

# Infra

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# vation programme

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Call Manager ERA-NET Plus Infra

SUREbridge Consortium meeting

27 May 2016

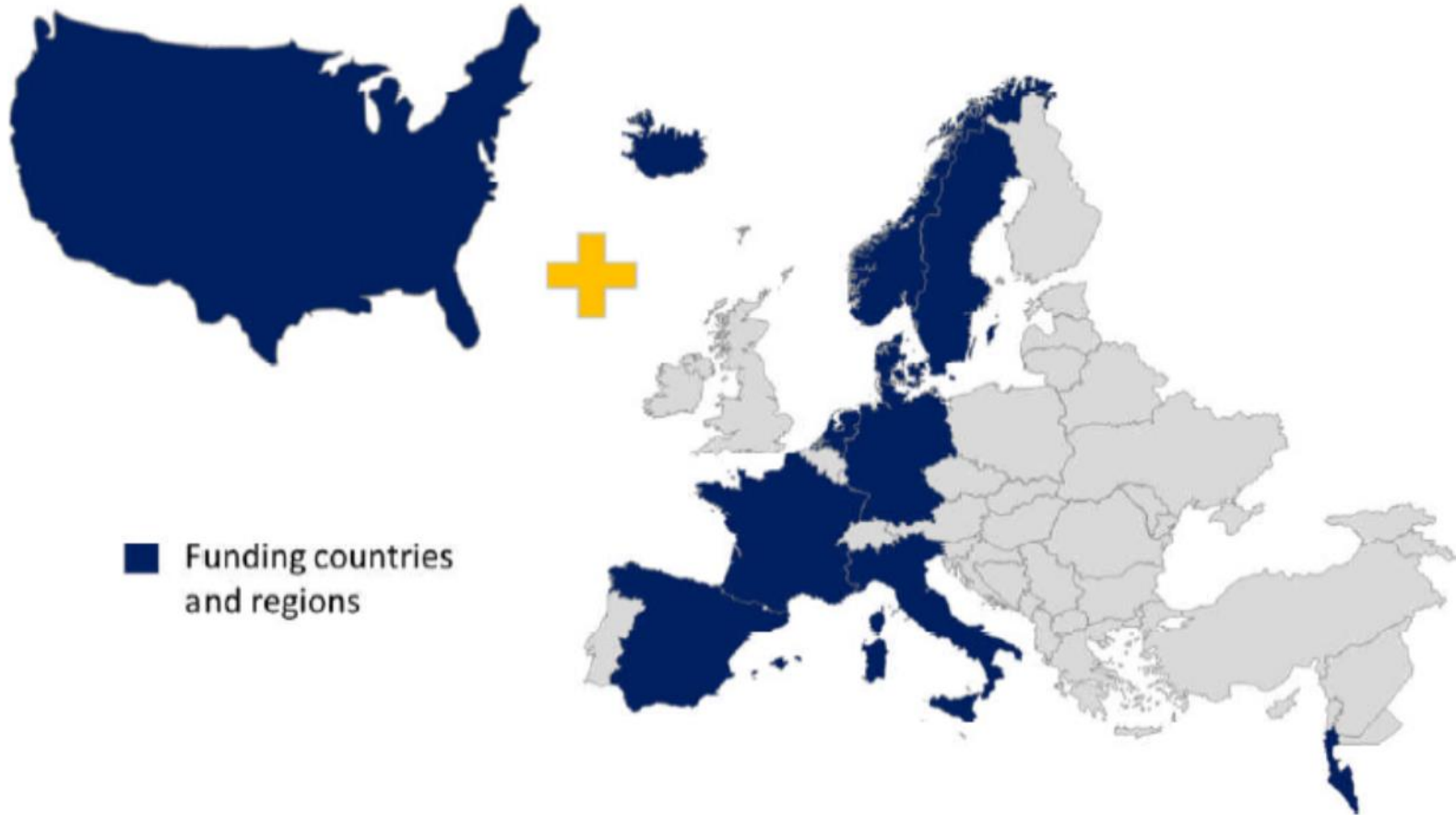
Rotterdam



Rijkswaterstaat  
*Ministry of Infrastructure and the  
Environment*



# Geographical coverage



# 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)



# Infravation 2014 Call

## ERA-Net Plus Infravation

EC Grant  
agreement

Payments

Reporting

Dissemination

Project  
management

## Infravation Call

Announc.

Evaluation

Selection

Negotiation

Monitoring



# Why Infra

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- Accelerating innovations in infrastructure construction and maintenance through transnational collaborations
- Pooling scarce resources and leverage effect
  - pooled fund: over 9 MEURO of results
- Finding solutions for common challenges of road owners
  - transnational collaborations between contractors, research institutions and universities
- Implementation of innovations resulting from projects
  - less costs
  - less hindrance road users
  - more sustainability



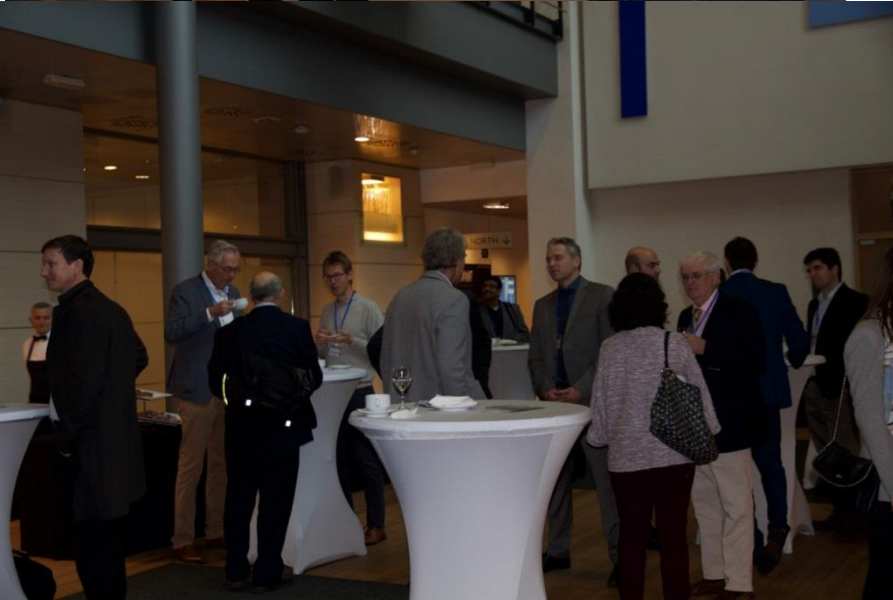
# Infra vation characteristics

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- Real common pot
  - top up Commission
  - central negotiation, funding + monitoring
- Transnational collaboration
  - participation 11 countries, incl. US and Israel
  - applicants non-funding EU countries could apply too
  - budget 100% for research, all other costs in kind
- Selection best proposals
  - 2-Step submission and evaluation approach
- Infra vation to be considered as pilot
  - design, testing and validation new pooled fund instrument
  - blueprint for similar future pooled fund initiatives



# KoM November 2015 Brussels



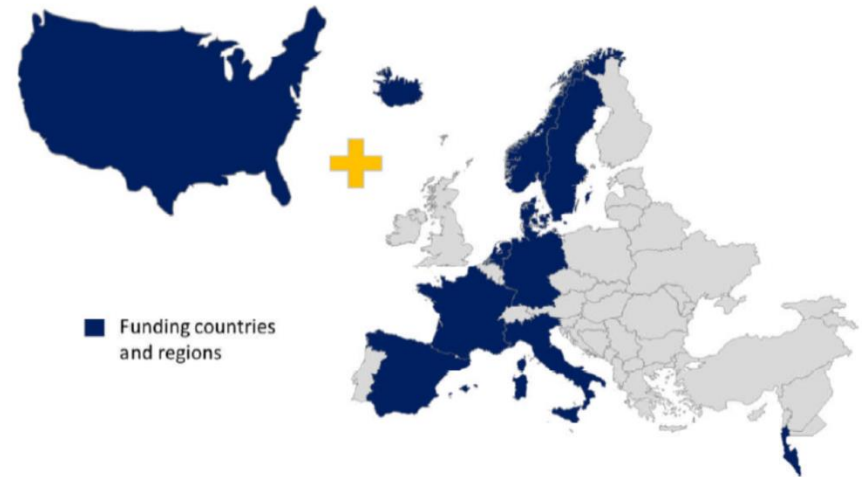
# KoM November 2015 Brussels





# Coordinator and Partners

## Selection list 1-9



Country	Coordinator
France	1
Israel	1
Spain	3
Italy	1
Sweden	1
USA	2
<b>Total</b>	<b>9</b>

	All partners in consortia
Belgium	1
France	3
Germany	4
Israel	2
Italy	8
Netherlands	5
Spain	7
Sweden	2
Switzerland	1
United Kingdom	4
USA	11
<b>Total</b>	<b>48</b>



# Nine projects in a nutshell

- **ALTERPAVE** - USE OF END-OF-LIFE MATERIALS, WASTE AND ALTERNATIVE BINDERS AS USEFUL RAW MATERIALS FOR PAVEMENTS CONSTRUCTION AND REHABILITATION
- **BIOREPAVATION** - INNOVATION IN BIO-RECYCLING OF OLD ASPHALT PAVEMENTS
- **ECLIPS** - ENHANCING CONCRETE LIFE IN INFRASTRUCTURE THROUGH PHASE-CHANGE SYSTEMS
- **FASSTBRIDGE** - FAST AND EFFECTIVE - SOLUTION FOR STEEL BRIDGES LIFE- TIME EXTENSION
- **HEALROAD** - INDUCTION HEATING ASPHALT MIXES TO INCREASE ROAD DURABILITY AND REDUCE MAINTENANCE COSTS AND DISRUPTIONS
- **SEACON** - SUSTAINABLE CONCRETE USING SEAWATER, SALT-CONTAMINATED AGGREGATES, AND NON-CORROSIVE REINFORCEMENT
- **SEEBRIDGE** - AUTOMATED COMPILATION OF SEMANTICALLY RICH BIM MODELS OF BRIDGES
- **SHAPE** - PREDICTING STRENGTH CHANGES IN BRIDGES FROM FREQUENCY DATA SAFETY, HAZARD, AND POLY-HARMONIC EVALUATION
- **SUREBRIDGE** - SUSTAINABLE REFURBISHMENT OF EXISTING BRIDGES



# Nine projects in a nutshell

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- See [www.infravation.net/projects](http://www.infravation.net/projects) for more information about the projects



# **SURE BRIDGE**

Sustainable Refurbishment of Existing Bridges



# Infravation 2014 Call: timeline

<b>Open call for light proposals</b> <ul style="list-style-type: none"> <li>• Publication</li> <li>• Information and Brokerage Event (Brussels, BE)</li> <li>• Deadline for submission of light proposals</li> </ul>	<p>3 March 2014</p> <p>20 March 2014</p> <p>30 June 2014 17:00</p>	✓
<b>Evaluation of light proposals (step 1)</b> <ul style="list-style-type: none"> <li>• Completeness Check and Financial Viability Check</li> <li>• Qualitative Assessment of light proposals by individual national evaluators</li> </ul>	<p>July 2014</p> <p>until Sept 2014pt 201</p>	✓
<b>Call for full proposals (on invitation only)</b> <ul style="list-style-type: none"> <li>• Invitation to submit full proposals</li> <li>• Deadline for submission full proposals</li> </ul>	<p>End of September 2014</p> <p>End of November 2014</p>	✓
<b>Evaluation of full proposals (step 2) and selection of proposals to be funded</b> <ul style="list-style-type: none"> <li>• Completeness Check</li> <li>• Individual Qualitative Assessment of full proposals by evaluators</li> <li>• Consensus Meeting of all evaluators (ranking list of proposals)</li> <li>• Steering Group (selection of proposals following the ranking list)</li> </ul>	<p>December 2014</p> <p>Mid Jan – 04 March 2015</p> <p>25-26 March 2015</p> <p>15 April 2015</p>	✓
<b>Negotiation of Grant Agreements</b>	<p>April – October 2015</p>	✓
<b>Start of transnational projects</b>	<p>September - November 2015</p>	✓
<b>End of transnational projects(project duration is 30 months max)</b>	<p>Until March 2018</p>	✓



# Calendar 2016 - ahead

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- TRB AM January 2016
- TRA 2016: EC and CEDR invited sessions, Infra vation booth
- IALCCE October 2016 [www.ialcce2016.org](http://www.ialcce2016.org)
- Lessons learnt, monitoring and reporting, Scientific Panel, first demonstrations



# Contact

[www.infravation.net](http://www.infravation.net)



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