



The future SafetyCube Decision Support System 2015

The SafetyCube European Road Safety Decision Support System (DSS) is one of the key objectives of the SafetyCube project to better support evidence-based policy making. The SafetyCube results will be assembled in the form of a **Decision Support System** that will present for each suggested road safety measure: details of the risk factor tackled, the measure itself, the best estimate of casualty reduction effectiveness, the cost-benefit evaluation and the analytic background. While the development and evaluation of the measures will be developed into a format and structure that will enable industry, policy-makers and other stakeholders to access the information in an efficient manner within the DSS.

The systems approach used as a basis for the analysis will also provide the framework for the DSS produced by the project. In order to provide policy-makers and industry with comprehensive and well-structured information about measures, it is essential that a systems approach is used to ensure the links between risk factors and all relevant safety measures are made fully visible.

The DSS will become a major source of information for industry, policy-makers and the wider road safety community; it will incorporate the knowledge base of accident causation, risks and measures that will be developed in the project and the underlying methodological systems. It will enable a considerable advance in the provision of evidence-based road safety policies. It will be developed in a form that can readily be incorporated within the existing European Road Safety Observatory of the European Commission DG-MOVE.

To properly apply the DSS and ensure it remains up to date there will be the need for an active and developing infrastructure to maintain the science base and offer a future analysis service. To prepare for the continuation of the DSS after project completion the SafetyCube team will work closely with the stakeholders, using specific consultation mechanisms, to gain a full understanding of their needs and to prepare a business plan that will guide the further development of the DSS and ensure it remains capable of addressing future road safety evaluation needs.