



Powered two- and three- wheeler safety

A ROAD SAFETY MANUAL
FOR DECISION-MAKERS
AND PRACTITIONERS



World Health
Organization



FIA Foundation
for the Automobile and Society



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GLOBAL
ROAD SAFETY
PARTNERSHIP



THE WORLD BANK

Powered two- and three-wheeler safety: a road safety manual for decision-makers and practitioners

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Preface

The powered two- and three-wheeler (PTW) fleet is growing rapidly in most parts of the world. PTWs are becoming one of the main means of transporting both people and goods in many countries, and are attracting an increasingly varied user population. However, this mode of transport accounts for more than 286 000 deaths each year globally – about 23% of all road traffic deaths. This alarming number of potentially avoidable deaths highlights the need for increased attention around PTWs and their use in road safety policy. Effective planning for PTW safety requires a comprehensive understanding of the risk factors involved in different settings. The Safe System approach has several benefits as a framework for examining key PTW risk factors and approaches to prevention.

This manual describes the magnitude of PTW death and injury; key risk factors; ways of assessing the PTW safety situation in a given setting and preparing an action plan; and how to select, design, implement and evaluate effective interventions. The manual stresses the importance of a comprehensive, holistic approach that includes engineering, legislation and enforcement measures, as well as behavioural change.

We hope that implementing the steps in this manual – designed for a multidisciplinary audience including engineers, planners, police, public health professionals and educators – will help develop new, evidence-based plans, programmes and other initiatives to increase PTW safety and encourage a critical review and evaluation of existing actions. We also hope it will contribute towards strengthening national and local capacity to implement PTW safety measures worldwide. We encourage all to bring this manual to the attention of those who will use it to save the lives of PTW users and others who use the roads.

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