



Press Release

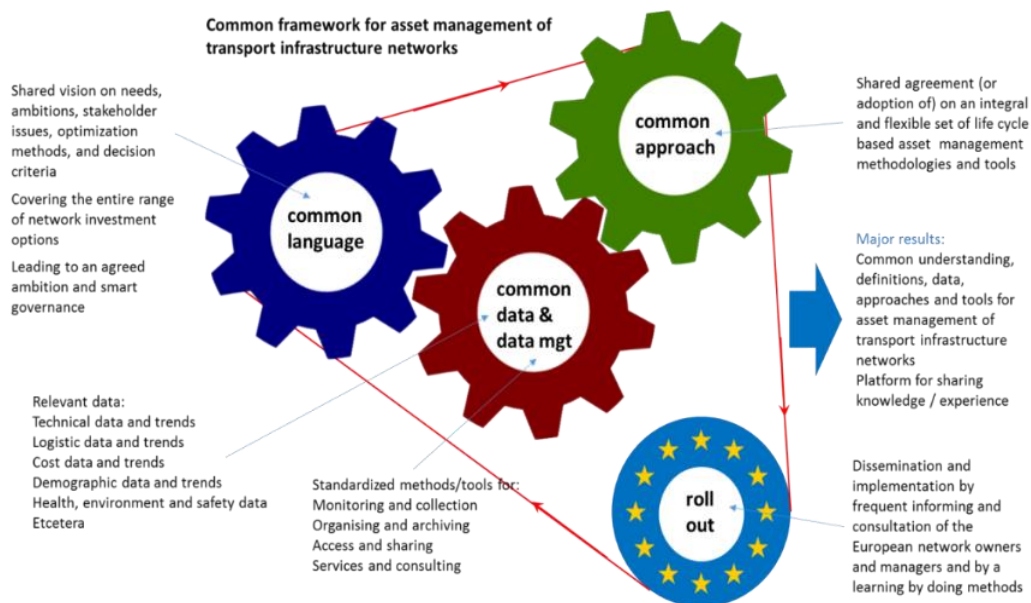
AM4INFRA to deliver 1st ever common European asset management framework approach.

AM4INFRA is a 24-month H2020 project that is supported by CEDR and ProRail.

In August 2018, AM4INFRA will deliver the first ever common European asset management framework approach that enables consistent and coherent cross-asset, cross-modal and cross-border decision making, building on ongoing bottom-up actions, best practices and contemporary experiences of four National Infrastructure Agencies that are considered frontrunners in the development and application of asset management in their networks governance.

The overall objective of this project is to launch a life cycle and risk based Asset Management framework approach enabling transparent and comparable governance of transport infrastructure networks across Europe. The framework approach builds from clear designation of roles and responsibilities of asset owners and asset managers as well as of service providers from industry. It provides a slate of models for assessing whole life cycle and risks to performance of the network. The framework will be supported by data management tools that ensure transparent and compatible optimisation and collaboration actions of the infrastructure authorities within the modes, across the modes and across Europe.

The overall concept, its major conceptual elements and the targeted results are depicted in the figure below. The envisioned common framework comprises three major elements: common language, common data and data management, and common model approach represented as three separate cogwheels. These three cogwheel elements need to be aligned to make the framework operational and to enable the roll out in Europe.



Project Methodology

There are four technical workpackages in the project:

WP1 – Stakeholders’ focused objectives

WP1 aims to develop a common language to push forward in cross-modal and cross-border optimisation of transport networks. This common language includes identification of common definitions, principles and methodologies for decision-making and prioritisation of infrastructure investments and actions crossing political, institutional and network borders. These common principles and methodologies aim to optimise collective welfare under constraints of limited resources and take into consideration the elements of resilient networks.

WP2 – Whole life cost and risk based approach for road network management

WP2 deals with life cycle management, risk based approach and asset performance. It will assess the practices adopted in a range of European countries with different types of national networks, identify current tools used and specific risk based and whole life cost tools applied for life cycle planning. The aim of this WP is to develop a portfolio of good practices, promoting a framework that allows the application of whole life cost and risk based principles for developing network programmes.

WP3 – Information and data management

WP3 deals with data and information management. The challenges are to classify the assets’ key information, create an asset data dictionary and to design a common core system model for asset information management. This needs to be faced at European level to guarantee a common approach for asset information management and ensure uniform standards on trans-European networks.

WP4 – Replication, Dissemination and Communication

This WP focuses on sharing knowledge, experience and good practises. This means frequent informing and consultation of the European stakeholders, such as CEDR members, network owners and infrastructure managers, etc. Also learning by doing methods will be developed.

Stakeholder event

The 1st Stakeholder event of the project will take place in October 2017. The main focus will be the guideline for the use of the framework architecture, case examples of good practice for applying whole life cycle as well as business blue print of an asset information management core system. The objective is to obtain external buy-in and understanding the specific needs of stakeholders such as CEDR, ProRail, Network Rail and Rete Ferroviaria Italia.

Contacts

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