

## STARS Project description

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**City/University :** Cracow / Cracow University of Technology

**Project name (if any) :** Speed reduction on a narrow curve.

<p><b>Context</b></p> <p><b>Identified site</b></p>	<ul style="list-style-type: none"> <li>- Do you have identified a specific site where you want to implement your project? Yes, our site is still the same. We want to implement our plan “A” which is a dangerous curve in Dziekanowice on the outskirts of Cracow.</li> <li>- What do you know about this site: recent collisions? Data collected? We visited District Road Management where we obtained data of collisions from 2008 to 2011 (workers of District Road Management do not have older data).</li> <li>- What people think about this site (public perception, knowledge of people on speed/road safety...) Actually, we didn’t interview inhabitants about this site. Workers of District Road Management realize that on this road there is a bad traffic organization.</li> </ul>
<p><b>Ideas</b></p> <p><b>Objectives</b></p>	<ul style="list-style-type: none"> <li>- What is your idea? Measures? Explain why you think it is relevant. Our idea has changed since we were in Brussels because of Polish law and behaviour of young citizens of our country . We decided not to put a police officer shape because it can be destroyed easily; acts of vandalism are quite common in our country. Double continuous lines are forbidden on roads narrower than 5.8 m so instead of putting this lines we manage to introduce single dashed line which will warn drivers that the curve is dangerous and narrow. We measured speed from both directions of a curve. We think it is relevant because it is the best way to compare results before and after implementation. Acoustic lines, which were proposed during the Camp, by ETCS experts, are also forbidden by law.</li> <li>- What are your objectives? Our objectives are to implement our solution in Dziekanowice and to create a facebook profile on road safety.</li> <li>- Expected results? We expect to decrease speed on the curve to lower the risk of accidents and collisions . Our aim is also to create a facebook profile on which we plan to put information not only about our project but also about road</li> </ul>

	<p>safety. We want to make drivers aware that speed is a real danger.</p>
<p><b>Strategy</b></p> <p><b>Partners</b></p>	<ul style="list-style-type: none"> <li>- <b>How will/are you implement your project?</b> We were in Cracow Department of Geodesy, Cartography and Land Registry where we bought appropriate maps to do our project. We measured speed on curve to encourage local authorities that excessive speed on the curve is a problem. We made a project which was shown to our supervisor (prof. Stanisław Gaca), to experts from General Directorate for National Roads and Highways and to workers of District Road Management. We received helpful clues how to improve our project according to Polish law. Now our aim is to change our project according to the clues. We were advised to check traffic system before and after the curve. We did so and will show a complete project to District Road Management which initially declared itself to fund our project.</li> <li>- <b>Which material will/do you need?</b> A few signs, a paint to make lines on street and cat's eyes and a better map (because in the Cracow Department of Geodesy, Cartography and Land Registry they don't have appropriate maps, so we have to use internet maps).</li> <li>- <b>Which partners (University, companies, local authorities...)? Do you have already contacted some, any feedback?</b> Our partners are our university and District Road Management. District Road Management agrees to implement a project and probably will give money. We don't know exactly whether they will pay for everything so we do not write letters for support, we don't know if we should ask for money or only for support and recommendation letters.</li> <li>- <b>What and where ETSC could help you?</b> We want ETSC to give answers to our emails when we have doubts.</li> <li>- <b>What did you do so far?</b> We have gained map and collisions data. We have done speed measurements, contacted institution responsible for our road and gained their support.</li> </ul>
<p><b>Communication</b></p>	<ul style="list-style-type: none"> <li>- <b>Will/Do you develop any communication tools to promote your activities (for infrastructure projects)?</b> No, we want to create a facebook profile on road safety, not only about our solution.</li> <li>- <b>Will you contact local press? Any communication activities done so far?</b> We plan to contact local press, but not yet. At first we want to finish up project and when the project is being implemented, we will contact local media.</li> </ul>
	<ul style="list-style-type: none"> <li>- <b>Have you/Will you conduct a pre evaluation before you start any actions?</b></li> </ul>



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<b>Evaluation</b>	<p>We measured speed before and will measure speed after the project is completed.</p> <ul style="list-style-type: none"><li>- <b>How will you assess the effectiveness of your measures? (very important)</b> Speed measurement.</li></ul>
<b>Observations</b>	<ul style="list-style-type: none"><li>- <b>Any comments? Difficulties (so that we can do our best to help you)</b> The only one difficulty is if our sponsor which declared to give money for our project will say that it don't want to fund it or they will fund it next year.</li><li>- <b>Approximate timing</b> We have to talk to District Road Management about the time they want to impelment the solution. Then we will be able to answer this question.</li></ul>