The opinions expressed in the studies are those of the consultant and do not necessarily represent the position of the Commission.

NR2C

New Road Construction Concepts towards reliable, green, safe & smart and human infrastructure in Europe

Project details

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<th>Domain</th>
<th>Road and Tunnel Infrastructure</th>
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<tr>
<td>Duration</td>
<td>from 01/02/2003 until 30/11/2007</td>
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<tr>
<td>Website</td>
<td><a href="http://www.fehrl.org/nr2c">http://www.fehrl.org/nr2c</a></td>
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<td>Other sources</td>
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European countries contain a large amount of surface transport infrastructure, which sometimes appears inappropriate to meet societal demands. Road-building techniques have developed slowly, due to a limited number of significant technical breakthroughs, poor coordination among stakeholders and a focus directed primarily on resolving current problems. No global European road concept has yet come to the fore; the upcoming enlargement of the European Union should heighten the acute need for a sustainable integrated European surface transport network.

Creating a global vision for the road of the future and confronting both technological and societal problems within a single research process have thus taken on urgency; such is the objective behind the NR2C proposal.

Based on a large survey among road stakeholders, this project is aimed at selecting safe, environment-friendly and subtle concepts in order to strike a compromise between reduced global construction/maintenance costs, safety and environmental criteria.

Coordinator

- Laboratoire Central des Ponts et Chaussées (FR)

Partners

- Eurovia Management (FR)
- GREISCH Ingénierie (BE)
- Autostrade per l’Italia (IT)
- Forum of European National Highway Research Laboratories (EUR)
- MSC MAGYAR SCETAURTE LTD ENGINEERS AND CONSULTANTS (HU)
- Ecole Polytechnique Fédérale de Lausanne (CH)
- Ministerie van Verkeer en Waterstaat (NL)
- Belgian Road Research Centre (BE)
- JEAN MULLER INTERNATIONAL (JMI) (BE)