accidents
Effectiveness of speed controls

- The number of fines per stopped car went down on most locations
- But only when is it done for a longer period of time
Always a step ahead. via.software

E.J.P. (Erik) Donkers
Director
M. +31 6 53 300 740
E. erik.donkers@via.nl

Rembrandterf 1 • 5261 XS Vught • The Netherlands • T. +31 (0) 73 657 91 15
E. info@via.nl • I. www.via.nl • TAX NL 8016.97.438.B01 • CoC 160 68 457