



Starting date 1<sup>st</sup> May 2015

Duration 24 months

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TECNALIA



D'Appolonia Spa



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Forum of European National  
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Union Internationale Des  
Chemins De Fer



Plataforma  
Tecnológica Española de  
Construcción



Ove Arup & Partners



## REthinking Future Infrastructure NETworks



*This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 653789*

[www.refinet.eu](http://www.refinet.eu)

## REthinking Future Infrastructure NETworks

### What is REFINET?

REFINET is a Coordination Support Action CSA funded by the European Commission whose objective is to create a sustainable network that integrates the relevant stakeholder representatives of all the transport modes and transport infrastructure sectors in order to create a shared European vision of how the multi-modal European transport infrastructure network of the future should be specified, designed, built or renovated, and maintained. This vision will include, but not be limited to, cross-modal aspects in order to enhance the effectiveness of the sector. In addition, REFINET will elaborate a Strategic Implementation Plan (SIP) that will define the innovation activities that are required to make this vision a reality.

REFINET aims to foster a systematic exchange of information and results across Europe, as well as deliver the elements required to create an approved platform for common understanding and response to common problems. As such, the coordinated activities of REFINET will lead to the increased dissemination of know-how and emerging innovation, which will in turn enable the cross-fertilisation between members of the communities and their various disciplines. At the same time, the project will build a future knowledge base that will transcend the boundaries between organisations and communities involved in future transport infrastructures.

The REFINET network will gather together the various stakeholders from different profiles and expertise involved in increasing complex infrastructures and services (and therefore processes) to sustain the improvement and effectiveness of the sector. This network will be open to both European and non-European stakeholders

Moreover, REFINET has a close collaboration with other two CSAs USE-iT and FOX in order to bring additional benefits to each of the three projects. These CSAs organize share workshops and technical meetings.



### Structure of REFINET

The project has been divided up into five Work Packages (WPs) as shown below:

#### **WP1 – MANAGEMENT**

This WP, led by CSTB, is devoted to the management of the project Consortium. It deals with the governance structure for an effective project direction and management.

#### **WP2 – COMMUNITY NETWORK BUILDING**

WP2 focuses on creating the community of transport infrastructure stakeholders that will collaborate with the REFINET partners to develop the REFINET vision and its Strategic Implementation Plan (SIP) deployment strategy. FEHRL is the leader of this work.

#### **WP3 – DEFINING VISION AND SIP**

This work, to be steered by TecNALIA, focuses on elaborating the vision of the European transport infrastructure sector, including what the multi-modal European transport infrastructure network of the future should look like and the SIP to achieve it.

#### **WP4 – DEPLOYING SIP**

WP4 focuses on creating the framework that will enable the future development of the REFINET SIP. It is driven by d'Appolonia.

#### **WP5 - COMMUNICATION AND DISSEMINATION**

Led by PTEC, WP5 deals with the dissemination and the exploitation of the results.

REFINET is driven by the European Construction Technology Platform (ECTP) and most members of the project are also members of ECTP. ECTP was set up in 2004 by the construction sector on the request of the European Commission and is today one of the 38 European Technology Platforms (ETPs) which are industry-led and recognised by the European Commission as key actors in driving innovation, knowledge transfer and European competitiveness.

ECTP gathers around 180 member organisations from the construction sector and other sectors from the whole supply chain of the Built Environment. The Built Environment involves tightly interconnected private and public infrastructure and serves many industries and services (eg transport, energy, cities, etc). The Built Environment is also our main living environment - the place (homes, offices, transport infrastructures, cultural places, etc.) where we spend more than 80% of our time. The quality of the Built Environment therefore directly impacts the quality of our lives. Challenges such as energy, climate change, efficiency, safety and more generally sustainability are of the utmost importance to the Built Environment and very often need to be tackled within an integrated approach.

The main mission of ECTP and its committees (including a specific one on infrastructure and mobility) is to develop the new R&D&I strategies to improve competitiveness, meet societal needs and take up environmental challenges through an innovative Built Environment

