Objective

Every year, more than 330 people are killed in more than 1200 accidents at road-rail level crossings in the European Union. The level crossings have been identified as being a particular weak point in road infrastructure, seriously affecting road safety. In the case of railway transport, level crossings accidents contribute to as much as 50% of all fatalities caused by railway operations. In order to help to minimise the current accident statistics SELCAT intends to carry out the following coordination activities: - To provide a knowledge base for the improvement of level crossing safety by carrying out an analysis of results of safety-related projects from FP5 and FP6 with regard to Railway and Road Transport - To provide an overview of existing and planned level crossing research in European countries and in Japan - To analyse incident and accident data and databases related to level crossings - To propose a standard for reporting level crossing accidents in European countries - To set up a common level crossing accident information system - To examine the potential for, and practicability of, existing and new technologies to improve the safety and the
and practicability of existing and new technologies to improve the safety and the performance of level crossing systems. -To investigate the applicability of available risk and cost-benefit analysis methods for the classification of technological solutions for the safer interface of rail and road traffic at level crossings -To disseminate the results of SELCAT by specific workshops, special sessions at conferences and setting up a thematic Level Crossing web portal. In general the coordinating activities of SELCAT will contribute to the practical implementation of the Safety Directive of the European Parliament which prescribes a wide range of new duties of stakeholders in railway transport. By performing a deep analysis of completed and existing European research SELCAT aims to identify the future research needs for the road/rail sectors in respect of level crossing safety.

Programme(s)

Topic(s)

Call for proposal

FP6-2005-TRANSPORT-4

Funding Scheme

CA - Coordination action

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