



Horizon 2020 / Horizon Europe **Funding for European innovation cooperation**

Ingvild Kjørrefjord

EU [funding] advisor

TOPICS TO BE COVERED



WHAT IS HORIZON 2020 & HORIZON EUROPE?



EXAMPLES – funded projects with NO + FR partners



HOW CAN YOU GET FUNDING?

HORIZON 2020 IN A NUTSHELL



JOBS



COMPETITIVENESS




GROWTH

SOLVING OUR LARGEST SOCIETAL CHALLENGES IN PARTNERSHIP

 Health

 Food

 Energy;

 Transportation

 Climate action

 Inclusive societies

 Security



INDUSTRY



RESEARCH



PUBLIC
SECTOR

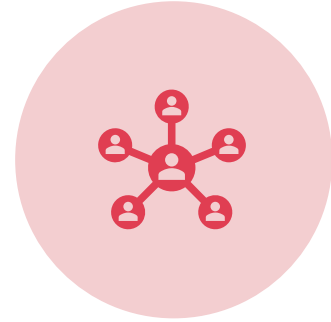
WHAT HORIZON 2020 FUNDING MEAN TO A COMPANY?



70% DIRECT + 25%
INDIRECT FUNDING




AVG. 6-7 PARTNERS





NETWORK


NORWAY AND FRANCE IN HORIZON 2020


 Health


 Food (ocean)

 Energy;

 Transportation (maritime)

 Climate action (raw materials)

 Inclusive societies

 Security

 EUR 614 m

 EUR 345 m

5th largest collaborator



INDUSTRY



RESEARCH

SUSTAINABLE AQUACULTURE BASED ON ENABLING TECHNOLOGIES



- PARTNERS FROM 16 COUNTRIES
- GRANT EUR 6 mio / 2018 – 2022
- <http://ifishienci.eu/>



NORCE

COVARTEC
Coastal Ocean Monitoring, Risk Management & Technology



ROBOTIZED CONTROL OF QUALITY OF SEALING IN CAR MANUFACTURING

Project information

LICORNE

Grant agreement ID: 691133

[Project website](#)

Start date
1 November 2015

End date
30 April 2018

Funded under:
H2020-EU.3.
H2020-EU.2.

Overall budget:
€ 2 795 670,26

EU contribution
€ 2 103 852,18



Coordinated by:
PSA AUTOMOBILES SA
France

Participants (4)

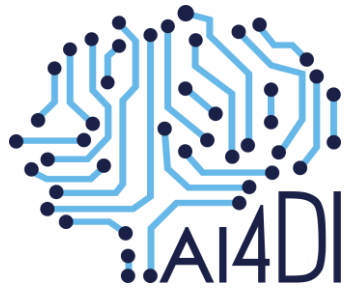
Sort alphabetically ▾

Sort by EU Contribution ▾

Expand all

	CLEMESSY SA France	EU Contribution € 895 991,69	▾
	FUNDACION PARA LA PROMOCION DE LA INNOVACION, INVESTIGACION Y DESARROLLO TECNOLOGICO EN LA INDUSTRIA DE AUTOMOCION DE GALICIA Spain	EU Contribution € 326 110	▾
	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS France	EU Contribution € 163 500	▾
	RINGLER GMBH Germany	EU Contribution € 99 356,25	▾

ARTIFICIAL INTELLIGENCE FOR DIGITIZING INDUSTRY



- TRANSFER MACHINE LEARNING AND AI FROM CLOUD TO MANUFACTURING, MOBILITY AND ROBOTICS
- <https://ai4di.automotive.oth-aw.de>
- GRANT EUR 9 mio / 2019 - 2022



WORLD'S FIRST HYDROGEN-POWERED ROPAX FERRY



- FERRY + BUSINESS MODEL FOR EUROPEAN ISLAND
- PARTNERS FROM 7 COUNTRIES
- GRANT EUR 9.3mio / 2018 – 2022
- <https://www.hyseas3.eu/>



HOW CAN YOU GET FUNDING?



Funding & tender opportunities

Single Electronic Data Interchange Area (SEDIA)

English **EN**

Register

Login




SEARCH FUNDING & TENDERS ▾

HOW TO PARTICIPATE ▾

PROJECTS & RESULTS

WORK AS AN EXPERT


SUPPORT ▾

select programme 

Funding & tender opportunities (the Single Electronic Data Interchange Area) is the entry point for participants and experts in funding programmes and tenders managed by the European Commission and other EU bodies. >

Find calls for proposals and tenders

Search calls for proposals and tenders by keywords, programmes...

 Search



TWO OPTIONS

1. BOTTOM-UP (tematically open)

FAST TRACK TO INNOVATION

- 3-5 partners

EIC ACCELERATOR

- No partners required

2. TOP-DOWN

RESEARCH AND INNOVATION ACTION

INNOVATION ACTION

- Often 10+ partners

SOME EXAMPLES OF TOP-DOWN TOPICS

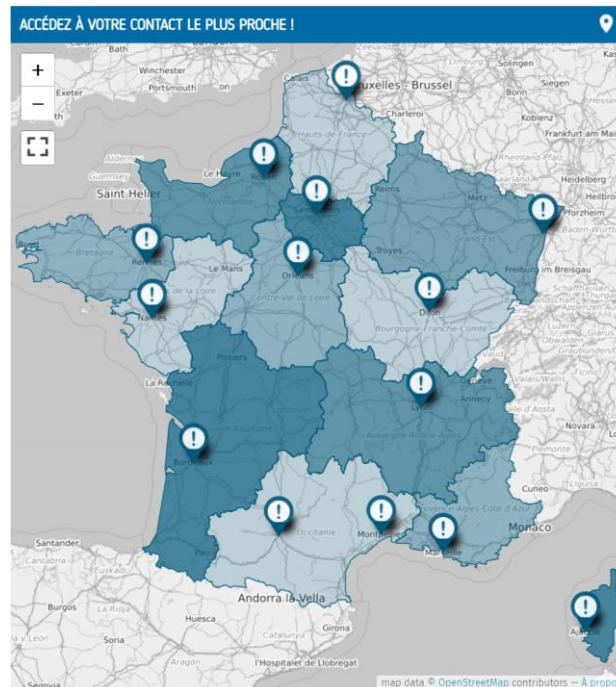
ID	Name	EUR	Deadline
ICT-46-2020	Robotics in Application Areas and Coordination & Support	83.0	22/04/20
ICT-47-2020	Research and Innovation boosting promising robotics applications	20.0	22/04/20
ICT-49-2020	Artificial Intelligence on demand platform	20.0	22/04/20
ICT-38-2020	Artificial intelligence for manufacturing	48.0	16/01/20
ICT-51-2020	Big Data technologies and extreme-scale analytics	31.5	16/01/20
ICT-40-2020	Cloud Computing: towards a smart cloud computing continuum	20.0	22/04/20
LC-SC3-SA-1-2020	Smart Airports	12.0	29/01/20

HOW CAN YOU GET ACCESS TO FUNDING?

1. Contact **your supply chain** to see if anyone is involved in the development of a proposal that might need their expertise.
2. Contact your local National Contact Point (NCP) or EEN contact point

Enterprise Europe Network - France

<http://www.een-france.fr/reseau/115386-enterprise-europe-network-france>



La carte est centrée par défaut sur la France métropolitaine. Si vous souhaitez afficher les contacts d'autres zones géographiques, cliquez : Antilles - La Réunion - Nouvelle Calédonie - Polynésie Française



Contact EU Team at Innovation Norway



Ketil Lundgård
Avdelingsdirektør



Martha Grønning
NCP SME - H2020



Benedicte Sognefest
NCP SME - H2020



Silje H. Whist
EEN Project manager



Mathias Aguirre Havgar
Innovation Norway
Head of Office in Brussels



Geir Ove Hansen
NCP Access to Risk Finance
H2020



Siri Røsberg
NCP Access to Risk Finance
H2020



Rosa Maria Correa
National Expert
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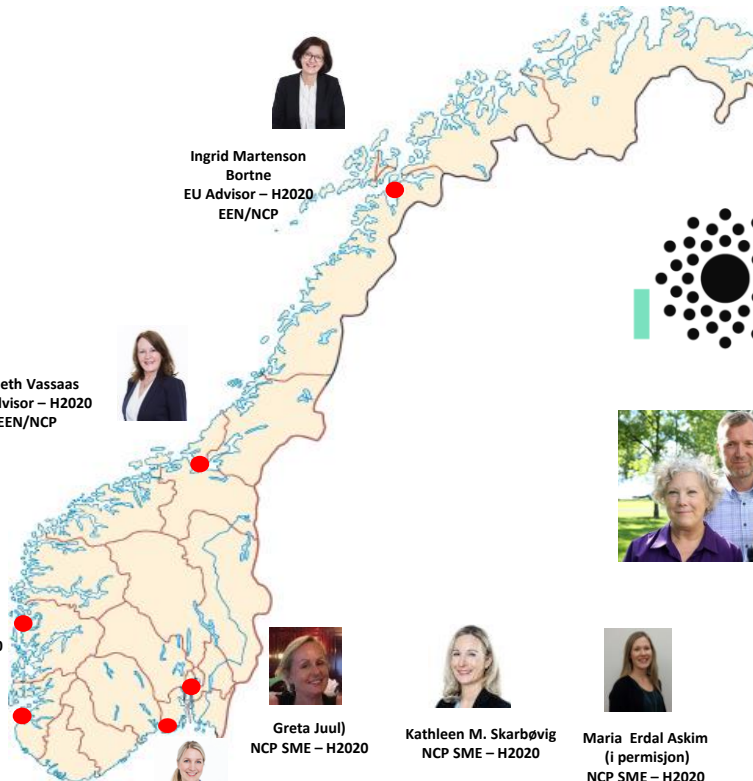
Greta Juul
NCP SME – H2020



Kathleen M. Skarbøvig
NCP SME – H2020



Maria Erdal Askim
(i permisjon)
NCP SME – H2020



Norwegian
Innovation
Clusters

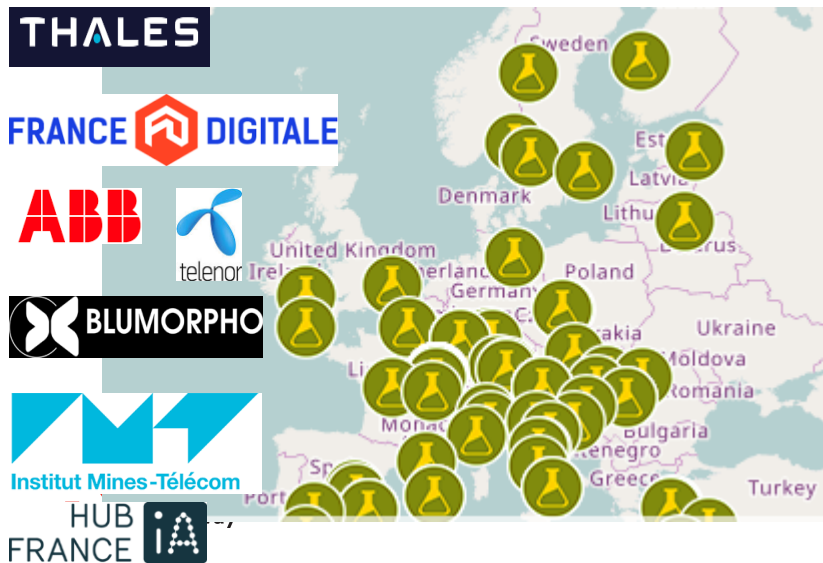


Kim Davis & Pål Sigrud Malm
NCP ICT – H2020

AI BROKER PLATFORM TO BUILD EUROPEAN AI ECOSYSTEM



- PARTNERS FROM 28 COUNTRIES
- GRANT EUR 20 mio / 2019 – 2021



AI4EU OPEN CALLS

AI PROTOTYPES: Q1 2020 / EUR 30.000

TECH TRANSFER: Q3 2020 / EUR 180.000

Horizon Europe

THE NEXT EU RESEARCH & INNOVATION
PROGRAMME (2021 – 2027)



AI will be VERY important

.....Europe cannot risk being solely dependent on foreign nations to develop the digital and other technological innovations needed to address the challenges of tomorrow

Kim Davis, NCP LEIT-ICT, Forskningsrådet

Pillar 1

Excellent Science

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures

Pillar 2

Global Challenges and
European Industrial
Competitiveness

Clusters

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3

Innovative Europe

European Innovation Council

European innovation
ecosystems

European Institute of Innovation
and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

MISSIONS



Cluster 4: Digital, industry and space

Targeted impact: industry

4.1 Manufacturing technologies (application area)

4.2 **Key digital technologies (electronics and photonics components and systems, software technologies and connectivity platforms)**

4.3 Advanced materials (modelling, upscaling)

4.4 Emerging enabling technologies (low TRL levels, input from Pillars I and III)

- enhanced information-based technologies inspired by the laws of nature and biology
- the convergence of the digital and the physical...
- «convergence of the digital and physical and new forms of digital technologies

4.5 **Artificial intelligence and robotics**

4.6 **Next generation internet (including interactive technologies, blockchain etc.)**

4.7 **Advanced computing and big data (HPC...)**

4.8 A globally competitive space sector reinforcing EU autonomy (from 5G deployment to digital and automated industrial processes for manufacturing of space

- Missions
 - Adaptation to climate change
 - Cancer
 - Healthy oceans, seas, waters
 - Climate-neutral and smart cities
 - Soil health and food
- Partnerships
 - Made in Europe
 - Key Digital Technologies (expanded ECSEL)
 - Photonics
 - Artificial Intelligence, data, robotics
 - Smart networks and services
 - HPC (EuroHPC)
 - Circular and climate-neutral industries
 - Clean steel
 - Metrology
 - Global competitive space systems

PES2020 Støtte til medvirkning i utforming av Horisont Europa

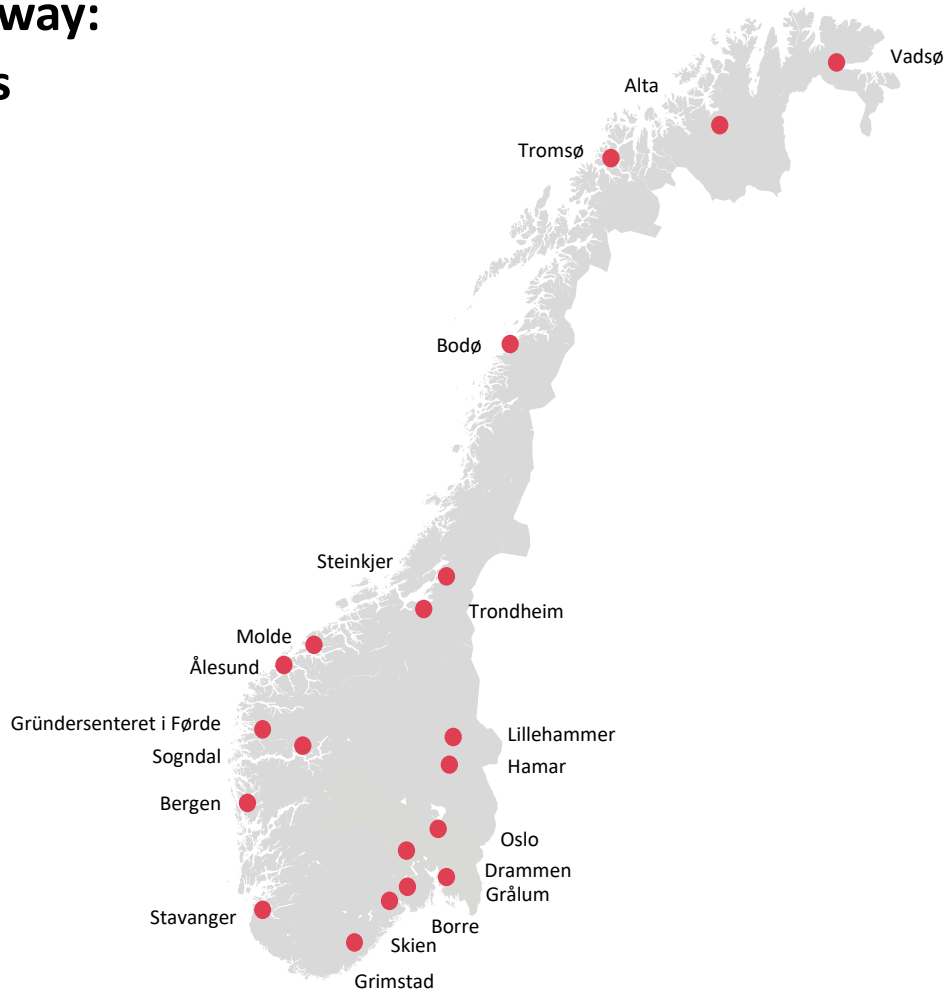
Formålet er å stimulere til slagkraftig samarbeid på norsk side og til økt deltagelse fra norske aktører i arbeidet med å ivareta norske interesser i utformingen av EUs nye rammeprogram for forskning og innovasjon, Horisont Europa (2021–2027).

Mer info – søknadsfrist 22.November:

<https://www.forskningsradet.no/utlysninger/2019/pes2020-stotte-til-medvirkning-i-utforming-av-horisont-europa/#IntendedApplicantsTitle>

Dere kan søke om støtte til medvirkningsarbeid i inntil 2 år fra og med søknadsdato. Det kan søkes om støtte på 0,1–1 mill. (maks 0,5 mio kr per år).

Innovation Norway: Regional offices



Arktis
Tromsø
Alta
Vadsø

Nordland
Bodø

Trøndelag
Trondheim
Steinkjer

Møre og Romsdal
Ålesund
Molde

Vestland
Bergen
Sogndal

Rogaland
Stavanger

Agder
Grimstad

Vestfold og Telemark
Borre
Skien

Oslo Viken
Oslo
Grålum
Drammen

Innlandet
Lillehammer
Hamar

Innovation Norway: International offices



Innovation Norway in France

Paris

Sentralbord

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Tusen takk!
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