Objective

The transport network across Europe faces challenges relating to carbon reduction targets, energy security, and depletion of natural resources, without sacrificing its efficiency and compromising mobility. In addition, the road and rail infrastructure in particular are ageing and require renewal. Simultaneously, advances in sensors, mobile communications, smart ticketing and ‘big data’ offer the potential for customers to become an active part of the transport operations system and have the information to make decisions – for transport to enable ‘mode agnostic’ personal and business travel and – for freight operators to have more resilience and better reliability in their systems.

The European transport system faces also an unavoidable societal challenge, which is achieving new levels of resource-efficiency, environmental-friendliness, safe and seamless transport for the benefit of citizens, the economy and society. In order to tackle the challenges and reap the benefits outlined above, infrastructure owners and transport operators will be required to work together, along with other crucial stakeholders, to share knowledge and cooperate in a way that will be beneficial to all parties, and this proposal seeks to facilitate this.

The objective of this project is to better understand the common challenges experienced across transport modes, bring representatives of transport modes together to share experience and skills and to develop a set of common research objectives. The project will draw upon the experience gained from the Joint European Transport platform with the focus on infrastructure operations, and will also focus on research objectives presented in the Forever Open Road programme and the work of the FORx4 - Forever Open Road, Railway, Runway and River - A Cross-modal transport initiative for research for which FEHRL produced a ‘Point of View’ document.

Related information

Report Summaries

Periodic Reporting for period 2 - USE-IT (Users, Safety, security and Energy In Transport Infrastructure)
Coordinator

FORUM DES LABORATOIRES NATIONAUX EUROPEENS DE RECHERCHE ROUTIERE
Boulevard de la Woluwe 42
1200 Brussels
Belgium
EU contribution: EUR 344,534,72

Activity type: Higher or Secondary Education Establishments
Contact the organisation

Participants

TRL LIMITED
CROWTHORNE HOUSE NINE MILE RIDGE
RG40 3GA WOKINGHAM
United Kingdom
EU contribution: EUR 130,362,50

Activity type: Other
Contact the organisation

AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH
GIEFINGGASSE 4
1210 WIEN
Austria
EU contribution: EUR 116,926,25

Activity type: Higher or Secondary Education Establishments
Contact the organisation

LABORATORIO NACIONAL DE ENGENHARIA CIVIL
AV DO BRASIL 101
1700 066 LISBOA
Portugal
EU contribution: EUR 85,687,50

Activity type: Higher or Secondary Education Establishments
Contact the organisation

EURNEX e. V.
HARDENBERGSTRASSE 12
10623 BERLIN
Germany
EU contribution: EUR 99,526,25

Activity type: Research Organisations
Contact the organisation