

S·h·L··W!

Show Me How Slow!

Final Report

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Installation of Dialog Displays



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1. Introduction of the problem and project area

The project is about to be implemented in a street called „Mannswörther Straße“, which is located in Schwechat, a small town in the south-east of Vienna. The street itself is surrounded by residential houses, companies and yards. Several unregulated junctions are within the project area. Although the speed limit is continuously limited to 50km/h in this area drivers are too often speeding.

In figure 1 the red triangles show where the most dangerous spots are located. The arrow points out to the project spot at the „Mannswörther Straße“.

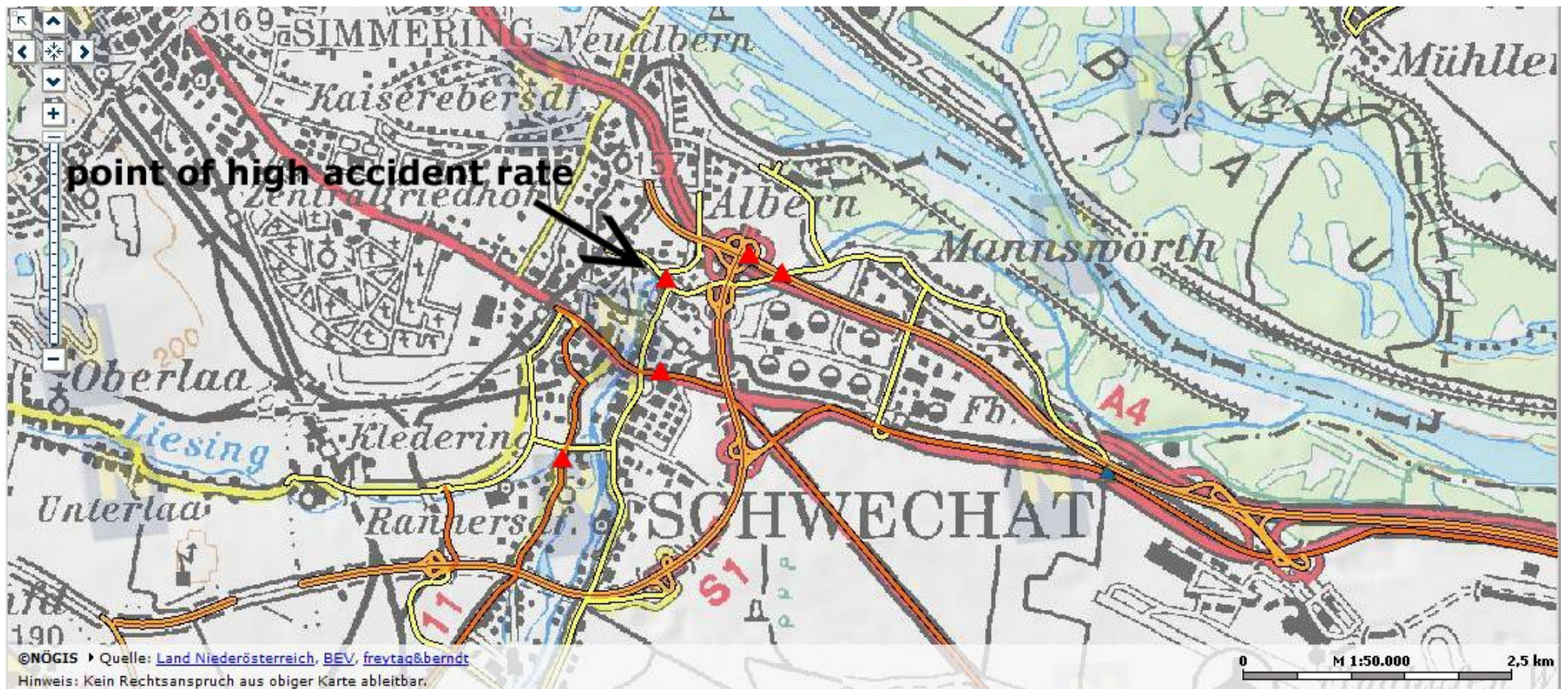


figure 1

The projects concentrates on two junctions, where Dialog Displays should be installed, in order to make these high risk junctions safer. The second figure shows the junctions and the proposed spots where the displays should be located.



figure 2

The yellow highlighted rows in figure 3 list the number of accidents at the projected junctions between 2001 and 2008: Two accidents with damage to persons at the first junction and three accidents with damage to persons at the second junction.

Zählblatt	Jahr	Datum	Ort										Unfalltyp						Verletzungsgrad						
			Bld.	Gemeinde	Str.	Ri	km	Str. 1	Str. 2	Str. 3	Haus Nr.	O/F	Typ	0-8,T,S	D	N	E	R	Alk	tot	svl	neg	lvl	verl	
1501411	UPS	2005	07.10.2005	3	32419	L2064	0	0,07			23179		F	231	2+4						0	0	0	1	1
1501433	UPS	2005	27.06.2005	3	32419	L2064	0	1,15			23179	180	F	052	0	D					0	0	1	0	1
1501106	UPS	2008	25.05.2008	3	32419	L2064	0	1,4			L23179	6-8	O	241	2+4	D			alk	0	0	1	0	1	
1501427	UPS	2005	21.06.2005	3	32419	L2064	0	1,87			23179	140	O	948	S				R	0	0	1	1	2	
1501289	UPS	2005	10.06.2005	3	32419	L2064	0	2,81			23179	53	O	242	2+4		N			0	0	1	0	1	
1501308	UPS	2005	16.02.2005	3	32419	L2064	0	3,67	L23179	23097			F	622	5+6		N			0	0	2	0	2	
1501866	UPS	2009	17.07.2009	3	32419	L2066	0	1,42	23179	23121			O	322	1+3					0	0	1	0	1	
1501430	UPS	2005	02.08.2005	3	32419	L2066	0	1,52	L23179	23229			O	411	2+4					0	0	1	0	1	
1501403	UPS	2005	02.11.2005	3	32419	L2066	0	1,52	L23179	L23229			O	511	5+6					0	0	0	1	1	
1501393	UPS	2005	31.12.2005	3	32419	L2066	0	1,52	L23179	L23229			O	511	5+6	D	N			0	0	2	0	2	
1501038	UPS	2008	17.12.2008	3	32419	L2066	0	1,52	23229	23179			O	622	5+6	D	N			0	0	1	0	1	
1501398	UPS	2005	18.11.2005	3	32419	L2066	0	1,61	L23179				O	813	8	D				1	0	0	0	0	
1501071	UPS	2008	13.08.2008	3	32419	L2066	0	1,67	23179	51806			O	031	0					0	0	0	1	1	
1501088	UPS	2008	03.07.2008	3	32419	L2066	0	2,1	23179	23158			O	051	0			E		0	0	0	2	2	
1501075	UPS	2008	06.08.2008	3	32419	L2066	0	2,1	23179	23158			O	411	2+4					0	0	1	0	1	
1501944	UPS	2007	30.08.2007	3	32419	L2066	0	2,11	23179	23158			O	622	5+6					0	0	1	0	1	
Unfälle	16																			Summe	1	0	13	6	19

figure 3

2. Introduction to Dialog Displays

The dialog display gives the driver a feedback to his way of driving. When a driver is speeding the display will show „SLOWER!“, while a driver who sticks to the required speed limit will be awarded with the display showing „THANK YOU!“

As confirmed by studies the dialog displays are also on long terms highly effective. Figure 4 gives an overview of the single parts of dialog display.

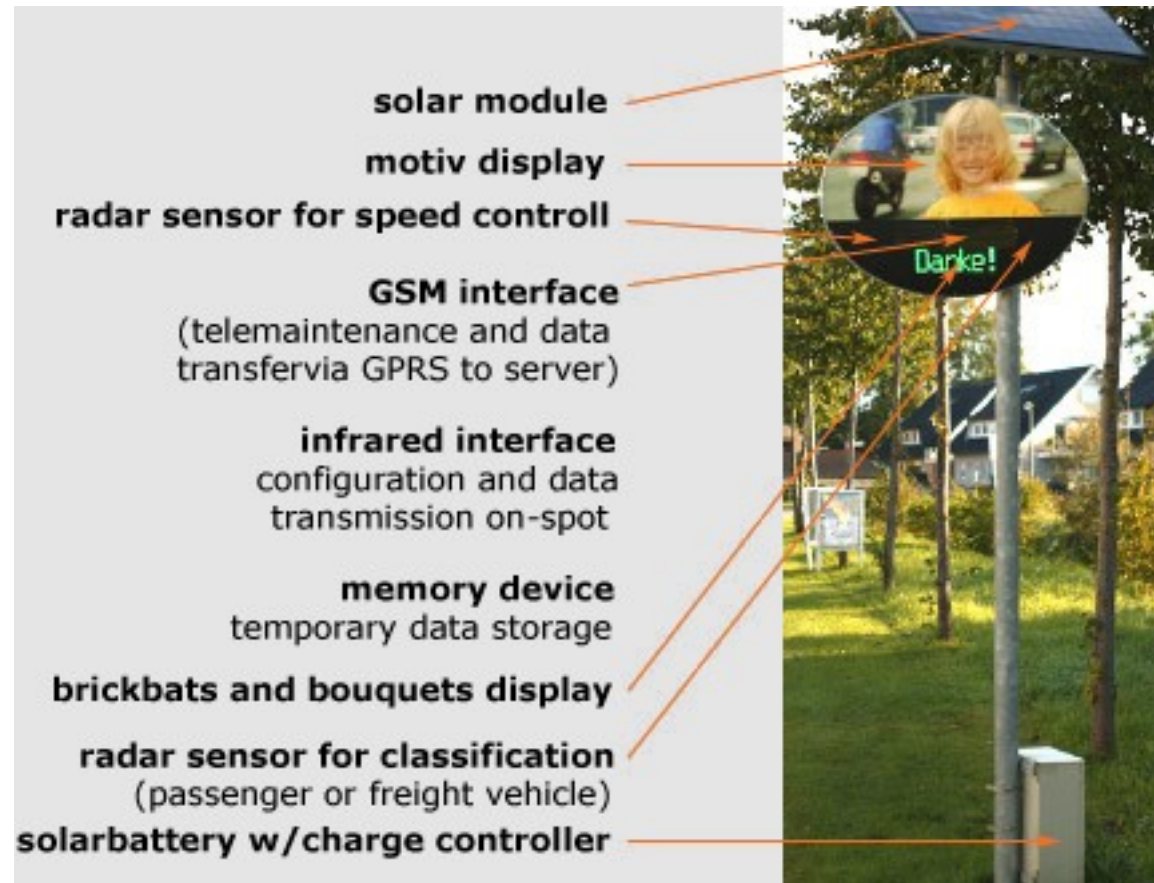


figure 4

3. Activities carried out so far

- 3rd of august: meeting with Martin Winkelbauer from KfV and on-site inspection of the project area
- 7th of december: meeting with Alexander Fördös and Martin Winkelbauer from KfV to set up timetable and concept
- 7th of december: project proposal was send to KfV
- 9th of december: request send to company RTB to implement the installation, including proposal for the assumption of costs (which will be splitted between KfV, RTB and city administration of Schwechat
- 9th of december: project proposal and request for authorisation was send to the city administration of Schwechat
- 30th of december: committment from RTB and positiv feedback from Schwechat

4. Upcoming agenda and timetable

- after traffic lights have been installed at one of the proposed junctions a new spot for the installation has to be found
- therefor a meeting with the administratives of Schwechat has to be arranged
- end of january: on-site inspection with RTB to check technical details of installation
- speed measurements at the projected crossings by KfV
- february: start test period of dialogdisplay
- 23rd of february: pressrelease by KfV
- evaluation of the project