

# Welcome!

**Infravation**  
An Infrastructure Innovation Programme

## **Infravation 2014 Call Information/brokerage event**

### Brussels, 20 March 2014



Rijkswaterstaat  
Ministry of Infrastructure and the  
Environment

Peter Wilbers



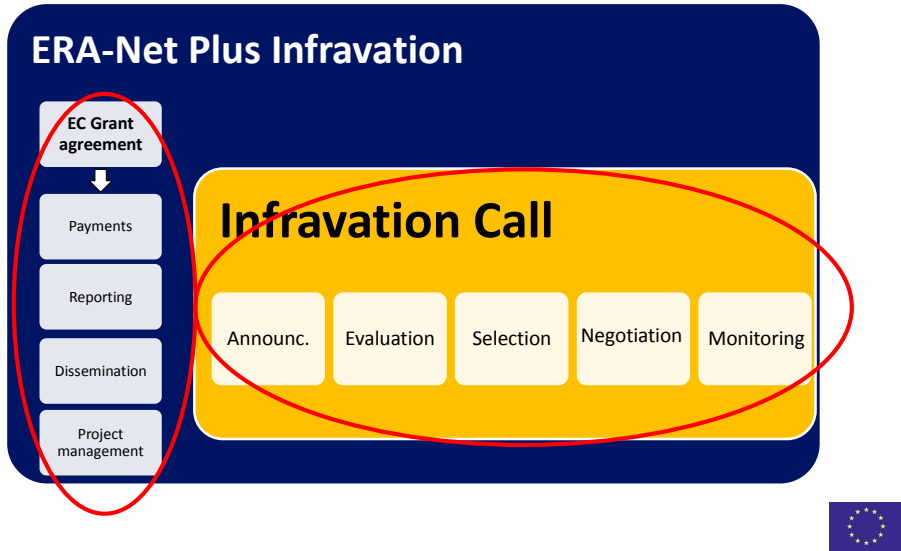
**Infravation**  
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## Programme

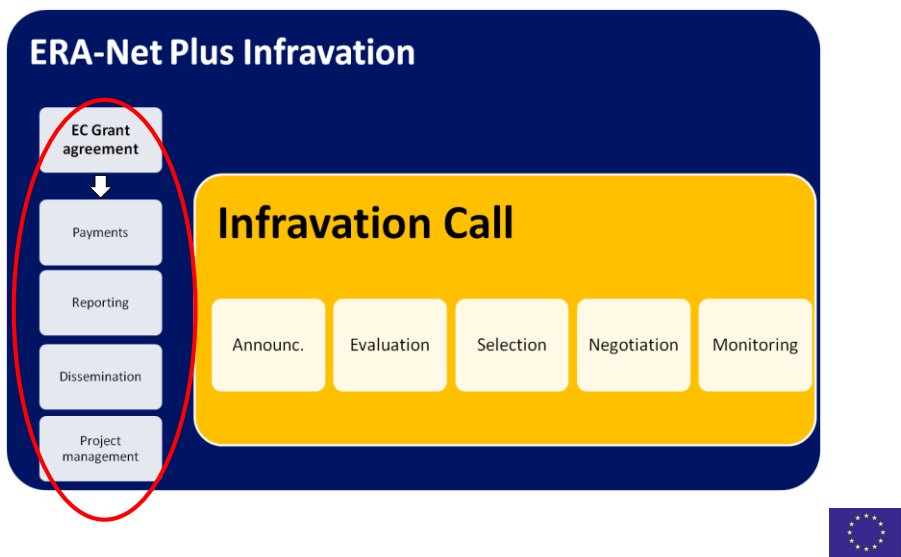
- 10:00 **Welcome and Introduction**  
*(Peter Wilbers, RWS)*  
**A National Funding Provider's View on the Infravation Initiative**  
*(Marina Martínez-García, CDTI)*  
**EC Views on the Issue of Road Infrastructure Innovation**  
*(William Bird, EC, DG RTD/H2)*
- 10:50 **Thematic Scope of the Infravation 2014 Call**  
*(Johan Jonsson, Trafikverket, Scoping Team)*
- 11:20 **Proposal Preparation and Submission**  
*(Miriam Stephan and David Doerr, TÜV Rheinland, Infravation Call Secretariat)*
- 12:30 – 13:30 **Lunch break**
- 13:30 **Brokerage Session**
- o In cooperation with ETNA Plus (European Transport Network Alliance)
  - o Moderator David Doerr, TÜV Rheinland
  - o Instructions and details after lunch
- 16:30 **End of meeting**



## Infravation: 2 components



## ERA-NET Plus Infravation



## ERA-NET Plus InfraVation

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- ERA-NET
  - o European Research Area Network
  - o Instrument European Commission (EC) for enhancing Europe's competitiveness in research area
  - o Pooling scarce resources
  - o Transnational calls for tenders + proposals
- ERA-NET Plus (EN Plus)
  - o Financial top-up by EC: 50% of country contributions
  - o Consortium of 5 countries/regions minimum
  - o One large call for proposals
  - o Strict peer-review full proposals
- EU project
  - o Proposal submission/evaluation/negotiations
  - o Grant Agreement (GA) with EC
  - o Compliance to FP7 rules



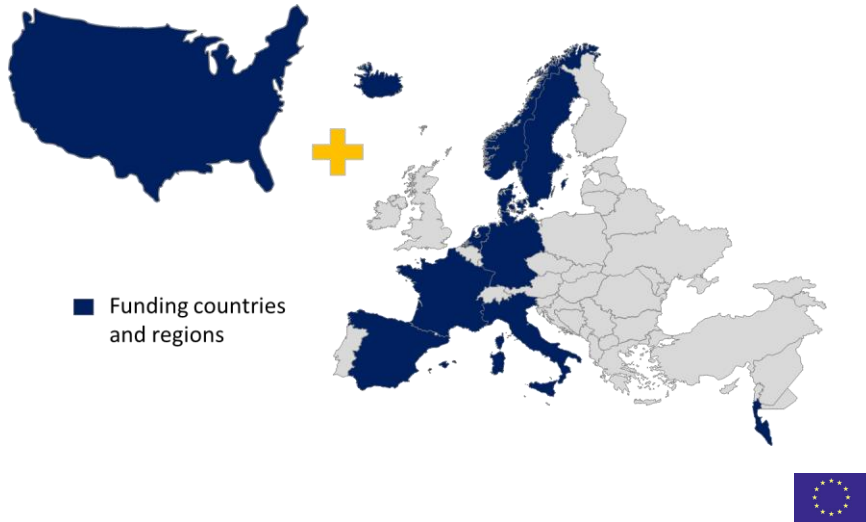
## InfraVation partners

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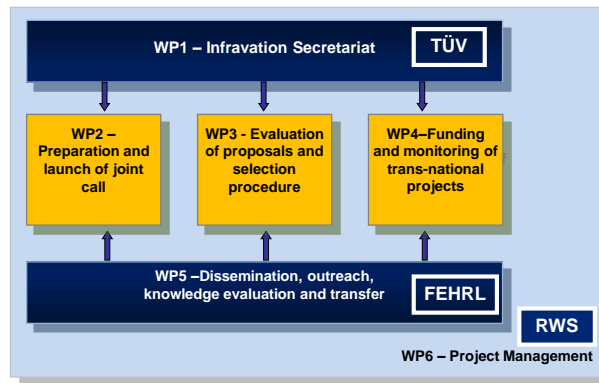
- Rijkswaterstaat/NL (coordinator)
- TÜV Rheinland/DE
- FEHRL
- BMVBS/DE
- Danish Road Directorate/DK
- Trafikverket/SE
- Norwegian Public Roads administration/NO
- Icelandic Road Administration/IS
- MEDDE/FR
- CDTI/ES
- ANAS/IT
- Israelian National Transport Infrastructure Company/IL
- Federal Highway Administration/US
- European Commission (EC)



## Geographical coverage



## EN Plus Infra



## Topics: 1<sup>st</sup> level of scoping

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### Setting the framework

- EN Plus SST.2013.1-3. call text:
  - o Advanced Systems, Materials and Techniques for next generation infrastructure
  - o Surface transport
  - o Road infrastructure



## Topics: 2<sup>nd</sup> level of scoping

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### Setting the priorities

- Scoping Team/scoping study
  - o Team of experts
- Workshops in participating countries/regions
- Scanning tours, e.g. in US

Resulting in 7 priorities/challenges:



## Infra

vation challenges

- A. Advanced predictive infrastructure performance processes
- B. Enhanced durability and life-time extension
- C. Rapid and non-destructive methods for routine quality and performance checks of materials and construction
- D. Keeping freight routes open through zero-intrusive maintenance
- E. Ensuring infrastructure performance under all weather conditions
- F. Resource and energy efficiency in road construction and maintenance (Eco-design)
- G. Virgin material reduction by substitution or recycling



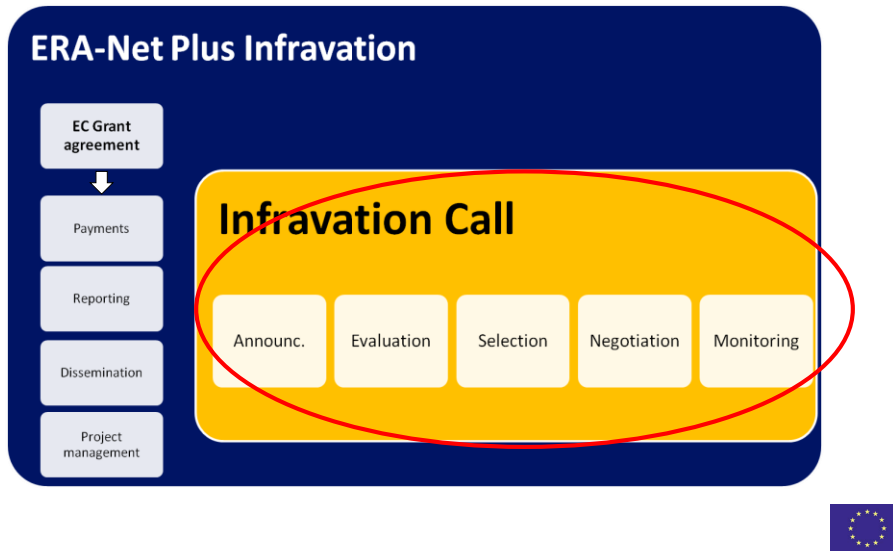
## Topics: 3<sup>rd</sup> level of scoping

### Elaboration contents Infra

vation priorities/challenges

- Scoping Team/scoping study
  - o In close interaction with Infra
vation partners
- o In consultation with EC (H2020 Infra
structure Call)- o Output: Contents for Guide for Applicants  
Infra
vation 2014 call


## Infravation 2014 Call



## Infravation 2014 Call: Characteristics

- Real common pot
- Participation US (FHWA)
- Applicants non-funding EU countries can apply too
- Central negotiation, funding + monitoring
- Funding Infravation partners 100% spent to research projects
- Instrument FP7 + H2020 based, light version



## Call budget

Country/region contribution	6,350 MEURO
EC top-up (50%)	<u>2,675 MEURO*</u>
Total	9,025 MEURO

\* US contribution will not be topped-up by EC. Therefore EC contribution is a bit less than 50% of country contributions



## Call Timeline

Open call for (light) proposals	3 March 2014
Information and Brokerage event	20 March 2014
Deadline for submission of light proposals	30 June 2014
Evaluation of light proposals	July - September 2014
Call for full proposals (on invitation only)	
Invitation to submit full proposals until	End of September 2014
Deadline to submit full proposals	End of November 2014
Evaluation of full proposals by international peer review	Until end of February 2015
Negotiation of grant agreements	March - August 2015
Start of transnational projects	July - September 2015
End of transnational projects (project duration is 30 months max.)	Until March 2018





## Evaluation

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### Submission proposals to Call Management Tool (CMT)

- 1<sup>st</sup> step: light proposals
  - o Delegated national experts
    - Eligibility (financial, legal, complete, criteria GfA)
    - FP7 criteria: S/T Quality, Implementation, Impact
    - Outcome: rejection or invitation to full proposal submission
- 2<sup>nd</sup> step: full proposals
  - o Independent international experts/peer-review
    - Same as for light proposals
    - Outcome: ranking list proposals for decision InfraVation partners + EC
- Selection list (for negotiation and funding)



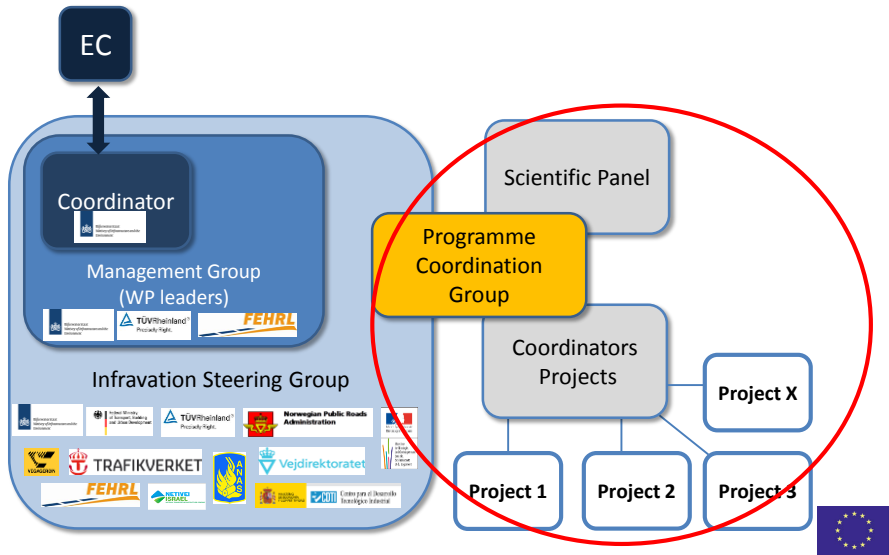
## Negotiation, contracting + monitoring

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- Negotiation
  - o Contract negotiations Rijkswaterstaat with project coordinators (from funding countries only)
- Contracting
  - o Grant Agreement Rijkswaterstaat to project coordinators
- Monitoring
  - o Quarterly reports (brief)
  - o Reporting (comprehensive) mid + end duration projects
    - ✓ Monitoring reports by project coordinators
    - ✓ Submission to Call Management Tool (CMT)
- Continuous monitoring through Scientific Panel



# Cross-fertilisation projects



# Duration

