

i4Df IN PROGRESS

The infra4Dfuture (i4Df) initiative is a Coordination and Support Action (CSA) funded by the H2020 programme (Grant Agreement No 824269). The main aim of the initiative is to develop a demand-driven overarching strategy and mechanism for the transnational coordination of multimodal transport infrastructure innovation and implementation.

i4Df is now running for 22 months:

- Most of the project deliverables have already been submitted and a few final ones are on their way.
- The 3rd i4Df Stakeholder Conference took place in Bonn (on the 12th December 2019).
- The four EU Regional Outreach Events took place in September-November 2019 (see page 4).
- The final i4Df GB meeting will take place on 9th-10th September (see page 4).

This ambitious project, encompassing experts and national transport infrastructure authorities from multi modalities from 17 countries, is proceeding according to plan, towards reaching its goal for better coordinated multi-modal transport infrastructure innovation and implementation in Europe and beyond.

D1.2: JOINT VISION ON TRANSPORT INFRASTRUCTURE INNOVATION UNTIL 2040

This deliverable describes the Innovation Focus Areas (IFA) that are key in delivering innovation and implementation actions in the context of the three infrastructure capabilities for 2040 that have been described in deliverable D1.1 'Stakeholder map for transport Infrastructure innovation'. The deliverable can be downloaded from the i4Df website.

D4.3: GENERIC COMMUNICATION AND DISSEMINATION PACKAGE NR.2

This deliverable sums up the communication and dissemination material that has been newly produced since the D4.2, as well as updates of already existing material and tools.

D4.7: GENERIC COMMUNICATION AND DISSEMINATION PACKAGE NR.2

This deliverable concerns information and materials produced and communicated and related to the 2nd i4Df Stakeholder Conference, like the i4Df leaflet, the draft document "Transport infrastructure capabilities for 2040" (version May 2019), the 2nd i4Df Stakeholder Conference agenda, the presented Power Point and further dissemination materials.

For more information visit: <http://www.i4df.eu>

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INNOVATION FOCUS AREAS FOR INFRASTRUCTURE INNOVATION AND IMPLEMENTATION

Capability 1: Infrastructure optimally meeting end user needs

The ability to provide optimal transport infrastructure network capacity in order to accommodate increasing transport needs, and balancing cost, performance, safety and risk to provide infrastructure as a high quality service to end users.

Innovation Focus Area (IFA 1.1/2 Integrated): Network performance management
Innovation Focus Area (IFA 1.3): Responsible and innovative procurement and finance

Capability 2: Infrastructure meeting environmental and social sustainability needs

The ability to embed transport infrastructure networks in their immediate surroundings, optimally balancing interests from economy, society, and environment.

Innovation Focus Area (IFA 2.1): Decarbonisation of infrastructure management and its end user (smart mobility and logistical services, individual end users). Use digitalisation to support the achievement of sustainability targets and provide a better service to infrastructure end users.
Innovation Focus Area (IFA 2.2): Preserving the environment
Innovation Focus Area (IFA 2.3): Integrating multi-layer networks and nodes

Capability 3: Infrastructure achieving added value from digitalisation

The ability to harvest the benefits from digitalisation in internal processes of transport infrastructure management (e.g. planning, design, construction, operation, end-of-life) as well as in the relation between transport infrastructure management and its end user (smart mobility and logistical services, individual end users). Use digitalisation to support the achievement of sustainability targets and provide a better service to infrastructure end users.

Innovation Focus Area (IFA 3.1): Smart data and information ecosystem for accommodating automated and connected transport
Innovation Focus Area (IFA 3.2): Information provision for process optimisation in infrastructure management

Innovation Focus Areas for 2040 per capability

i4Df PUBLICATIONS SECTION

All public i4Df initiative deliverables and articles are available in the i4Df website under the publications section

<http://www.i4df.eu/downloads.html#>

UPCOMING DELIVERABLES

“D1.3, Joint innovation pathways until 2040”

Providing clear descriptions and timelines for development and implementation and deployment for innovative solutions for each of the infrastructure capabilities defined by the NTIA.

4TH i4Df GB MEETING IN VIENNA

The 4th i4Df Governance Board meeting took place in Vienna (Austria) on the 13th and 14th of November 2019, hosted by the Austrian Ministry for Transport Innovation and Technology (BMVIT).

During the two days of the meeting; Coordinator, Work Package and Task leaders presented the progress made in i4Df since the previous GB and an outlook on upcoming activities and events. Further important components of the 4th i4Df GB meeting were the presentation of and agreement on the main building blocks of the i4Df cross-modal coordination mechanism and initial ideas for operationalisation.



i4Df MID-TERM REVIEW MEETING IN BRUSSELS

On the 9th of December 2019, a mid-term review meeting of the i4Df initiative took place at the RWS Brussels Office. The meeting aimed to assess the achievement of the first year's objectives as described in the project's Description of Action. The Coordinator and the Work Package leaders presented the work carried out and progress made in the 1st year of the initiative to both, INEA project officer Mr. Sergio Escriba and DG MOVE policy officer Mr. Rafal Stanecki.

All objectives, deliverables and milestones for the first period have been successfully achieved; Mr. Sergio Escriba posed interested questions and gave valuable comments and suggestions for the second and last phase of the i4Df initiative. The excellent progress of i4Df and successful mid-term review meeting result from a good collaborative spirit within the i4Df consortium.



3RD STAKEHOLDER CONFERENCE IN BONN

On the 12th December 2019, the 3rd i4Df Stakeholder Conference took place at the Ministry for Transport and Digital Infrastructure in Bonn. The event was attended by around 50 strategic stakeholder representatives from National Transport Infrastructure Authorities (NTIAs), industrial lead suppliers, research providers and public-sector innovation programme owners. The 3rd Stakeholder Conference offered the opportunity to develop an effective and structured dialogue on the needs, priorities and challenges of the forthcoming coordination mechanism for the modernization of transport infrastructure.



Three key speeches were delivered by Birgitta Worrigen (BMVI), Cees Brandsen (RWS) and Torsten Klimke (DG Move). All underlining the need for collaboration among the European countries towards a fully developed coordination mechanism for the modernization of transport infrastructure.

Key part of the conference was a panel discussion with high-level representatives from DG Move, several NTIA, and other stakeholders. During the panel discussion (“A cooperation mechanism that delivers value to National Transport Infrastructure Authorities”) each panellist presented and explicated his statement about the suggested cooperation mechanism while further questions followed from both the presenters and conference participants. All the attendants were invited to react with a “like” or “dislike” to these six statements written on a paper panel displayed in a prominent place of the room.



The conference continued in the afternoon session with presentations of three IFAs.

The 3rd i4Df Stakeholder Conference was concluded with a brief wrap-up session, in which Tiina Auhainen (Väylä) provided key findings of the respective discussion groups and gave a brief overview of the planned TRA2020 conference in Helsinki in April 2020 (which was later cancelled due to COVID-19).

i4Df CONSORTIUM

The i4Df consortium encompasses 20 participants, 19 of them being National Transport Infrastructure Authorities (NTIA) covering road, rail and water transport infrastructure.

They represent national transport and infrastructure programmes from 17 countries that can be distinguished in

- EU Member States: Sweden, Finland, The Netherlands, Germany, France, Italy, Spain, Portugal, Latvia, Italy, Belgium, Greece, Poland and Austria;
- FP7 associated countries: Norway, Turkey and Israel.

STAKEHOLDER INVOLVEMENT

The coordination mechanism will build on a structured dialogue between relevant stakeholders from public, industry and research:

- National Transport Infrastructure Authorities
- Innovation Programme Owners
- Industrial Lead Suppliers
- Research Providers

EU REGIONAL OUTREACH EVENTS SEPTEMBER-NOVEMBER 2019



North event, Latvia, Jūrmala, 11th September 2019

Participants from six Northern European countries including the European Commission and i4Df partners attended the full day event.



West event, France, Paris, 30th September 2019

The i4Df event was organised in conjunction with a workshop of the H2020 AEROFLEX initiative. A joint plenary meeting was hosted by the Routes de France.



East event, Poland, Warsaw, 15th October 2019

The event was organized by the Polish Ministry of Infrastructure together with the Ministry of Maritime Economy and Inland Navigation. High level representatives from Germany, Austria, Czech Republic, Slovakia, Hungary and Slovenia attended the full day event.



South event, Greece, Thessaloniki, 5th-6th November 2019

High level experts from Greece, Italy, Israel, Romania, Serbia, Kosovo along with i4Df initiative partners attended the event and presented their (national) vision for 2040 infrastructure development and operation.

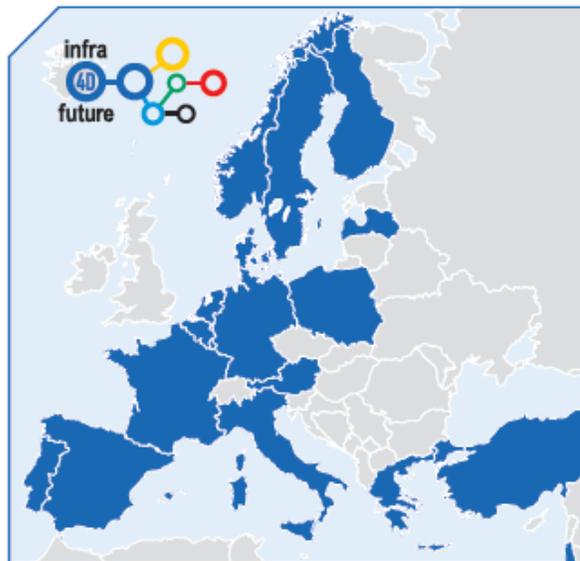
For more information visit: <http://www.i4df.eu>

FUTURE EVENTS

- The **closing i4Df GB meeting** (virtual meeting) scheduled for 9th-10th September 2020.
- Digital event will be organised early September by CERTH/HIT. Details will be announced soon to i4Df website: <http://www.i4df.eu>

WEBSITE INFORMATION

For further information on the i4Df initiative, visit the website and subscribe to our newsletter to stay up to date:
<http://www.i4df.eu>



JOIN US ON SOCIAL MEDIA



<https://twitter.com/i4Dfproject>



<https://www.linkedin.com/groups/13655794/>



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i4Df Consortium

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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 Żeglugi 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. Netivei Israel - IL 
19. Karayollari Genel Müdürlüğü - TR 
20. TÜV Rheinland Consulting - DE 

