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**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

Working Party on Road Traffic Safety

(Forty-seventh session, 12-15 September 2005,  
agenda item 5 (c))

**REVISION OF THE CONSOLIDATED RESOLUTIONS R.E.1 AND R.E.2**

Improving motorcycle safety

**Questionnaire on Motorcycle Safety Policies and Programmes**

Please respond to this questionnaire as soon as possible and preferably before

**1 OCTOBER 2005**

In order to facilitate the exploitation of the replies, please complete the written information in  
**English or French**

**A. Introduction**

Motorcyclists are an established, significant and growing part of the vehicle/driver mix worldwide. Motorcyclist deaths and injuries are a matter of social concern. Motorcyclists are exposed/vulnerable to particular human, vehicle and environmental accident risk factors.

This questionnaire, developed by the small working Group especially created to study improving motorcycle safety, was approved in its principle by the UNECE Working Party on Road Traffic Safety (WP.1) at its 45<sup>th</sup> session. Its purpose is to collect information on current government activities related to improving motorcycle safety, so that future work can be developed on harmonizing legislation and making best practices available to countries seeking additional ideas.

Further information is available in UNECE document **TRANS/WP.1/2003/16**, Improving Motorcycle Safety (available at this address: <http://www.unece.org/trans/roadsafe/wp12003.html>).

**B. Explanation**

- A motorcycle is a **two-wheeled vehicle with either an engine capacity of more than 50cc or a maximum design speed > 45 km/h** (in particular for European Union countries) **or > 50 km/h** for other countries.
- The most appropriate person to fill out this survey would be a senior government official who has ongoing responsibility for managing and directing your country's policies, programmes and practices related to motorcycle safety.
- **If you need to expand your answer to any question, please attach additional sheets, with a clear reference to the question number on which you are expanding.**
- When asked to "tick box", please tick the most appropriate answer or answers.
- Use the blank lines in any tables to add further examples.
- The term accident and crash are used interchangeably in this questionnaire.

**C. Overview**

1. For each of the following categories, how many vehicles are registered in your country?

	Number (000's)	%	Information not available
Goods trucks			
Buses and coaches			
Passenger cars			
Motorcycles			
Mopeds (1)			
<b>Total vehicles</b>			

*Note (1): If mopeds are not registered in your country, please provide the best estimate available.*

2. Does your Government have a permanent body/committee that specifically considers motorcycle safety?

☐ Yes      ☐ No (Go to Question 4)

3. Does this body/committee involve non-governmental organizations?

☐ Yes      ☐ No

4. Are there organizations outside Government, which consider motorcycle safety?
- ☐ Yes      ☐ No

**D. Data/Statistics**

5. Does your Government regularly collect statistics on the use of motorcycles, e.g. number and type of motorcycles in use, number and type of permit/licence?

☐ Yes      ☐ No (*Go to Question 7*)

6. If your authorities do not collect these statistics, is this done by a non-governmental body?

☐ Yes      ☐ No

**If yes, what type of organization collects these statistics?**

- ☐ Rider organization  
☐ Industry organization  
☐ Research institution  
☐ University  
☐ Hospital  
☐ Other (Please specify)

.....  
.....  
.....

7. Does your Government regularly collect statistics on traffic crashes/accidents, death and injury for all road users?

☐ Yes      ☐ No (*Go to Question 12*)

8. Are motorcycle crashes/accidents separately identified within those road traffic statistics?

☐ Yes      ☐ No

9. If your country has road traffic statistics, please give the following rates for the main categories of vehicle, as deaths and injuries per hundred million kilometres (hm/kms) **and** per registered vehicle:

	Deaths (1)		Serious injuries (2)	
	per hm/kms	per registered vehicle	per hm/kms	per registered vehicle
Goods trucks				
Buses and coaches				
Passenger cars (all occupants)				
Light vehicles (e.g. vans)				
Motorcycles				
Mopeds				
<b>Total vehicles</b>				

(1) Please provide your country's definition of a **road traffic death**. .....

.....

(2) Please provide your country's definition of a **serious road traffic injury**. .....

.....

10. To what extent do the statistics cover the circumstances/conditions of the crash/accident?

**Tick boxes**

Not at all	
Identify responsibility for the accident	
Identify human, vehicle and environmental contributory factors	

11. Does your Government use your accident statistics as a basis for developing motorcycle policies, programmes or campaigns?

☐ Yes

☐ No

## **E. Research**

12. For which of the following individual issues related to motorcycle safety does your Government sponsor research projects?

**Tick boxes**

Research topic	For motorcycle riders	For all other road-users
In-depth accident analysis		
Rider training		
Road infrastructure		
Attitudes and behaviour		
Other: (please specify)		

13. Which formal methods does your Government use to evaluate the effectiveness of your motorcycle safety programmes/policies etc.?

**Tick boxes**

None	
Comparisons of accident statistics	
Specific studies before and after a programme or campaign	
Subjective assessment	
Other: (please specify)	

14. Does your Government carry out research into the attitudes and behaviour of riders in relation to safety issues?

☐ Yes ☐ No

**F. Permits/licences**

15. For which categories of motorcycle does your Government require driving permits/driving licenses and what is the minimum age at which the permit(s) can be obtained?

**[EXPLANATORY NOTES:**

- i. *For the purpose of this questionnaire, permit and license are interchangeable and refer to the document that allows a person to operate a vehicle unaccompanied on the road.*
- ii. *Some countries/regions have different types of permits/licenses for different subcategories of motorcycles. If this is the case for your country, please use the table*

*below to describe each subcategory. Later questions will refer back to the categories that you define here, e.g. to **your** definition of "Motorcycle permit (type 1)". If you have only one type of motorcycle permit/license, use "Motorcycle permit (type 1)".]*

	Specification of motorcycle category	Minimum age
Motorcycle permit (type 1)		
Motorcycle permit (type 2)		
Motorcycle permit (type 3)		

16. What type of testing does your Government require for each permit?

Tick boxes			
Type of testing Permit type	Theoretical	Practical test away from other traffic or at an off-road test site	Practical test on the road (i.e., in traffic)
Motorcycle permit (type 1)			
Motorcycle permit (type 2)			
Motorcycle permit (type 3)			

17. Does your Government require the renewal of motorcycle permits/licenses?

	Permits/licenses	
Motorcycle permit (type 1)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Motorcycle permit (type 2)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Motorcycle permit (type 3)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**If yes**, are there specific requirements for renewing motorcycle permits/licenses?

☐ Yes. For what type(s) of motorcycle:.....

☐ No

*Please add any relevant details:*

.....  
.....  
.....

18. Does your Government allow learner riders to use the roads, unaccompanied, before or after a period of initial training, **before taking a driving test**?

	Before initial training?	After initial training?
Motorcycle permit (type 1)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Motorcycle permit (type 2)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Motorcycle permit (type 3)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

*Please add any relevant details:*

.....  
.....  
.....

19. Does your Government allow **car permit/license holders** to ride (i.e., operate) motorcycles without first obtaining a motorcycle permit?

Motorcycle permit (type 1)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Motorcycle permit (type 2)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Motorcycle permit (type 3)	<input type="checkbox"/> Yes <input type="checkbox"/> No

*Please add any relevant details:*

.....  
.....

20. Are there any categories of motorcycles in your country, which can be ridden (i.e., operated) without a permit/license?

☐ Yes ☐ No

*Please add any relevant details (e.g., what type of motorcycle can be ridden without a permit/license):*

.....

.....

.....

## G. Training

*(NOTE: Refer to Question 15 for your definitions of permit/license types)*

21. Does your legislation require training as part of the process of obtaining/renewing a motorcycle permit/license?

Type of permit	Training required	Renewal of a motorcycle permit/license
Motorcycle permit (type 1)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Motorcycle permit (type 2)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Motorcycle permit (type 3)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

*Please add any relevant details:*

.....

.....

.....

22. Who is allowed to provide the training required by law?

**Tick boxes**

	Government certified organizations	Commercial organizations	Non-commercial organizations	No limitations (i.e., any organization)
Motorcycle permit (type 1)				
Motorcycle permit (type 2)				
Motorcycle permit (type 3)				



*Please add any relevant details:*

.....

.....

.....

23. If training is not required by law, what proportion of riders take training?

Type of permit	Estimated % of riders
Motorcycle permit (type 1)	
Motorcycle permit (type 2)	
Motorcycle permit (type 3)	

24. Is training easily available to all riders (e.g. within half-hour's travel of their residences)?

☐ Yes ☐ No

25. What is the average waiting time, **in weeks**, for getting on a training course?

*(insert the number of weeks)*

26. Does your Government have a standardized national motorcycle training curriculum?

Type of permit	Has national curriculum
Motorcycle permit (type 1)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Motorcycle permit (type 2)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Motorcycle permit (type 3)	<input type="checkbox"/> Yes <input type="checkbox"/> No

27. Does your curriculum include the specific consideration of real, on-road situations and hazard-awareness?

Type of permit	Includes real, on-the road situations and hazard awareness
Motorcycle permit (type 1)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Motorcycle permit (type 2)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Motorcycle permit (type 3)	<input type="checkbox"/> Yes <input type="checkbox"/> No

28. Does your curriculum include the development of positive safety *attitudes*?

☐ Yes ☐ No

29. Does your Government have evidence/specific research to show that motorcyclist training reduces the risk of having a crash/accident?

☐ Yes ☐ No

*Please add any relevant details:*

.....  
.....  
.....

30. Is your curriculum linked to a general education programme for developing road-safety awareness in schools?

☐ Yes ☐ No

#### **H. Other legislation specifically related to motorcycles/motorcyclists**

31. For which of the following items does your Government have specific legislation for motorcycles/motorcyclists?

<b>Access to roads</b> (e.g. motorways)	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Engine size or power</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Speed limits</b> If yes, please specify:.....	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Protective equipment <u>other than helmets</u>:</b> If yes, please specify:..... .....	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is the wearing mandatory for all riders:.....	<input type="checkbox"/> Yes <input type="checkbox"/> No
Other: (please specify)	

32. How many passengers (i.e., other than the rider/operator) are allowed on a motorcycle in your country? (**NOTE: Refer to Question 15 for your definitions of permit types**)

**Tick boxes**

	<b>Motorcycle permit (type 1)</b>	<b>Motorcycle permit (type 2)</b>	<b>Motorcycle permit (type 3)</b>
<b>1 adult</b>			
<b>1 adult + 1 child</b> (please specify the age limit: .....)			
<b>2 adults</b>			
<b>Other.....</b>			

32.1 Is it allowed in your country to transport a child alone as a passenger behind the rider/operator?

☐ Yes ☐ No ☐ Not specified

**If yes**, from what age?:..... and under what conditions:

- ☐ Special seat required for young passengers → until what age?:.....
- ☐ Protection for legs
- ☐ Other, please specify:.....
- .....
- .....

33. Does your country have legislation requiring the wearing of the helmet: (**NOTE: Refer to Question 15 for your definitions of permit types**)

<b>Type of motorcycle permit</b>	<b>Helmet for the rider/operator?</b>	<b>Helmet for the passenger(s)?</b>
<b>Motorcycle permit (type 1)</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, since when:.....	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, since when:.....
<b>Motorcycle permit (type 2)</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, since when:.....	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, since when:.....
<b>Motorcycle permit (type 3)</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, since when:.....	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, since when:.....

33.1 Are there exceptions to the mandatory wearing of the helmet?

☐ Yes ☐ No

**If yes**, please check what exceptions apply:

☐ Religious reasons (e.g., headdress)

- ☐ Size of head too large
- ☐ Size of head too small
- ☐ Medical reasons. Please specify: .....
- ☐ Inside built-up areas
- ☐ Outside built-up areas
- ☐ Other (please specify):.....  
.....

33.2 Does the helmet have to conform to a standard?:

- ☐ Yes      ☐ No

**If yes, which?:**

- ☐ A national standard. Please specify:.....
- ☐ ECE Regulation 22
- ☐ EU Regulation

**I. Specific campaigns or programmes promoting motorcycle safety**

34. For which of the following does your country have specific campaigns/programmes related to motorcycle safety?

**Tick boxes**

<b>Impairment (e.g. alcohol, drugs)</b>	
<b>Awareness of motorcycles by other road users</b>	
<b>Conspicuity (i.e., ability to see the motorcyclist)</b>	
<b>Wearing of the helmet</b>	
<b>Fatigue</b>	
<b>Other: (please specify)</b>	

35. Are such campaigns based on identified problems?

**Tick box**

<b>Always</b>	
<b>Mostly</b>	
<b>Not usually</b>	

**J. Road design/environment/infrastructure**

36. Does your Government have **motorcycle-specific guidelines** on the design, construction and maintenance of roads and the surrounding infrastructure, e.g. signs, barriers?

	<b>Roads</b>	<b>Surrounding infrastructure</b>
<b>Design</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Construction</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Maintenance</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

*Please add any relevant details:*

.....  
.....

**If yes for surrounding infrastructure**, please specify what kinds of elements:

- ☐ Vertical signing
- ☐ Horizontal signing
- ☐ Nature of the recommended road markings (e.g. paint rather than plastic band, etc...)
- ☐ Safety barriers
- ☐ Traffic lights
- ☐ Lighting
- ☐ Other. Please, specify:.....

**K. Vehicle Factors**

37. Does your Government have periodic motorcycle safety inspections?

☐ Yes ☐ No

\* \* \* \* \*

**Thank you for completing the questionnaire.**

**Country:**.....

Name of person responding to this survey:.....

Title:.....

May we contact you if we have questions about any of your answers?

☐ Yes    ☐ No

E mail:.....

Telephone Number:.....

Fax Number:.....

Please send your reply to:

**UNECE Transport Division secretariat:** [roadsafety@unece.org](mailto:roadsafety@unece.org)  
or **FAX:** (+41) 22 917 0039

with a copy to:

Dr. M. Vegega: [maria.vegega@nhtsa.dot.gov](mailto:maria.vegega@nhtsa.dot.gov) or Fax: + 1 202 366 7096

Dr N. Rogers: [nickrogers@immamotorcycles.org](mailto:nickrogers@immamotorcycles.org) or Fax: + 41 22 920 21 21

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**Please also respond to the questions in the following section.**

### QUESTIONNAIRE OF A SUBJECTIVE NATURE (IDEAS SECTION)

We are aware that the questions in this section are subjective in nature. **The responses will therefore not be attributed to countries in the analysis of the questionnaire.** We are trying to solicit ideas about factors leading to the success of motorcycle safety programmes and how obstacles to success may be addressed. The purpose of these questions is to provide Member States with ideas on how to improve motorcycle safety.

38. What level of priority does your Government give to safety for the following?

Tick relevant boxes

	For all road users	For motorcycle riders only
High priority		
Medium priority		
Low priority		
Not a priority		

39. What level of priority is given to the enforcement of road-safety legislation?

Tick relevant boxes

	For all road users	For motorcycle riders only
High priority		
Medium priority		
Low priority		
Not a priority		

40. Does your Government enforce the road-safety legislation constantly and consistently, or is this done mainly through targeted campaigns?

Tick boxes

	For all road users	For motorcyclists
Constantly and consistently		
Through targeted campaigns		

41. In priority order, identify the three most significant measures that have been responsible for verifiable improvements in motorcycle safety in your country:

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42. In priority order, identify the three biggest obstacles to improving motorcycle safety in your country:

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43. In priority order, what are the three actions you would take to improve motorcycle safety if you were solely responsible for your government's motorcycle safety programme?

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44. Is there anything else that it would be helpful for us to know about your country's motorcycle safety programme?

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