A Network of Excellence for Advanced Road cooperative traffic management in the Information Society

From 2008-07-01 to 2013-06-30, closed project | NEARCTIS Website

Project details

| Total cost: | EUR 3 134 212 |
| EU contribution: | EUR 2 500 000 |
| Coordinated in: | France |

| Topic(s): | ICT-2007.6.2 - ICT for cooperative systems |
| Call for proposal: | FP7-ICT-2007-2 | See other projects for this call |
| Funding scheme: | NoE - Network of Excellence |

Objective

NEARCTIS (Network of Excellence: Advanced Road Cooperative Traffic management in the Information Society) is an academic network involving several of the main teams working on the field of traffic management and optimisation, with a particular focus on cooperative systems. Within the field of ICT for mobility, the project deals more specifically with the question of cooperative systems for road traffic optimisation, but it covers a wider scope as it appears that cooperative systems have to be integrated into the whole traffic management system. This aims to develop systems able to cope with what are the main problems at stake: safety, energy consumption, environmental impacts and congestion as an obstacle to mobility. The main objective of the project is to constitute what could be considered as a virtual research institute. This means elaborating the main elements of this reach institute: building a consistent research program, defining a set of shared resources (data, experimental means, bibliographical databases), organising the spreading of knowledge and research results. To reach these objectives, the project will include an harmonisation of the research program of all the partners on the various topics addressed, specification of case studies to be made in common, and the elaboration of a dissemination and training program for researchers and professionals. A focus is made on spreading excellence towards the scientific community of the field, particularly for the European Union newcomers. The project is designed as a first step towards constituting a permanent virtual institute ensuring consistency between research programs and good mutualisation of resources. Tight relationships with the international scientific community, but also with the main stakeholders of the field (traffic operators, local authorities, consultants or manufacturers) are ensured through a network of associated partners who are involved into all the main activities of the project.

Related information

Documents and Publications

- NEARCTIS Publishable Summary
- Factsheet-Final
Coordinator

INSTITUT FRANCAIS DES SCIENCES ET TECHNOLOGIES DES TRANSPORTS, DE L'AMENAGEMENT
BOULEVARD ISAAC NEWTON 14 CITE DESCARTES 14-20
77447 MARNE LA VALLEE CEDEX 2
France

EU contribution: EUR 233 407

Activity type: Research Organisations

Administrative contact: Juliette Renaud
Tel.: +33472142585
Contact the organisation

Participants

ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE
BATIMENT CE 3316 STATION 1
1015 LAUSANNE
Switzerland

EU contribution: EUR 257 276

Activity type: Higher or Secondary Education Establishments

Administrative contact: Edward Chung
Tel.: +41216392343
Fax: +41516936349
Contact the organisation

DEUTSCHES ZENTRUM FUER LUFT - UND RAUMFAHRT EV
Linder Hoehe
51147 KOELN
Germany

EU contribution: EUR 163 817

Activity type: Research Organisations

Administrative contact: Christine Zöllter
Tel.: +49 3067055139
Fax: +49 3067055126
Contact the organisation
INSTITUT NATIONAL DE RECHERCHE SUR LES TRANSPORTS ET LEUR SECURITE
Avenue du General Malleret-Joinville 2
94114 ARCUEIL
France

**Activity type:** Research Organisations

**Administrative contact:** Jean-Baptiste Lesort
Tel.: +33472142541
Fax: +33472142550

Contact the organisation

EUROPE RECHERCHE TRANSPORT
AVENUE FRANCOIS MITTERRAND 25
69675 BRON
France

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

**Administrative contact:** Juliette Renaud
Tel.: +33 4 72142585
Fax: +33 4 72376837

Contact the organisation

POLYTECHNEIO KRITIS
TERMA AGIOU MARKOU PLATEIA AGIOU TITOU
73132 CHANIA-KRITI
Greece

**Activity type:** Higher or Secondary Education Establishments

**Administrative contact:** MARKOS PAPAGEORGIOU
Tel.: +30 28210 37289
Fax: +30 28210 37584

Contact the organisation

TECHNISCHE UNIVERSITEIT DELFT
STEVINWEG 1
2628 CN DELFT
Netherlands

**Activity type:** Higher or Secondary Education Establishments

**Administrative contact:** Serge Hoogendoorn
Tel.: +31 15 2785475
Fax: +31 15 2783179

Contact the organisation
UNIVERSITY OF SOUTHAMPTON
Highfield
SO17 1BJ SOUTHAMPTON
United Kingdom

EU contribution: EUR 270 525

Activity type: Higher or Secondary Education Establishments
Administrative contact: AMANDA COE
Tel.: +44 23 8059 865
Fax: +44 23 8059 21

See on map

IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE
SOUTH KENSINGTON CAMPUS EXHIBITION ROAD
SW7 2AZ LONDON
United Kingdom

EU contribution: EUR 205 347

Activity type: Higher or Secondary Education Establishments
Administrative contact: Shaun Power
Tel.: +44 207 594
Fax: +44 207 594

Contact the organisation

UNIVERSITY COLLEGE LONDON
GOWER STREET
WC1E 6BT London
United Kingdom

EU contribution: EUR 270 922

Activity type: Other
Administrative contact: Benjamin Heydecker
Tel.: +44 20 7679 155
Fax: +44 20 7679 156

Contact the organisation

Subjects
Coordination and Cooperation - Electronics and Microelectronics - Information Processing and Information Systems - Telecommunications

Last updated on 2017-04-21
Retrieved on 2019-08-18

© European Union, 2019