



RIMA

Robotics for Inspection  
and Maintenance

**RIMA OPEN CALLS**

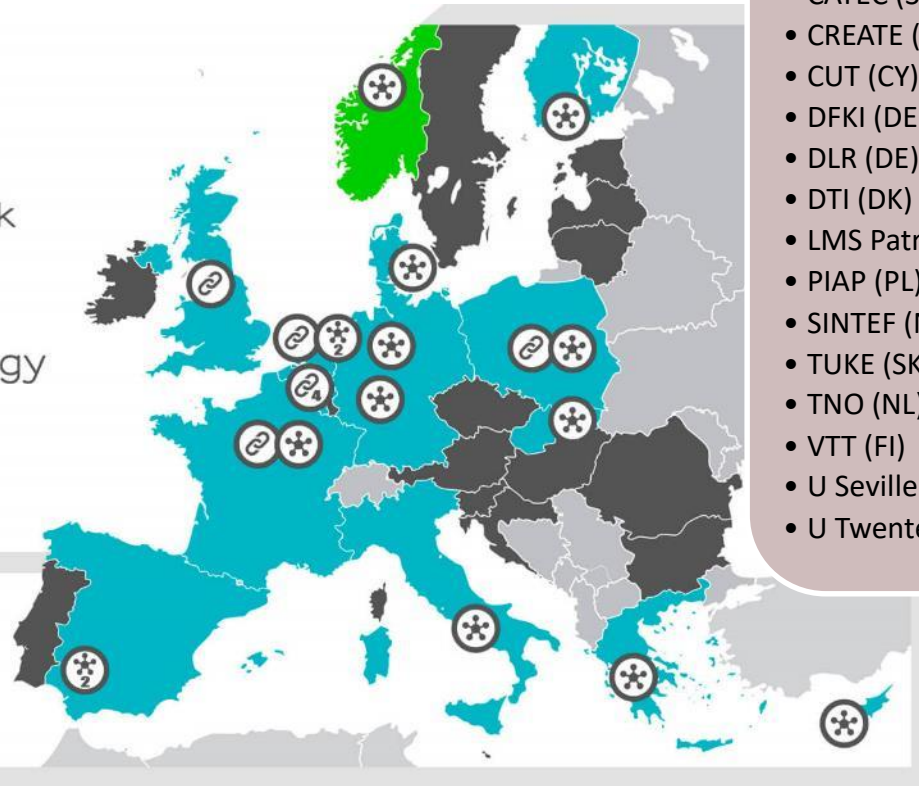
**European Robotics Forum, March 20th, 2019**  
**Nikolaj Nygaard Nielsen, FundingBox**

# Overall concept

## BUDGET SHARE

- ▶ 8.1M€ FSTP support to SMEs
- ▶ 16M€ total budget
- ▶ Sustainability model for DIH network

- ▶ 13 DIHs
- ▶ 50 Technology Transfer & Technology Demonstrator experiments
- ▶ Cross border experiments
- ▶ Involving SMEs

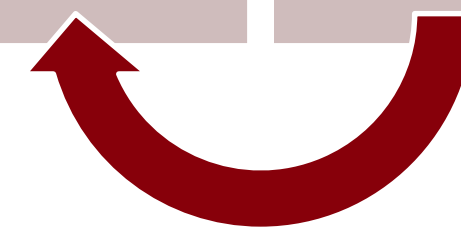
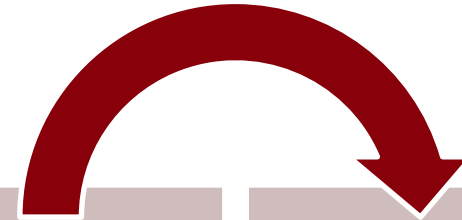


## Current DIH (13)

- CEA (FR)
- CATEC (SP)
- CREATE (IT)
- CUT (CY)
- DFKI (DE)
- DLR (DE),
- DTI (DK)
- LMS Patras (GR)
- PIAP (PL)
- SINTEF (NO)
- TUKE (SK)
- TNO (NL)
- VTT (FI)
- U Seville (ES)
- U Twente (NL)

## Facilitator and networking

- FundingBox (PL)
- SprintRobotics (NL)
- U YORK (UK)
- FORATOM (BE)
- FERHL (BE)
- EFNDT (BE)
- WSSTP (BE)
- SYSTEMATIC (FR)



# RIMA in a nutshell

**€ 16 M**  
**Project**

**21**  
**Partners**

**€8.1 M**  
**Cascade  
Funding**

**50**  
**Experiments**

# Type of experiments

## Technology Transfer Experiments

Up to 300K equity free

2-3 partners (end user + tech provider)

14 months support program (TRL5-TRL7)

Up to 15 beneficiaries (dev, test and validation)

## Technology Demonstrators

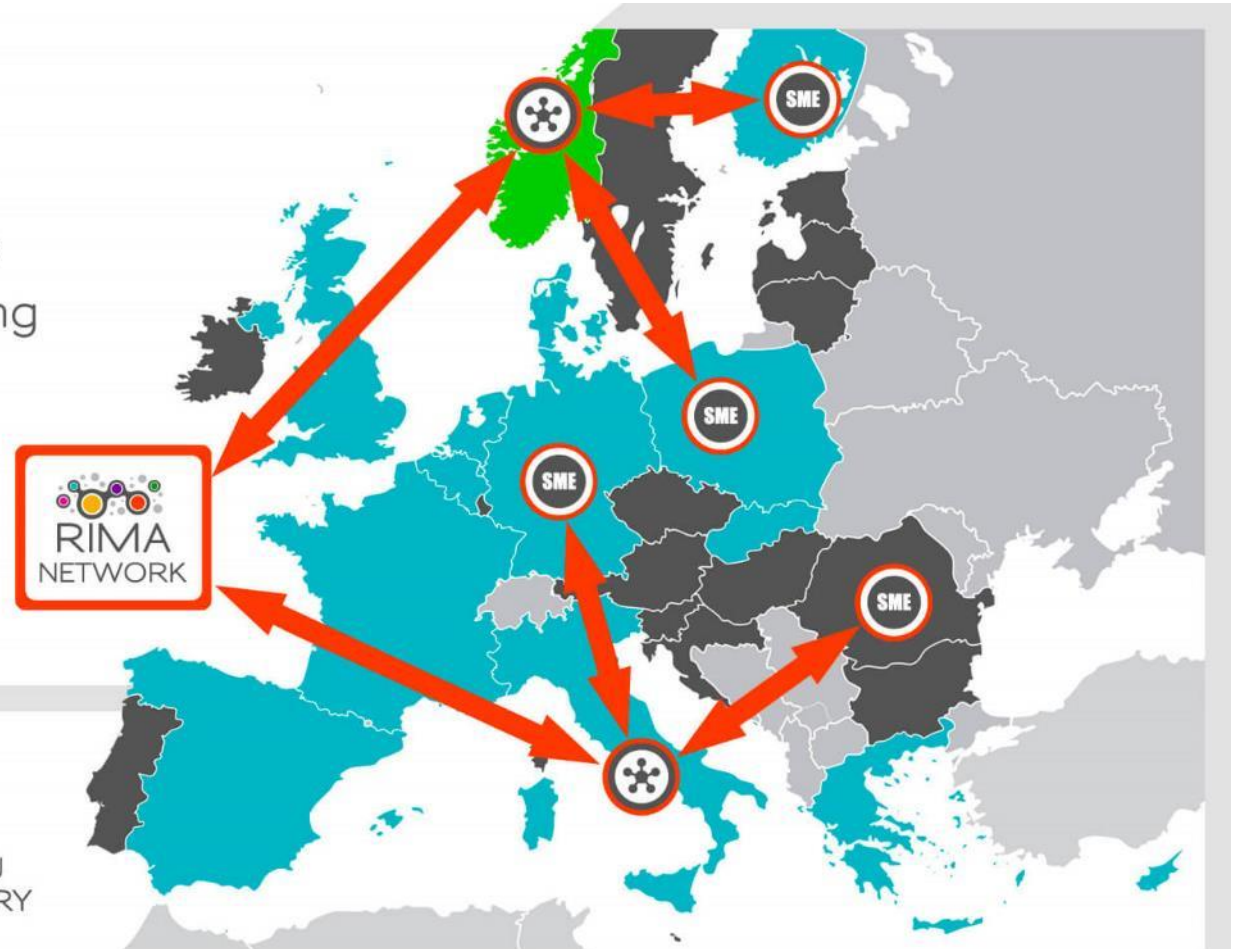
Up to 100K equity free

2 partners (end user + tech provider)

6 months support program (TRL6-TRL7)

Up to 35 beneficiaries (validation)

- ▶ 50 experiments
- ▶ Driven by SME needs
- ▶ Cross border :  
SMEs in two different countries engaging with one DIH interacting with the network
- ▶ Duration: 6 to 14 months
- ▶ Types: Technology Transfer, Technology Demonstrator
- ▶ Funding up to 300k€



## FSTP Principle - Example of experiment consortia



**Energy generation and distribution.** Including off shore and on-shore infrastructure, including renewables, supply infrastructure and generating facilities.



**Water and waste processing;** clean water storage and distribution, waste infrastructure and processing. Covering dams, reservoirs and natural water resources.



**Road infrastructure;** bridges, tunnels, roads etc.



**Rail infrastructure,** including local transport systems such as trams, covering; track and trackside equipment, rolling stock, stations and geo-physical maintenance.



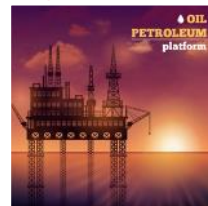
**Transport hubs;** ports, airports and interchanges.



**Cities;** transport, waste management and fixed infrastructure



**Nuclear infrastructure,** including decommissioning, waste disposal, maintenance and life extension.



**Oil and Gas extraction,** refining and distribution infrastructure, including off-shore infrastructure and decommissioning.

# Support Program

<b>PROOF OF CONCEPT</b>	€50 K	TE+TD 4 months
<b>PROTOTYPE EXPERIMENTATION</b>	€100 K	TE 6 months
<b>PROTOTYPE DEVELOPMENT</b>	€100 K	TE 6 months
<b>FEASIBILITY PLAN</b>	€50 K	TE+TD 2 months

# First Open Call

## September 2019

# Stay Tuned!

[rimanetwork.eu](http://rimanetwork.eu)