

# Powered two- and three- wheeler safety

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A ROAD SAFETY MANUAL  
FOR DECISION-MAKERS  
AND PRACTITIONERS



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A road safety manual  
for decision-makers and  
practitioners



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

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# Contents

Preface .....	v
Contributors and acknowledgements .....	vi
Executive summary .....	vii

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<b>Introduction .....</b>	<b>1</b>
Implementing good practice in road safety .....	3
Why was the manual developed? .....	3
Context .....	4
Who is the manual for? .....	5
What does the manual cover? .....	5
How should the manual be used? .....	6
What are the limitations of this manual? .....	6
How was the manual developed? .....	6
Dissemination of the manual .....	7
How to obtain printed copies .....	7
References .....	8

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<b>1 Why is addressing PTW safety necessary? .....</b>	<b>9</b>
1.1 What are PTWs? .....	11
1.2 The importance of PTWs for mobility .....	11
1.2.1 How are PTWs used? .....	14
1.2.2 Global distribution of PTWs .....	14
1.2.3 Contributing factors to the expanding PTW fleet .....	17
1.3 The PTW-related injury problem .....	18
1.3.1 PTW-related injuries and deaths .....	18
1.3.2 Demographic characteristics of PTW users killed and injured in road traffic crashes .....	20
1.3.3 Where do PTW crashes occur? .....	21
1.3.4 When do PTW-related deaths occur? .....	22
1.3.5 Costs of road traffic injuries associated with PTW use .....	22
1.4 Risk factors for PTW-related injuries .....	22
1.4.1 Risk factors related to the road user .....	23
1.4.2 Risk factors related to the road environment .....	26
1.4.3 Risk factors related to the vehicle .....	27
1.4.4 Other risk factors .....	28

1.5 The Safe System approach and PTW safety . . . . .	28
Summary . . . . .	31
References . . . . .	31
 <b>2 Conducting a situational assessment . . . . .</b>	 <b>37</b>
2.1 What is a situational assessment? . . . . .	39
2.2 Why is a situational assessment needed? . . . . .	40
2.3 What is assessed and what are the components of a situational assessment? . . . . .	41
2.3.1 Assessing the burden of PTW-related injury and death . . . . .	41
2.3.2 Assessing existing PTW policies, laws and regulations . . . . .	42
2.3.3 Assessing existing PTW interventions and programmes . . . . .	45
2.3.4 Stakeholder and target group assessment . . . . .	45
2.4 Using situational assessment findings for targeted action . . . . .	47
Summary . . . . .	48
References . . . . .	48
 <b>3 Interventions to address powered two- and three-wheeler safety . . . . .</b>	 <b>49</b>
3.1 Specific interventions to improve PTW safety . . . . .	52
3.1.1 Effective and promising interventions . . . . .	54
3.1.2 Interventions for PTW safety with insufficient or weak evidence . . . . .	68
3.2 General road safety interventions that could improve PTW safety . . . . .	69
3.2.1 Interventions related to safer roads . . . . .	70
3.2.2 Interventions related to safer road users . . . . .	71
3.2.3 Improving post-crash care . . . . .	72
Summary . . . . .	76
References . . . . .	76
 <b>4 Implementing and evaluating PTW safety interventions . . . . .</b>	 <b>83</b>
4.1 Defining desired outcomes . . . . .	85
4.2 Prioritizing evidence-based interventions . . . . .	86
4.3 Developing a monitoring and evaluation plan . . . . .	88
4.3.1 What to monitor and evaluate . . . . .	89
4.3.2 Data sources for monitoring and evaluation . . . . .	89
4.4 Developing and executing a plan of action . . . . .	90
4.4.1 Core components of a PTW safety action plan . . . . .	90
4.4.2 Mobilizing and sustaining support . . . . .	91
Summary . . . . .	91
References . . . . .	93

## 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.

### **Etienne Krug**

Director  
Department for Management of  
Noncommunicable Diseases, Disability,  
Violence and Injury Prevention  
World Health Organization

### **Barry Watson**

Chief Executive Officer  
Global Road Safety Partnership

### **Saul Billingsley**

Executive Director  
FIA Foundation

### **Jose Luis Irigoyen**

Director  
Transport and Information and  
Communications Technologies Global  
Practice Department  
The World Bank



## Contributors and acknowledgements

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### **Advisory committee**

Saul Billingsley (FIA Foundation), Gayle Di Pietro (Global Road Safety Partnership), Dipan Bose (World Bank)

### **Project coordinators**

Kidist Bartolomeos, Meleckidzedek Khayesi

### **Principal writers**

Kidist Bartolomeos, Jane Elkington, Alison Harvey, Rebecca Ivers, Meleckidzedek Khayesi, Margie Peden, Tamitza Toroyan

### **Additional contributors**

Edwin Bastiaensen, Julie Brown, Martha Hajar, Kacem Iaych, Lisa Keay, Norfaizah binti Mohamad Khaidir, Muhammad Marizwan bin Abdul Manan, Evelyn Murphy, Nam Nguyen, Joan Ozanne-Smith, Jonathon Passmore, Brent Powis, Teri Reynolds, Eugenia Rodrigues, Kamala Sangam, Chamaiparn Santikan, Dinesh Sethi, Geetam Tiwari, Blair Turner, John Whitelegg

### **Literature review**

Julie Brown, Guoqing Hu, Rebecca Ivers, Lisa Keay, Lisa Schonstein

### **Peer reviewers**

Edwin Bastiaensen, Rafael J Consunji, Pierre Maurice, Victor Pavarino, David Sleet, Stephen Stacey, Blair Turner, Joel Valmain, Andres Villaveces, John Whitelegg, George Yannis

### **Editing**

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