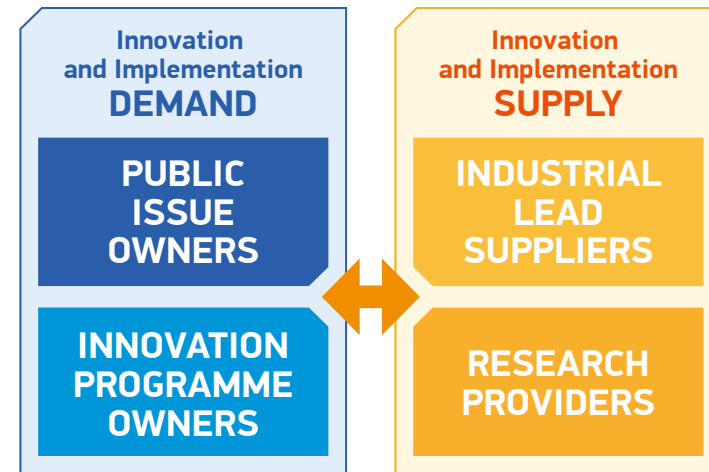


infra4Dfuture stakeholder engagement

The coordination mechanism will build on a structured dialogue between relevant stakeholders from public, industry and research. In this dialogue the demand side for innovation and implementation is formed by the public infrastructure managers as the 'issue owners' and hence the implementing client for innovation, and European and transnational public programme owners as funding client. The supply side in the dialogue is formed by relevant industry as lead supplier of innovation, and supporting research providers.



infra4Dfuture outcomes:

- **Concerted rolling transport innovation programme portfolio until 2040**, spanning European, and transnational innovation programmes
- **Comprehensive coordination mechanism**, supported by the relevant stakeholders, to guide the development and deployment of the activities within the respective concerted portfolio of programmes with aim to drive the effective delivery of demand driven, ready to implement, cost effective innovative solutions.
- **Supported framework for professional competence building** in order to support the implementation and deployment of the innovative solutions up to larger network scales. On basis of this framework the stakeholders from education and training can be engaged.
- **Strategic stakeholder platform** to deploy the coordination mechanism during a multiannual period – 2021-2027 involving the relevant stakeholders from public, industry and research and guiding from a common vision on infrastructure capabilities for 2040.

1. Rijkswaterstaat (Ministerie van Infrastructuur en Waterstaat) - NL
2. Vaylä - FI
3. Agentschap Wegen en Verkeer - BE
4. Latvijas Valsts Ceļi - LV
5. Vejdirektoratet - DK
6. Trafikverket - SE
7. Statens Vegvesen - NO
8. BMVI (Bundesministerium für Verkehr und digitale Infrastruktur) - DE
9. BASt (Bundesanstalt für Straßenwesen) - DE
10. ANAS S.p.A. - IT
11. bmvit (Bundesministerium für Verkehr, Innovation und Technologie) - AT
12. Ministerio de Fomento - ES
13. Infraestruturas de Portugal - PT
14. Ministerstwo Infrastruktury - PL
15. Ministerstwo Gospodarki Morskiej i Żeglugji Śródlądowej - PL
16. CERTH / HIT (Centre for Research and Technology Hellas / Hellenic institute of Transport) - GR
17. Ministère de la Transition écologique et solidaire - FR
18. Netei Israel - IL
19. Karayollari Genel Müdürlüğü - TR
20. TÜV Rheinland Consulting



Peter Wilbers, Rijkswaterstaat
peter.wilbers@rws.nl, +31622907912

Richard van der Elburg, Rijkswaterstaat
richard.vander.elburg@rws.nl, +31 6 25098927



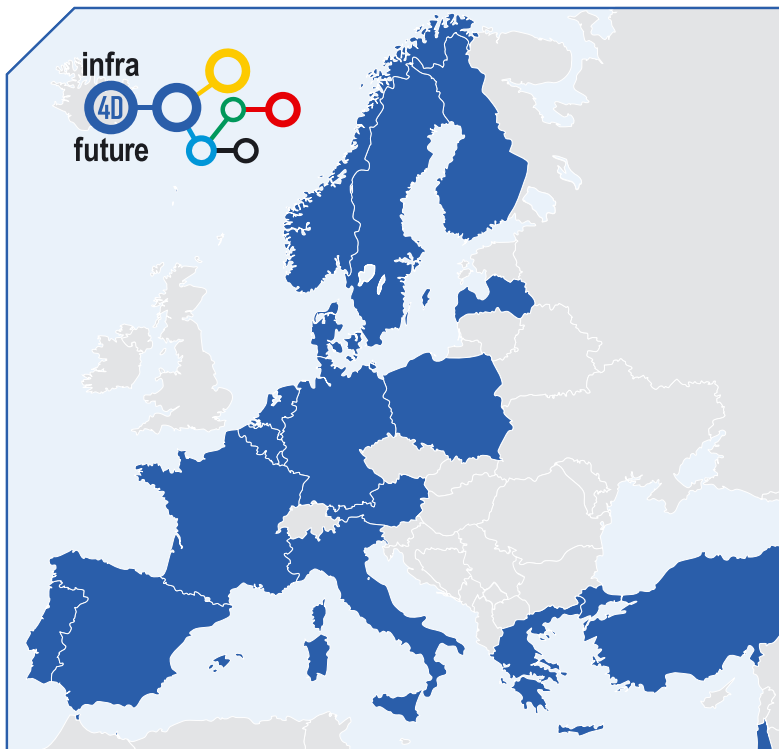
Building a strategy and coordination mechanism for future demand-driven multimodal transport infrastructure innovation and implementation



infra4Dfuture origin

Transport infrastructure managers have an urgent need for innovative solutions that are cost-effective and readily implementable in their operations. These operations comprise of the basic physical and organisational structures and facilities needed for the operation of the transport network. This includes buildings, access roads and flanking supply networks for power and data/information.

Acknowledging the large commonality in the challenges each of them needs to address, nineteen infrastructure managers from Europe, Turkey and Israel have joined forces in the infra4Dfuture (i4Df) initiative to deliver an effective coordination mechanism for demand driven infrastructure innovation and implementation up to larger network scales. The i4Df initiative is financed as a Coordination and Support Action (CSA) by the European Commission with a duration from 1 October 2018 to 30 September 2020 (Grant Agreement No 824269). In addition, the initiative is supported by the Conference of European Directors of Roads (CEDR) and the European Rail Infrastructure Managers (EIM).



Combined, the i4Df consortium partners are responsible for managing transport infrastructure that covers the largest part of the TEN-T network. Through the support from CEDR and EIM the initiative achieves virtually complete leverage of the results across the European transport system. i4Df joins forces to address common transport infrastructure challenges.

infra4Dfuture approach

In order to build awareness, understanding, trust and endorsement, over the course of the project runtime (until 30 September 2020), four high level Stakeholder Conferences will be organised, in which high level representatives from the four mentioned stakeholder groups will discuss and conclude on the (strategic) content and workings of the mechanism. The high level Stakeholder Conferences are supported by expert workshops and EU-regional outreach events.

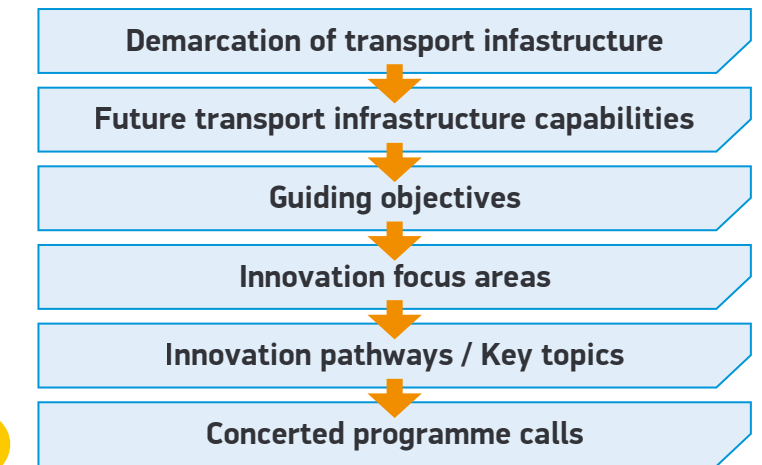
Following endorsement of the coordination mechanism in the fourth high level Stakeholder Conference that is planned in conjunction with the TRA conference in Helsinki in April 2020, its roll-out will focus on concertation of a portfolio for European and transnational innovation programmes for the next decade.

infra4Dfuture events



infra4Dfuture content

The i4Df coordination mechanism will drive effective demand driven innovation and implementation from a common vision on the key capabilities of infrastructure management in 2040 and corresponding guiding objectives.



infra4Dfuture impact

The overall objective of delivering the i4Df coordination mechanism is to enable effective, demand driven infrastructure innovation and implementation ensuring noticeable benefits for the transport system's end-user. More in particular the impact of rolling out the i4Df coordination mechanism will be:

- More ready-to-implement, cost effective innovative solutions to address the challenges infrastructure managers are facing (already today). This will be enabled by cutting out duplications between the various corresponding innovation programmes as well as by enabling focused twinning of results, and structured gate reviewing of next stages in innovation development and implementation.
- Shorter time to market of the respective innovative solutions, enabling a faster response by the infrastructure managers –as the implementing clients- to the demands and needs of the end-users for infrastructure services. This will be enabled by anticipating follow-up stages along the designated innovation pathways towards deployment of cost-effective solutions. .
- More on target solutions through concerted cooperation and collaboration of the relevant stakeholders under the guidance of a coherent set of common, long term objectives from the public infrastructure managers. This approach will ensure appropriate 'market perspective' for industrial suppliers' innovation actions and initiatives.

i4Df will deliver maximum impact from innovation and implementation funding.