

**infra**  
**4D**  
**future**



**Coordinating  
Transport Infrastructure  
Innovation and  
Implementation**





# H2020 Coordination and Support Action

infra4Dfuture



Rijkswaterstaat  
Ministry of Infrastructure  
and Water Management

Peter Wilbers  
Coordinator

Brussels, 7-8 November 2018



Infrastructure for the future = infra4Dfuture = i4Df

*Demand-driven,  
multimodal*

- H2020 Coordination and Support Action (CSA)
- Development of an overarching strategy and coordination mechanism
  - for future demand-driven multimodal infrastructure innovation and implementation
  - that will allow National Transport Infrastructure Authorities to align their efforts in modernizing the transport infrastructure network
- Duration: 1 Oct 2018 – 30 Sep 2020



# infra4Dfuture consortium



(short) name	country	(short) name	country
1. RWS (Coordinator)	NL	14. MI PL	PL
2. LIIKENNEVIRASTO	FI	15. MMEIN	PL
3. AWV	BE-FL	16. CERTH/HIT	GR
4. LSR	LV	17. MTES	FR
5. DRD	DK	18. NTIC	IL
6. Trafik Verket	SE	19. KGM	TR
7. NPRA	NO	20. TRC (admin.)	DE
8. BMVI	DE		
9. BAST	DE		
10. ANAS	IT		
11. bmvit	AT		
12. FOMENTO	ES		
13. Infraestruturas de Portugal	PT		

**17 countries**

**19 National Transport Infrastructure Authorities (or their representatives)**



# infra4Dfuture country coverage



# infra4Dfuture outcomes



- Concerted rolling portfolio of programmes and initiatives
  - European, (inter) national
- Supported coordination mechanism involving relevant stakeholders
  - To drive the effective delivery of innovative solutions
- Supported framework for professional competence building
  - To support the implementation and deployment of the innovative solutions
- Strategic stakeholder platform
  - infra4Dfuture Stakeholder Platform for Infrastructure Innovation and Implementation (ISPIII)
  - To deploy the coordination mechanism



# infra4Dfuture impact



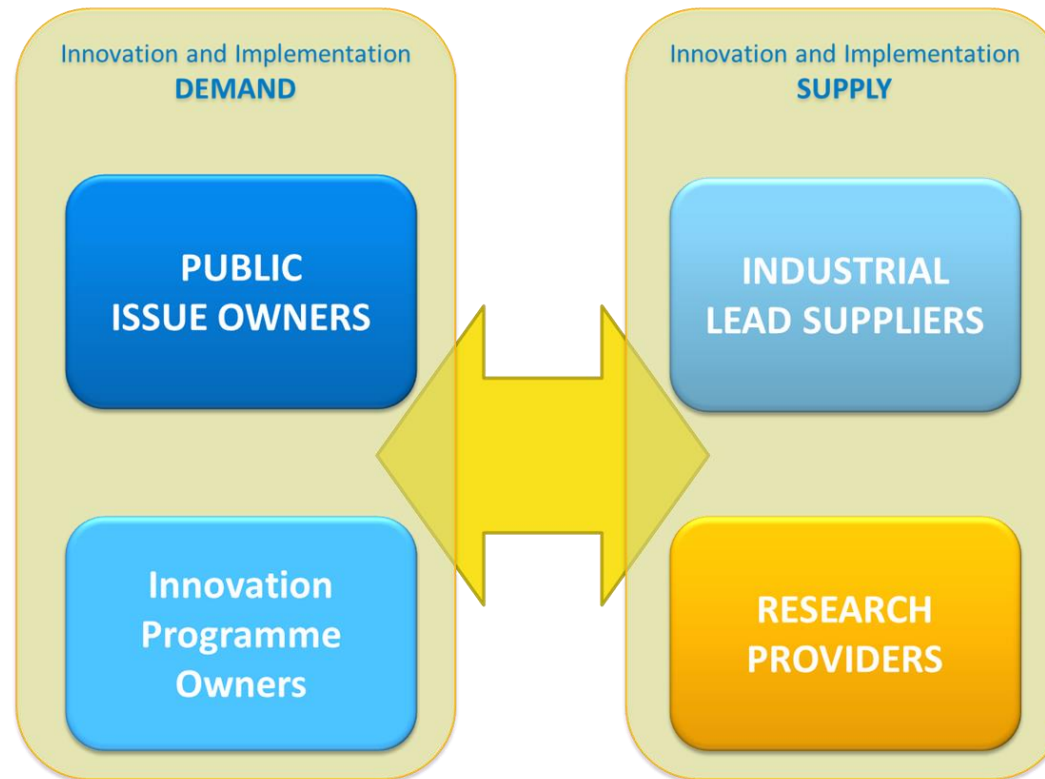
Quicker benefits for the end-user

- More ready to implement, cost-effective innovative solutions
  - Less duplications, gaps and mismatches
  - Twinning & co-programming of a rolling portfolio
- Shorter time to market
  - Active involvement of industry, research and programme owners
  - Staged gate reviewing process on relevant KPIs
- More on target
  - Guidance/orchestration from concrete infrastructure capabilities in 2040



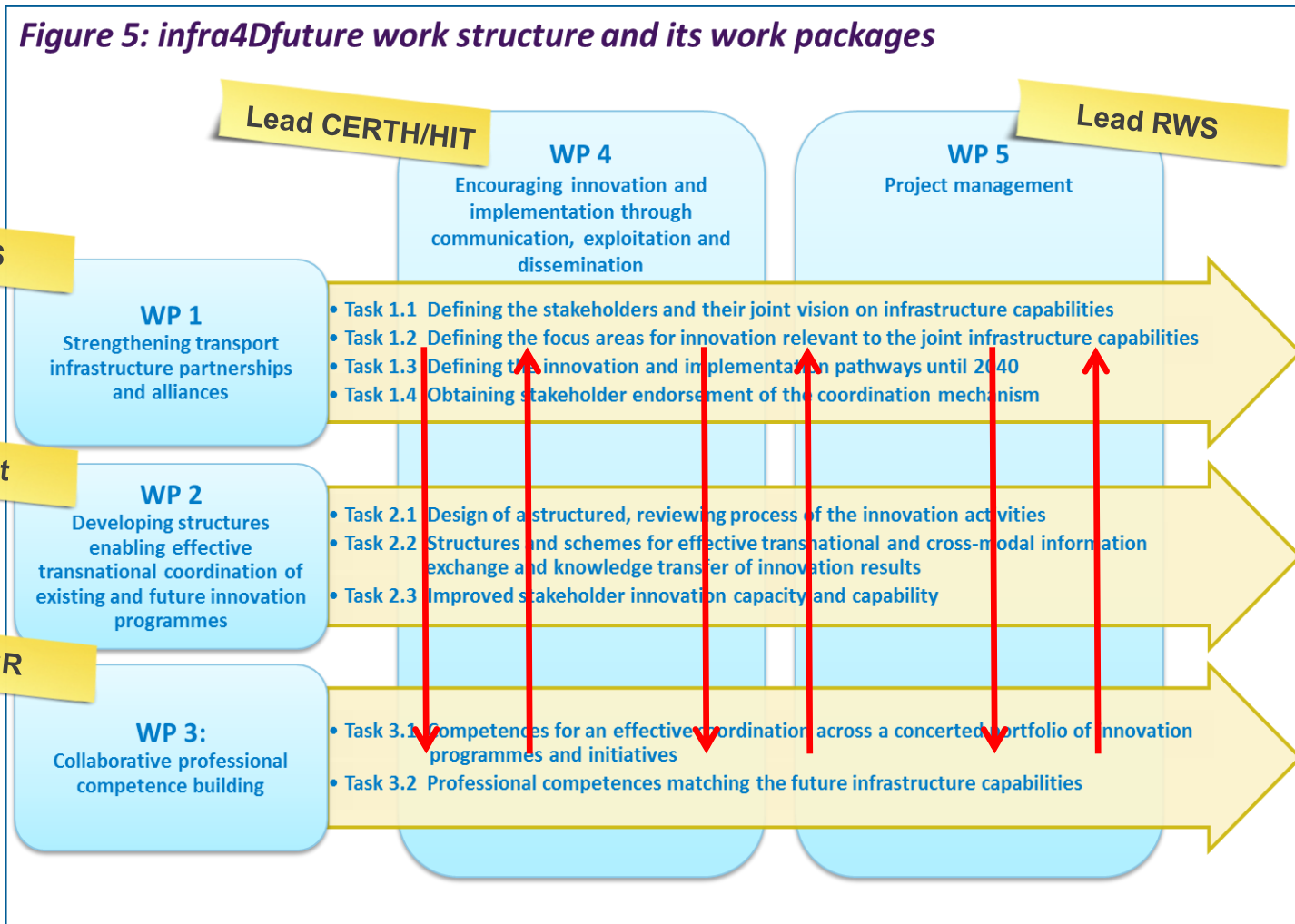
# infra4Dfuture stakeholder groups

**Figure 1:** *Demand and supply side of innovation and implementation*



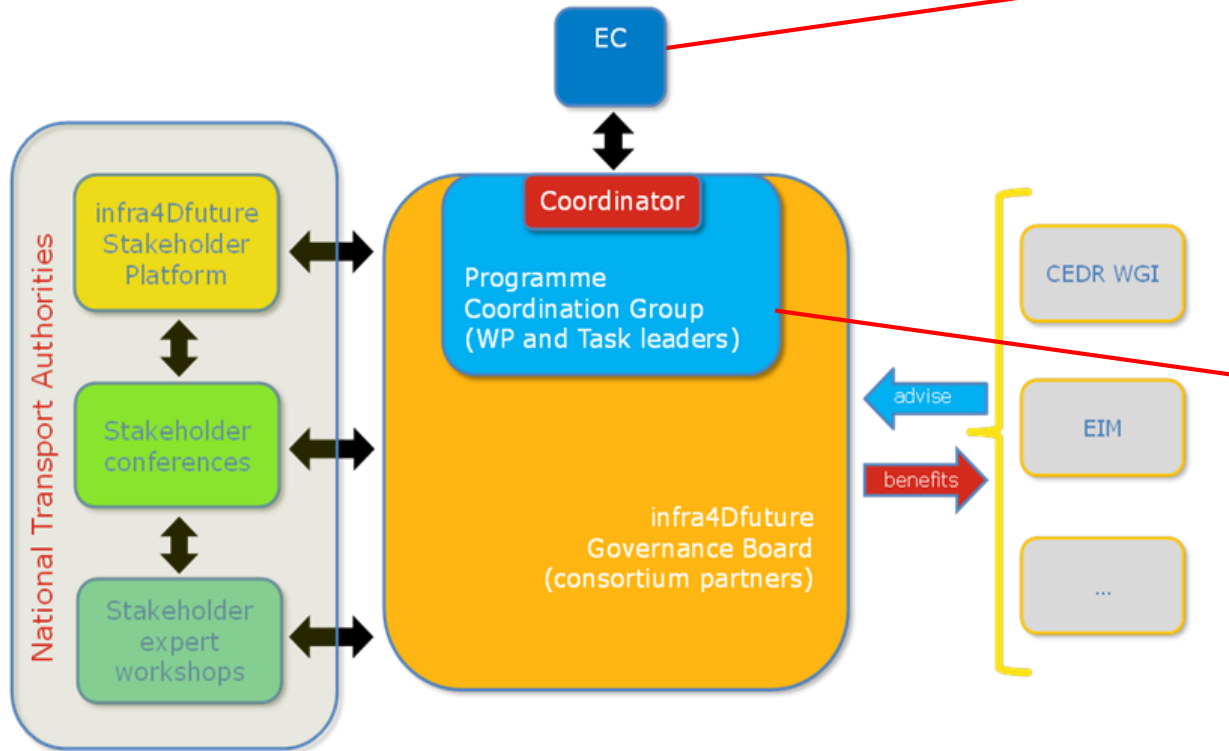


# infra4Dfuture Work Packages



# infra4Dfuture governance structure

**Figure 8: infra4Dfuture Governance Structure**



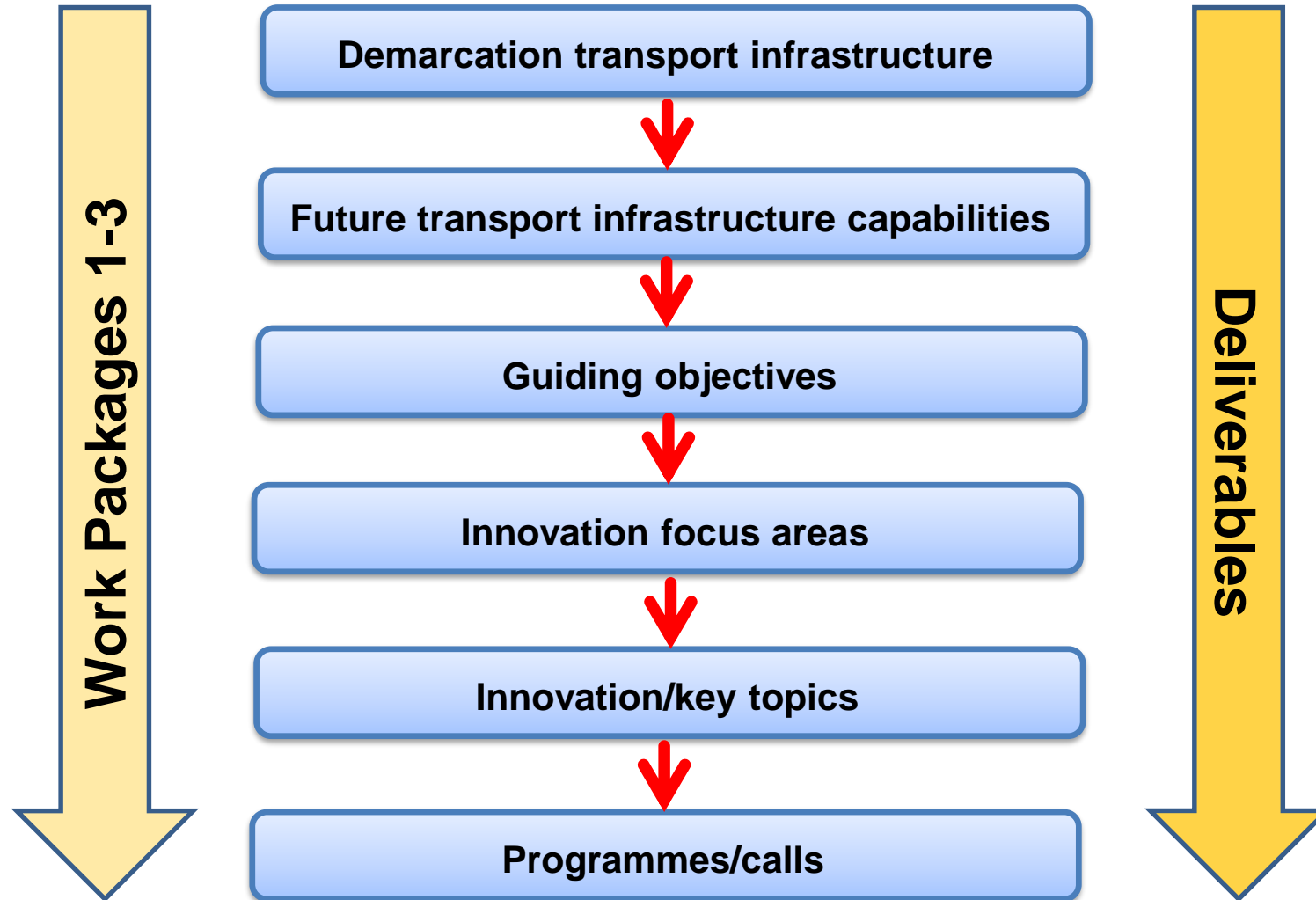
- INEA Project Manager Sergio Escriba
- DG MOVE Policy Officer Rafal Stanecki

- Programme Coordination Group:
- RWS
  - BAsT
  - LIIKENNEVIRASTO
  - TRV
  - LSR
  - CERTH/HIT
  - ANAS
  - TRC

# infra4Dfuture approach



# infra4Dfuture content



# infra4Dfuture starting points



- Consortium composed of National Transport Infrastructure Authorities (or their representatives)
- Initiative owned by i4Df consortium supported and (funded by) the EC
- Initiative is innovation demand driven: Public Issue Owners and Innovation Programme Owners are in the lead
- Industry is 'lead supplier', research providers are in support
- Innovation needs emerge from investment challenges from the various societal challenges
- Horizon is 2040

*i4Df is an evolving initiative*





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