



“Introduction of traffic calming measures to lower speed below the 50 km/h limit near schools, hospitals or in residential areas”

Terms-of-Reference Outline

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About the WG2 projects - General

- ✓ Aiming at practical implementation of priorities identified in the cooperation framework
- ✓ Four project concepts developed for discussion in the June 2018 meetings
 - [1] “Review of speed limits on core road network”
 - [2] “Introduction of traffic calming measures to lower speed below the 50 km/h limit near schools, hospitals or in residential areas”
 - [3] “Definition of legal, institutional, procedural and technical/training requirements supporting more regular and efficient enforcement by Police”
 - [4] “Improving legislation and operational procedures reinforcing seatbelt use at front- and backseats”

About the WG2 projects – Questions & answers from June 2018

- ✓ Are the projects relevant to your countries? – **“Yes, they are!”**
- ✓ Which of these would be priorities for you? – **Answers were received**
- ✓ Any additional ideas for priority projects? – **Still open!**
- ✓ Can we work together to develop Terms of Reference? – **“Yes, we can!”**
- ✓ Who can further help in preparing, procuring and implementing such projects?
– **Let’s discuss!**
- ✓ What are possible sources of funding for such projects? – **Let’s discuss!**

“Yes, they are (relevant)” – Priorities identified by WG2

	ARM	AZE	BEL	GEO	MDL	UKR
WG 2						
Project 1: Review of speed limits on core road network			●	●		
Project 2: Introduction of traffic calming measures to lower speed below 50 km/h limit near schools, hospitals or in residential areas.			●		●	
Project 3: Developing legal, institutional, procedural and technical/training requirements supporting more regular and efficient speed enforcement by Police				●		
Project 4: Improving legislation and operational procedures reinforcing seatbelt use at front- and backseats						

(It is still possible to identify priority projects and/or introduce additional ideas)

“Yes, we can (work together)” – Here is how

- ✓ Pilot Terms-of-Reference (ToR) developed for selected priority projects
- ✓ Discussion on ToR technical content
- ✓ Discussion on practical project elements
 - [1] Preparation
 - [2] Procurement
 - [3] Implementation
 - [4] Funding
- ✓ Relevance for achieving our objectives

Terms of Reference (ToR) – Outline

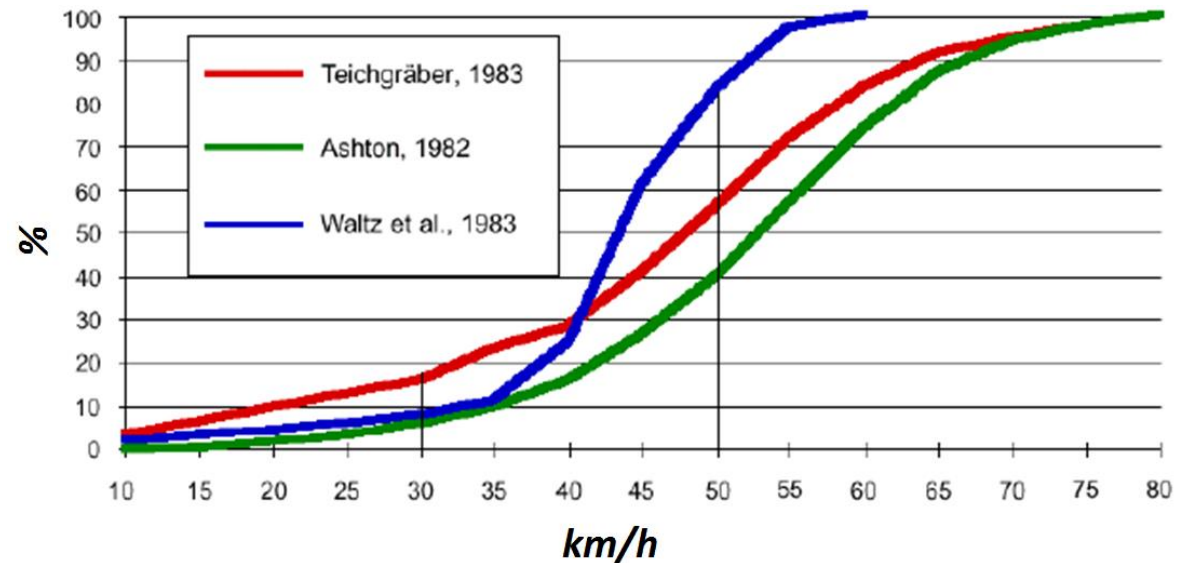
Project title: “Introduction of traffic calming measures to lower speed below the 50 km/h limit near schools, hospitals or in residential areas”

1. **Background** – explaining traffic calming and any existing national programs
2. **Objectives** and description of steps to achieve them
3. **Detailed scope**, divided in tasks
4. **Time schedule**
5. **Deliverables**
6. **Requirements and qualifications**

Background: What *traffic calming* means

- ✓ “Narrower” definition: Reducing the dominance of vehicles, so as to reduce adverse impacts on safety and the environment
- ✓ “Broader” definition: Recovering the primary purpose of streets, where it has been distorted by the speed and volume of traffic
- ✓ International experience and consensus
- ✓ Increasing citizen demand in “lower-middle income countries”
- ✓ Any existing national programs, policies or examples are essential in defining the baseline of the project for which the ToR is meant

Pedestrian risk (in %) of being killed at different impact speeds



Objectives – Steps

- ✓ To go one step below the 50 km/h limit in selected areas (indicatively: around schools, hospitals or residential areas) by introducing traffic calming measures
- ✓ How-to:
 - [1] Preparation of a “**practical guide**”
 - [2] **Review and update of legislation** and regulations
 - [3] **Pilot testing** in at least 5 different situations
 - [4] Preparation of **typical technical specifications for traffic calming**
 - [5] Development of **training courses curriculum**
 - [6] Collection of information for a **traffic calming works sub-program** (annual, then multi-annual)
 - [7] Preparation of **promotion**, possibly with local authorities
 - [8] Review **safety impact of traffic calming measures**

Scope – Task 1 (Practical Guide)

- ✓ Collection of good practices – and **adaptation for use in the country**
- ✓ Selection of typical traffic calming measures with basic requirements and expected outcomes



Scope – Task 2 (Update of legal and technical regulations)

- ✓ Review legal texts (e.g. national laws, by-laws, rulebooks)
- ✓ Review technical regulations (standards, norms etc.)
- ✓ Propose enhancements to reflect proposed measures
- ✓ *Tip: Be specific, not over-ambitious. Regulations take long to change. If existing regulation is adequate, no need to introduce modifications.*

Scope – Task 3 (Typical priority locations, proposal of measures)

- ✓ Select at least five typical locations for piloting traffic calming (preferably of different nature – representative ones)
- ✓ Develop standard specifications and tender documentation (including sketches or preliminary design proposals)
- ✓ Identify funding possibilities
- ✓ *Tip: Use locations along the network managed by the national road administration*

Scope – Task 4 (Sharing of traffic calming knowledge)

- ✓ Develop a program for promotion and for training of professionals
- ✓ Use technical university or equivalent institution
- ✓ Perform initial training (at least 20 designers)
- ✓ Aim: to create a pool of trained specialists

Scope – Task 5 (Preparing broader use of interventions)

- ✓ Collection of information on candidate locations for traffic calming at a national level (e.g. sensitive locations along the national road network)
- ✓ Preparation of a (sub)program for traffic calming, ideally as part of an annual or multi-annual program of works
- ✓ Preparation of promotion of traffic calming measures, also with local government partners

Scope – Task 6 (Follow-up and review)

- ✓ Supervision and follow-up on the implementation of traffic calming measures, in case of implementation of the detailed designs and improvement works in the selected locations or similar locations
- ✓ Undertaking reviews of impact of traffic calming measures on fatalities and injuries at the selected locations or similar locations and evaluation of effects
- ✓ *As these activities are “downstream work”, i.e. future work dependent on subsequent projects, they can be included as an option and a unit price could be offered by the consultant*

Time schedule

Time	<i>Proposed duration: 12 months</i>												Comments
Activity	1	2	3	4	5	6	7	8	9	10	11	12	
Task 1 - Practical Guide	→												
Task 2 - Review of laws & regulations	→												
Task 3 - Locations & schemes	→												
Task 4 - Knowledge sharing	→												
Task 5 - Broader implementation	→												
Task 6 - Follow-up and review													Downstream work (as per unit price)

Deliverables

Time	<i>Proposed duration: 12 months</i>												Comments
Tech Deliverables	1	2	3	4	5	6	7	8	9	10	11	12	(final versions)
T1 - Practical guide													2 months
T2 - On regulations													3 months
T3 - Bidding docs													6 months
T4 - Training report													9 months
T5 - On measures													11 months
Final Report													12 months
Mgt Deliverables	1	2	3	4	5	6	7	8	9	10	11	12	
Inception Report													
Quarterly Report													
Final Mgt Report													+ "lessons learned"

Requirements - Qualifications

✓ For the **firm**

- *A minimum no. of previous designs (e.g. 2) in recent past (e.g. last 5 years), above a certain value threshold (e.g. 150 k EUR or equivalent)*

- *Specific experience (in the region, country etc.) on road safety and in particular on traffic calming*

✓ For the **team** of individuals (experts)

- *Team leader: Road infrastructure safety specialist, min. 10 years' experience*

- *Team members should include: Road traffic management specialist, road designer, legal expert*

Your ideas are needed. Let's discuss!

- ✓ Comments on the technical content of the ToR
- ✓ Who can help and how?
 - In preparation
 - In procurement
 - In implementation
 - Regarding funding
- ✓ Agreeing the next steps

Thanks for your attention!

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