ECOROADS

Effective and COordinated ROAD infrastructure Safety operations

Funding: European (Horizon 2020)
Duration: Jun 2015 - May 2017
Status: Complete
Total project cost: €999,500
EU contribution: €999,500

Call for proposal: H2020-MG-2014_SingleStage_B
CORDIS RCN: 194817

Objectives:

The general objective of the project is to overcome the barrier established by a formal interpretation of the two Directives 2008/96/EC (on road infrastructure safety management) and 2004/54/EC (on tunnels), that in practice doesn’t allow performing infrastructure safety checks inside tunnels.

The main problem is that, while from the user’s (drivers) point of view a road is a unique linear infrastructure generally in open terrain and sometimes in closed environment (tunnels), a strict application of the two Directives leads to a non-uniform approach to the infrastructure safety management outside and inside tunnels.

To overcome this barrier, Ecoroad aims at the establishment of a common enhanced approach to road infrastructure and tunnel safety management by using concepts and criteria of the Directive 2008/96/CE on road infrastructure safety management and the results of related EC funded projects.

Such objective will be achieved through the following specific objectives:

- Workshops with the stakeholders (European tunnel and road managers); Analysis/review of national practices regarding Road Safety Inspections (RSI) and Road Safety Audit (RSA), starting from the results of the 2 studies recently launched by DG Move to assess the impact of the two Directives 2008/96/EC (on road infrastructure safety management) and 2004/54/EC (on tunnels)
- Exchange of best practices and experiences between European tunnel experts and road safety professionals
- Pilot joint safety operations in some European road sections having both open roads and tunnels
- Recommendations and guidelines for the application of the RSA and RSI concepts within the tunnel safety operations

Thanks to the high transferability of the ECOROADS results, the present formal gap between the Directive 2008/96/EC and the Directive 2004/54/EC will be completely filled and will lead to “faster, more sustainable and better planned interventions.”

Parent Programmes:
H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport

Institute type: Public institution
Institute name: European Commission
Funding type: Public (EU)

Lead Organisation:
<table>
<thead>
<tr>
<th>Organisation Name</th>
<th>Address</th>
<th>EU Contribution</th>
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<tbody>
<tr>
<td>Forum Des Laboratoires Nationaux Europeens De Recherche Routiere</td>
<td>Boulevard de la Woluwe 42 1200 Brussels Belgium</td>
<td>€402,250</td>
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<tr>
<td>Association Des Societes Francaises D'autoroutes Et D'ouvrages A Peage</td>
<td>3, rue Edmond Valentin 75007 PARIS France</td>
<td>€96,900</td>
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<tr>
<td>European Transport Safety Council</td>
<td>Rue du Cornet 22 1040 BRUSSELS Belgium</td>
<td>€132,400</td>
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<td>Associazione Italiana Dei Professionisti Per La Sicurezza Stradale</td>
<td>PIAZZA DEL TEATRO DI POMPEO 2 00186 ROMA Italy</td>
<td>€153,350</td>
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<tr>
<td>European Union Road Federation</td>
<td>Place Stéphanie 6/b 1050 Bruxelles Belgium</td>
<td>€100,525</td>
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<tr>
<td>South-East Europe Transport Observatory</td>
<td>OMLADINSKIH BRIGADA 1 11198 BEOGRAD Serbia</td>
<td>€114,075</td>
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Technologies:
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Infrastructure management
Field testing of the road infrastructure management systems

**Development phase:** Demonstration/prototyping/Pilot Production

**STRIA Roadmaps:** Infrastructure
**Transport mode:** Road transport
**Transport sectors:** Passenger transport, Freight transport
**Transport policies:** Safety/Security
**Geo-spatial type:** Other