

PROJECT

AM4INFRA

Common Framework for a European Life Cycle based Asset Management Approach for transport infrastructure networks

Funding: European (Horizon 2020)

Duration: Sep 2016 - Aug 2018

Status: Complete

Total project cost: €1,499,860

EU contribution: €1,499,860



Call for proposal: H2020-MG-2015-Singlestage-B

[CORDIS RCN : 204966](#)

Objectives:

Achieving a well-integrated, optimal performing transport infrastructure network in Europe is a key element in the White Paper on Transport's overall ambition for a single European Transport Area in 2050. As such it complements and supports the pillars on efficient and sustainable transport means and operations.

The required integration and enhancement of the European transport infrastructure networks needs a shift towards next levels of governance capabilities that can adequately address the key societal challenges. In the framework of this CSA on a life cycle based asset management approach for transport infrastructure networks, these challenges are related to:

An unprecedented call for network capacity and performance

An unprecedented call for transparent, coherent and consistent decision making on cost-performance

The (mostly public) financing of the transport infrastructure system has met with concrete fiscal limits. Already in many countries in the EU, this has led to a backlog in maintenance and replacement. Unless decisive actions are taken on network construction, maintenance and operations, this trend will result in mounting congestion losses in the economic powerhouses on the short term and to prohibitive obstructions in transport flows across the European transport network on the medium term. This calls for cross asset, cross modal and cross border decision making by the appropriate authorities, implying their close coordination and collaboration. The precondition for this is transparency to each other as well as to policy and society. This requires them to share a common vision and objectives, in a common language and from a common information base.

The governance challenge is to provide the key stakeholders in the infrastructure governance with appropriate data, methods and tools in order to enable their decision making on cost-performance to be transparent, coherent and consistent across the assets, across the modes, and across the borders.

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:

Ministerie Van Infrastructuur En Waterstaat

Address:

Van Den Burgweg
2628 CS Delft

Netherlands

EU Contribution: €319,125

Partner Organisations:

Ethniko Kentro Erevnas Kai Technologikis Anaptyxis

Address:

Charilaou Thermi Road
57001 Thermi Thessaloniki
Greece

Organisation Website:

<http://www.certh.gr>

EU Contribution: €58,875

Anas Spa

Address:

Via Monzambano 10
100 Roma
Italy

EU Contribution: €329,875

Forum Des Laboratoires Nationaux Europeens De Recherche Routiere

Address:

Boulevard de la Woluwe 42
1200 Brussels
Belgium

Organisation Website:

<http://www.fehrl.org>

EU Contribution: €200,225

Uniresearch

Address:

DELFTECHPARK 37 J
2628 XJ DELFT
Netherlands

Organisation Website:

<http://www.uniresearch.nl>

EU Contribution: €118,250

Wuppertal Institut Fur Klima, Umwelt, Energie Gmbh

Address:

Doppersberg 19
42103 Wuppertal
Germany

EU Contribution: €73,385

Highways England Company Ltd

Address:

BRIDGE HOUSE 1 WALNUT TREE CLOSE
GUILDFORD
GU1 4LZ
United Kingdom

EU Contribution: €319,125

National Roads Authority

Address:

Waterloo Road
Dublin 4
Dublin
Ireland

Organisation Website:

<http://www.nra.ie>

EU Contribution: €81,000

Technologies:

Unclassified
Non-technology

STRIA Roadmaps: Infrastructure

Transport mode: Multimodal transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Societal/Economic issues

Geo-spatial type: Other