

# Project proposal template

1. Problems
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## PROBLEMS

Primarily the project was focused on the redesign of Roosevelt Street in Olomouc. Considering the latest development and circumstances (according to municipal council decision from the end of June 2009, the trolley road is going to be built up on Roosevelt Street and at the same time the traffic situation will be solve globally in the area) and after the counsel with municipal police I have focused on different problematic street in Olomouc.

So the project is focused on adjustment of the Schweitzerova Street in Olomouc. Especially it will be focused on the section between two junctions. The first one is the junction of the streets Schweitzerova and Velkomoravska. This junction is singalised with the traffic lights. The second one is the four-arm junction of the streets Schweitzerova and Zikova operated by traffic sings.





The problems of the street consist in its barrier effect and traffic density which bears the increased danger for the most vulnerable road users like children, old people and cyclists. There are two buss stations in bays located near the traffic lights junction. The buss stations are situated nearly opposite in both directions. There is a basic school located in the area and large blocks of flats are situated on both sides of the street section. The street makes a connection between the city center and periphery.

The following measures are suggested:

- Advisory cycle lane ; the drivers can use this lane on occasion.
- Staggered stop lanes on the junction with traffic lights.
- The removal of the buss stations in to the traffic lane ó bus boarders.
- Improving the safety of the pedestrian crossings (especially one close to the basic school) by using the colorful surface ó ROCBINDA.
- Decreasing the speed limit to 30 km/h.
- Using the traffic sings ó warming on increased number of children, cyclists and pedestrians.
- To rebuild the four-arm junction (of the stress Schweitzerova and Zikova) into the roundabout.

## **OBJECTIVES**

1. Persuade the šauthoritiesš to be interested in the areas with the high numbers of children (near the schools) and the others most vulnerable road users.
2. Prevent injury of children, cyclists, old people and pedestrians.
3. Enforce the speed limited 30 km/h in the dangerous spot.
4. Implement the above mentioned safety measures.
5. Mark advisory cycle lane.

6. Speak to drivers about these measures and work on their consciousness.
7. Accent importance of the traffic calming projects. Persuade the authorities about effectiveness of these measures.

## **TARGET GROUP**

The most vulnerable road users:

- Children
- Cyclists
- Old people
- Local residents
- Drivers
- Public transport passengers

The target groups will be receivers and they will also benefit from this project. The benefits are for example less level of stress and fear, decrease number of accidents and their consequences, more comfort and support of environmentally friendly traffic modes.

In my opinion it is important to support the pedestrians and the cyclists by implementing the traffic calming and mobility measures, because cycling and walking are environmentally friendly and healthy traffic modes.

The children are the group we should respect. They are very vulnerable. The children belong to the risk group (overlook the child is very easy; children react headlong, sometimes mindlessly; they are emotionally labile which implicate inattention and carelessness and so on).

## **ACTIVITIES / TIME SCHEDULE**

29.5.09 ó The meeting with the experts and the students in CDV Brno. The meeting passed off by discussion. We were discussing the possibilities, the solutions and the implementation relevant to projects. We got the contacts and the support.

8.6.09 ó The meeting with Ing. J. Martinek in CDV Olomouc. The discussion about my project.

8.6.09 ó The visit of municipal council in Olomouc, especially the Department of Conceptions and Development. Ing. M. erný gave me information about Roosevelt Street. This day the town council began to discuss the plan to build-up of trolley road. (The discussion took three weeks and the project was approved.)

11.6.09 ó The meeting with Mgr. P. Horváth ó leader of Police in Olomouc. He gave me information about dangerous spot in Olomouc. The actual problem is Schweitzer street. (I have localized my project on this actual problem after the council decision regarding the build-up the trolley road in Roosevelt street.)

25.6.09 ó The meeting with Ing. P. Pokorný from CDV Brno in Olomouc. We were discussing the calming of dangerous spots at Schweitzer street, about the possibilities, the solutions and about the steps of realization. We agreed on the meeting in September.

#### September:

- To analyse the current situation:
  - Monitoring the traffic-engineering characteristics of the traffic on dangerous spots.
  - Speed measurement.
  - Find out the relevant accident data; eventually use the conflict situation monitoring method.
- Proposal of the measures.
- The project calculation.
- To introduce the project to police and to discuss the project proposal with Municipal council in Olomouc .

#### **EXPECTED IMPACT**

- ⇒ Increased safety for all
- ⇒ The accidents reduction
- ⇒ The injuries reduction
- ⇒ Better feeling for inhabitant in this place
- ⇒ Calming the traffic
- ⇒ Support of environmentally friendly traffic modes

#### Evaluation:

- The changes of number of injury and accident (long-term evaluation)
- The changes of attitude at the drivers and the road users
- Monitoring the traffic situation after the project realization

The cooperation with the police is essential for success of the project evaluation. The police will provide the information about accident, speeding and problems in dangerous spot. The police prove to tell me if the difference exist in the situation before and after the project implementation.

Regarding the evaluation according the number of traffic accidents, it is a long-term process. It is possible to evaluate the impact after 3 years time period. In shorter time it is possible to evaluate the impact of the project by using the method called štraffic conflicts monitoringõ.

#### Methods:

- Checklists
- Inquiry
- Observation