

User Needs for Intersection Safety Systems

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Abstract

Nowadays, most so called 'accident black spots' have been eliminated from the road networks. However, intersections can still be regarded as accident black spots. Depending on the region and country, from 30 % to 60 % of all injury accidents and up to one third of the fatalities occur at intersections. Thus, the European R&D project INTERSAFE-2 aims to develop and demonstrate a co-operative intersection safety system, in order to significantly reduce injury and fatal accidents at intersections. In line with this project, the user needs for intersection safety systems and the users' impressions respectively attitudes towards such systems were determined with the aid of a questionnaire which has been executed in six European countries. The results of the Europe-wide questioning are presented within this paper.