REFINET
REthinking Future Infrastructure NETworks

Funding: European (Horizon 2020)
Duration: May 2015 - Apr 2017
Status: Complete
Total project cost: €998,236
EU contribution: €998,236

Call for proposal: H2020-MG-2014_SingleStage_B
CORDIS RCN: 194899

Objectives:

Launching a European long-term ambition and initiative to increase the overall performance of multimodal transport infrastructures, the REFINET CSA intends to:

1. create a sustainable network of European and international stakeholders’ representatives of all transport modes and transport infrastructure sectors
2. deliver a shared European vision of how to specify, design, build or renovate, and maintain the multimodal European transport infrastructure network of the future along with innovative processes so as to enhance the effectiveness of the sector
3. elaborate a Strategic Implementation Plan with a comprehensive set of prioritised actions to made the REFINET vision a reality - as well as providing private and public decision makers with a set of up-to-date recommendations and guidelines (including good practices and lessons learnt) for strategic actions and required levels of cooperation between all stakeholders.

REFINET will consider two complementary scenarios, namely maintenance and upgrading of existing transport infrastructures, and development of new transport infrastructures. REFINET will contribute to create a European-wide consensus on where to focus in terms of research and innovation to improve the productivity of the assets (reducing maintenance costs, extending the life span...) and reduce drastically traffic disruptions of transport flows from inspection, construction and maintenance activities, and to accommodate increasing/changing traffic demand.

Thus, REFINET will pave the way to enhanced technology integration and transfer and mass-market development for innovative materials, components, systems and processes supporting the pan-European generalisation of advanced multimodal infrastructures, handling the demand within various industrial sectors and help match the EU-2020 Strategy, and achieve goals of main stakeholders. The REFINET consortium is made of 8 partners from 5 European countries (Spain, France, Italy, Belgium, United Kingdom).

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:

Partner Organisations:

Fundacion Plataforma Tecnologica Espanola De La Construccion
<table>
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<tr>
<th>Organisation Name</th>
<th>Address</th>
<th>EU Contribution</th>
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<tbody>
<tr>
<td>C/ DIEGO DE LEON 50 4A PLANTA</td>
<td>C/ DIEGO DE LEON 50 4A PLANTA 28006 MADRID</td>
<td>€143,333</td>
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<tr>
<td>Union International Des Chemins De Fer</td>
<td>16 rue Jean Rey 75015 PARIS</td>
<td>€86,875</td>
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<td>Fundacion Tecnalia Research &amp; Innovation</td>
<td>Parque Tecnologico De Bizkaia - Calle Geldo - Edificio 700 48160 Derio Spain</td>
<td>€121,000</td>
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<tr>
<td>Ove Arup &amp; Partners International Limited</td>
<td>FITZROY STREET 13 LONDON W1T 4BQ</td>
<td>€78,750</td>
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<tr>
<td>D'appolonia</td>
<td>Via San Nazaro 19 16145 GENOA Italy</td>
<td>€141,250</td>
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<td>Forum Des Laboratoires Nationaux Europeens De Recherche Routiere</td>
<td>Boulevard de la Woluwe 42 1200 Brussels Belgium</td>
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<tr>
<td>Company</td>
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<td>Dragados Sa</td>
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<td><a href="http://www.grupoacs.com">http://www.grupoacs.com</a></td>
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**Technologies:**
- Information systems
- Sustainable urban mobility planning

**Development phase:** Research/Invention

**STRIA Roadmaps:** Infrastructure

**Transport mode:** Multimodal transport

**Transport sectors:** Passenger transport, Freight transport

**Transport policies:** Other specified

**Geo-spatial type:** Other