

Data to policy: data-driven and smart transport safety policies

Reliable and accurate data are needed for a variety of purposes, including for advocating for road safety, identifying specific problems and risks, setting targets, formulating appropriate strategies and monitoring impact. Road safety data, collected every day across India, cannot meet these objectives unless they are properly coded, entered in a system, processed, analysed, disseminated and used.

This workshop will help formulate data systems that will improve measurement of India's road traffic injury problem, facilitate selection of evidence-based interventions, and allow for better evaluation of progress. It will discuss the use of such data systems to develop policies and interventions and to assess prevention measures.

The intention of the workshop is to present a conceptual framework for data-led road safety management and steps for assessing the availability and quality of existing road safety data. This will help make improvements to existing road accident data systems, and for the design and implementation of a new road safety and crash data system.

Road accident data can be used to raise awareness about particular road safety issues, and to act as evidence and draw support for a certain policy, programme or allocation of resources. Road accident data could be used to identify high crash risk sites, as well as possible identification of risk factors that are specific to the site.. Crash data is essential to evaluate treatments and policies that have been introduced. Evaluations provide a knowledge base about the effectiveness of a given medical intervention, as well as ensuring that current programmes are providing the expected and desired results. International cooperation is essential for data coordination and benchmarking. International assessments can help to identify and monitor national road safety issues, as well as to evaluate the effectiveness of any methods implemented on a wider scale. Benchmarking (through a comparison of safety performance with similar peer countries, regions, cities, etc.) can lead to the identification of road safety issues that need to be addressed. It is important to note that this cannot be achieved unless there is consistency across crash variable definitions. Coordination also helps countries and governments to improve their road safety data quality and collection systems

- > How road safety can be addressed through dedicated policies and measures?
- > Requirement of road safety data/parameters for cities?
- > How to implement a vision zero?
- > Can vehicles become safer for all road users?

> How do we better and more smartly manage speed?

> How to address safety and sustainability in an integrated way and from a behavioural perspective?