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Working Party on Road Traffic Safety

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agenda item 5 (c))

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

Improving moped safety

Questionnaire on Moped 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

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

This questionnaire, developed by the small working Group especially created to study the improvement of motorcycle safety, was approved in principle by the UNECE Working Party on Road Traffic Safety (WP.1) at its 45th session. Its purpose is to collect information on current government activities related to improving moped 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

Important: this questionnaire only concerns two-wheeled mopeds

- In general, a moped is a two-wheeled vehicle with an engine capacity of less than 50cc and **a maximum design speed less than 45 km/h** (in particular for European Union countries) **or 50 km/h** in other countries. If your country has several categories of moped within this general category, please use the sub-divisions in the answer boxes to be specific about any differences in your Government's treatment of the different types of moped.
- **If you need to expand your answer to any question, please attach additional sheets, with a clear reference to the question number, which you are expanding.**
- 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 moped safety.
- 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.

C. Overview

1. What are the categories of moped in use in your country and are they required to be registered for use on the road?

*[Explanatory note: If your country has several categories of moped, please use the table to explain the sub-categories. Later questions will refer back to the categories that you define here, e.g. to **your** definition of "Moped (type 1)". **If only one category, complete the row for type 1)]***

	Moped specification (engine capacity and maximum speed)	Required to be registered?
Mopeds (type 1)		<input type="checkbox"/> Yes <input type="checkbox"/> No
Mopeds (type 2)		<input type="checkbox"/> Yes <input type="checkbox"/> No
Mopeds (type 3)		<input type="checkbox"/> Yes <input type="checkbox"/> No

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

	Number (000's)	%	Information not available
Mopeds (type 1) (1)			
Mopeds (type 2) (1)			
Mopeds (type 3) (1)			
Total Mopeds		100%	

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

3. Does your Government have a permanent body/committee that specifically considers moped safety?

Yes No (*Go to Question 5*)

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

Yes No

5. Are there organizations outside Government which consider moped safety?

Yes No

D. Data/Statistics

6. Does your Government regularly collect statistics **on the use of mopeds**, e.g. number and type of mopeds in use, number and type of permit/licence etc.?

Yes (*Go to Question 8*) No

7. If your authorities do not collect 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)

.....
.....

8. Does your Government regularly collect statistics **on road traffic accidents** involving death or injury?

Yes No (*Go to Question 12*)

9. Are moped accidents specifically quantified within those statistics?

Yes No (*Go to Question 12*)

If yes, please give the following rates for the categories of moped, as deaths and injuries per hundred million kilometres (hmkms) **and** per registered mopeds: (**NOTE: Refer to Question 1 for your definitions of moped type. If you have only one moped type, use “Mopeds (type 1)”**)

	Deaths		Serious injuries	
	per hmkms	per registered vehicle	per hmkms	per registered vehicle
Mopeds (type 1) (1)				
Mopeds (type 2) (1)				
Mopeds (type 3) (1)				
Total mopeds				

Note (1): If your statistics do not give a breakdown by type of moped, please put the total for all types in the row for total mopeds.

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

Tick boxes

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

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

Yes No

E. Research

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

Tick boxes

Research topic	For moped riders	For other road-users
In-depth accident analysis		
Rider training		
Road infrastructure		
Attitudes and behaviour		
Other:		

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

Tick boxes

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

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

Yes No

F. Permits/licenses

[EXPLANATORY NOTE: 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.

NOTE: Refer to Question 1 for your definitions of moped type. If you have only one moped type, use "Moped (type 1)"]

15. For which of the categories of moped below does your Government require a **driving permit/license or another document (for example school certificate)?** If other document, please give its official name:

.....

and indicate the **minimum age** at which the permit/license/other document can be obtained:

Tick boxes

	Permit/license	Other document	Minimum age
Moped (type 1)			
Moped (type 2)			
Moped (type 3)			

If no permit/other document is required for the different types of moped, go to Question 22

Please add any other relevant details:

.....

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

Tick boxes

Type of testing Permit/ Other document	Tick boxes		
	Theoretical	Practical test away from other traffic	Practical test on the road (i.e., in traffic)
Moped (type 1)			
Moped (type 2)			
Moped (type 3)			

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

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

If yes, are specific conditions required for renewing the moped permit/license?

- Yes. For what type(s) of moped?.....
 No

Please add any relevant details:

.....

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

	Before initial training?	After initial training?
Moped (type 1)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Moped (type 2)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Moped (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 holders** to ride mopeds without first obtaining a moped permit/other document?

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

Please add any relevant details:

.....

G. Training

(NOTE: Refer to Question 1 for your definitions of moped type. If you have only one moped type, use "Moped (type 1)")

20. Does your legislation require training as part of the process of obtaining/renewing a moped permit/other document?

Type of moped	Obtaining of a moped permit/other document	Renewal of a moped permit/other document
Moped (type 1)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Moped (type 2)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Moped (type 3)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

Please add any relevant details:

.....

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

Tick the relevant boxes

	Government certified organizations	Commercial organizations	Non-commercial organizations	Schools	Parents	Police	No limitations
Moped (type 1)							
Moped (type 2)							
Moped (type 3)							

Please add any relevant details:

.....

22. If training is not required by law, what percentage of moped riders undertake training?

Type of moped	Estimated % of riders	Unknown
Moped (type 1)		
Moped (type 2)		
Moped (type 3)		

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

Yes No

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

(Insert the number of weeks)

25. Does your Government have a standardised national moped training curriculum?

Yes No (go to question 29)

If yes, please specify:

Tick boxes

Type of moped	Has a National Curriculum
Moped (type 1)	
Moped (type 2)	
Moped (type 3)	

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

Tick boxes

Type of moped	Includes real, on-road situations and hazard awareness
Moped (type 1)	
Moped (type 2)	
Moped (type 3)	

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

Yes No

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

Yes No

29. Does your Government have evidence/specific research to show that moped rider training reduces the risk of having an accident?

Yes No

Please add any relevant details:

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

H. Other legislation specifically related to mopeds/ moped riders

30. For which of the following items does your country have specific legislation for mopeds/moped riders?

<p>Access to roads. Please specify:</p> <ul style="list-style-type: none"> - Prohibition from using motorways/express roads - Obligation to use cycle tracks or lanes when they exist): - Other:..... 	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Protective equipment <u>other than helmets:</u> If yes, please specify:..... Is the wearing mandatory for all riders?:</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Other: (please specify)</p>	

31. What is the number of passengers (not including the rider/operator) officially allowed on a moped in your country? (*NOTE: Refer to Question 1 for your definitions of moped type. If you have only one moped type, use "Moped (type 1)"*)

Tick the relevant boxes

	Moped (type 1)	Moped (type 2)	Moped (type 3)
None			
1 adult			
Only 1 child (please specify the age limit.....)			
1 adult + 1 child (please specify the age limit.....)			
Other.....			

31.1 Is it allowed in your country to transport a **young 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 fixed on the moped → until what age?:.....
 Protection for legs
 Other, please specify:.....
.....
.....

32. Does your country have legislation requiring the wearing of the helmet: **(NOTE: Refer to Question 1 for your definitions of moped type. If you have only one moped type, use "Moped (type 1)")**

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

32.1 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):.....

32.2 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 moped safety

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

Tick boxes

Impairment (e.g. alcohol, drugs)	
Awareness of mopeds by other road users	
Conspicuity (i.e., ability to see the moped rider)	
Fatigue	
Wearing of the helmet	
Prohibition concerning modifying the original technical characteristics of the moped	
Other:	

34. Are such campaigns based on identified problems?

Tick the relevant box

Always	
Mostly	
Not usually	

J. Road design/environment/infrastructure

35. Does your Government have **moped-specific guidelines** on the design, construction and maintenance of cycle tracks/lanes or roads and the surrounding infrastructure, e.g. signs, safety barriers, etc...?

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

If yes for surrounding infrastructure, please specify what 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:.....

36. Are moped riders in your country allowed to use bus lanes?

Yes No

K. Other issues

37. Does your Government have periodic moped safety inspections?

Yes No

38. In your country, is it mandatory for moped riders to have insurance to ride a moped?

Yes No

If yes, does this insurance - cover:

- Civil liability?
- Theft?
- Other? Please, specify:.....

Thank you for completing the questionnaire.

<p>Country:.....</p> <p>Name of person responding to this survey:.....</p> <p>Title:.....</p> <p>Service or administration:.....</p> <p>May we contact you if we have questions about any of your answers? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>E mail:.....</p> <p>Telephone Number:.....</p> <p>Fax Number:.....</p>

Please send your reply to:

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

with a copy to:

Dr M. Vegega: maria.vegega@nhtsa.dot.gov or Fax: + 1 202 366 7096
Dr NM Rogers: nickrogers@immamotorcycles.org or Fax: + 41 22 920 21 21

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 moped 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 moped safety.

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

Tick relevant boxes

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

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

Tick relevant boxes

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

41. 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 moped riders
Constantly and consistently		
Through targeted Campaigns		

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

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

43. In priority order, identify the three biggest obstacles to improving moped safety in your country.

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

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

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

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

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.....
.....
