

# Troba els agents d'innovació internacional clau de l'IoT aplicada al sector de la Manufactura

19 d'octubre de 2018

**ACCIÓ**



Generalitat  
de Catalunya

**Connecta't a ACCIÓ**  
[accio.gencat.cat](http://accio.gencat.cat)

## Programa

10.00 h

### **Benvinguda**

David Rovirosa, Cap de Programes Europeus d'R+D i Innovació Empresarial d'ACCIÓ

10.10 h

### **Agents internacionals clau del sector de l'Internet of Things aplicat a la Manufactura Avançada**

- Teresa Puerta, directora d'innovació de les oficines d'ACCIÓ a Alemanya.
- Christophe Arnoul, director de l'oficina d'ACCIÓ a París.
- Diana Loayza, consultora d'innovació a l'oficina d'ACCIÓ a Milà.

11.10 h

### **Instrumentes de suport a la cooperació tecnològica internacional**

Jennifer Ruíz, Gestora de Programes Europeus d'R+D i Innovació Empresarial d'ACCIÓ

Lurdes Mochales, Cap de Cooperació Tecnològica Internacional-Mercats

11.20 h

### **Torn obert de preguntes i cloenda**

**ACCIÓ**



Generalitat  
de Catalunya

**Connecta't a ACCIÓ**

[accio.gencat.cat](http://accio.gencat.cat)



# Funding Opportunities

**H2020 calls  
Tecniospring Industry  
International Nuclis**

October 2018

**ACCIÓ**



**Generalitat  
de Catalunya**

**Connecta't a ACCIÓ**

[accio.gencat.cat](http://accio.gencat.cat)

# EUROPE - IOT MANUFACTURING

*Per situar-nos...*

Key Enabling Technologies

**Digitising European Industry**

**Industry 4.0**



Data, algorithms, 5G, blockchain, AI, sensors, connected, platform, digital twins, cybersecurity, predictive maintenance...

**ECSEL Joint Undertaking**  
Electronic Components and Systems for European Leadership



**OPEN CALLS**



# **HORIZON 2020 OPPORTUNITIES - IOT MANUFACTURING** **(WORK PROGRAMME ICT)**

**ICT-27-2018-2020: Internet of Things**

**DT-ICT-08-2019: Agricultural digital integration platforms**

**DT-ICT-10-2018-19: Interoperable and smart homes and grids**

**ICT-11-2018-2019: HPC and Big Data enabled Large-scale Test-beds and Applications**

**ICT-15-2019-2020: Cloud Computing**

**ICT-10-2019-2020: Robotics Core Technology**

**ICT-12-2018-2020: Big Data technologies and extreme-scale analytics**

**DT-ICT-01-2019: Smart Anything Everywhere**

**DT-ICT-11-2019: Big data solutions for energy**

.....



Totes les convocatòries a *Funding & tenders opportunities*

**ACCIÓ**

 **Generalitat  
de Catalunya**

**Connecta't a ACCIÓ**

[accio.gencat.cat](http://accio.gencat.cat)

# **HORIZON 2020 OPPORTUNITIES IOT MANUFACTURING**

(WORK PROGRAMME NMBP-*Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing*)

**LC-NMBP-32-2019: Smart materials, systems and structures for energy harvesting (RIA)**

**DT-FOF-05-2019: Open Innovation for collaborative production engineering (IA)**

**DT-FOF-06-2019: Refurbishment and re-manufacturing of large industrial equipment (IA)**

**DT-FOF-08-2019: Pilot lines for modular factories (IA 50%)**

**DT-FOF-12-2019: Handling systems for flexible materials (RIA)**

**DT-SPIRE-06-2019: Digital technologies for improved performance in cognitive production plants (IA)**

**LC-EEB-05-2019-20: Integrated storage systems for residential buildings (IA)**

.....



Totes les convocatòries a *Funding & tenders opportunities*

**ACCIÓ**

 **Generalitat  
de Catalunya**

**Connecta't a ACCIÓ**  
accio.gencat.cat

## DEADLINES

### TOPICS ICT

15 Jan 2019  
28 Mar 2019  
2 Apr 2019  
18 Jun 2019  
19 Nov 2019



### TOPICS NMBP

First stage: 22 Jan 2019; Second stage: 3 Sep 2019  
21 Feb 2019  
5 Mar 2019  
3 Sep 2019



## R&D Grants: International Nuclis Programme

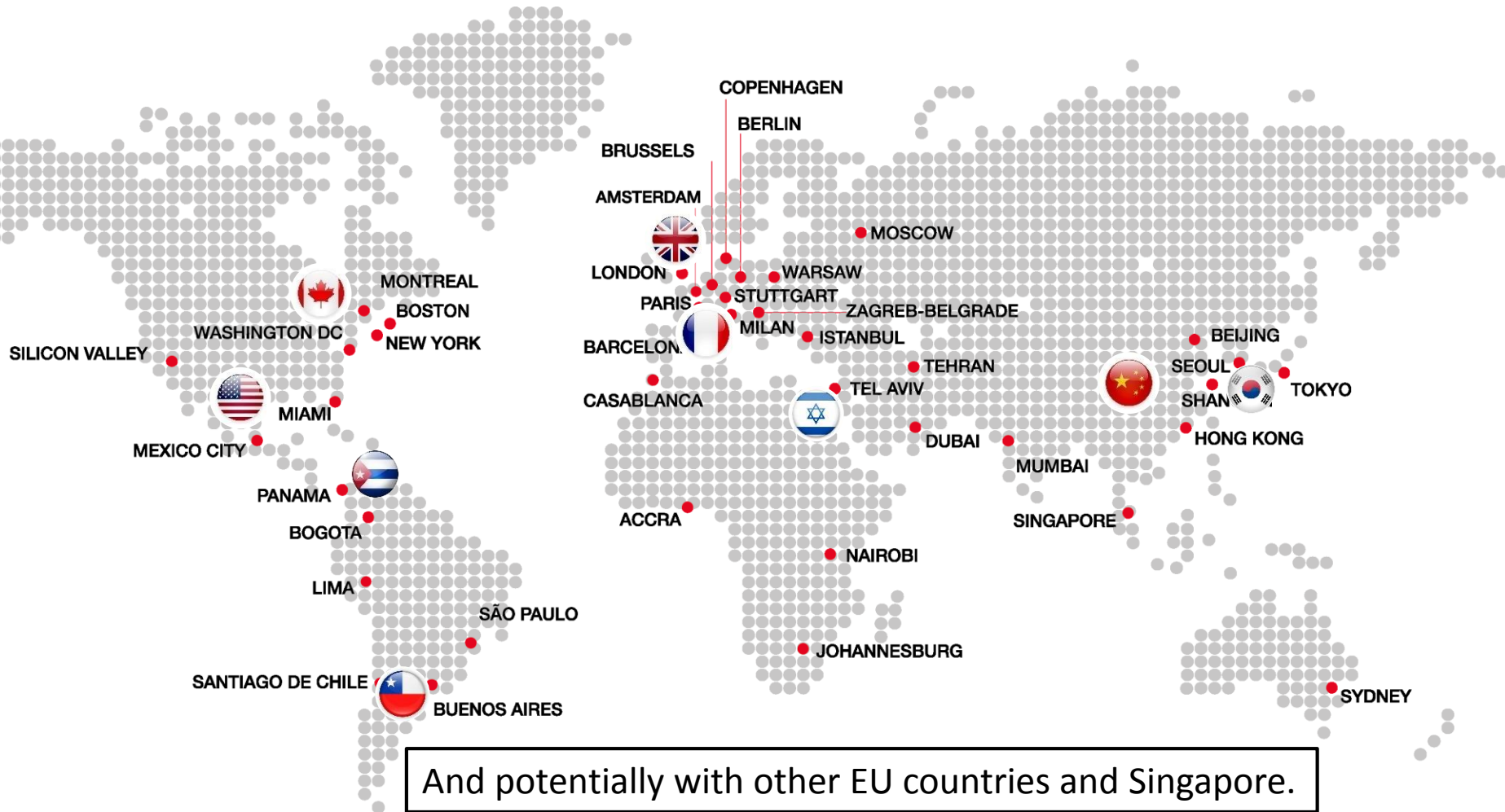
- The International Grants Programme Nuclis offers financial support to Catalan companies with International technological cooperation projects.
- It allows international firms and technological centres to cooperate with local Catalan companies to undertake high impact and differential R&D projects together.
- ACCIÓ has established collaboration agreements with different countries and regions, with the aim to foster technological cooperation. Among these countries are: Israel, Germany, France, Israel, Xile, Canada.
- The Nuclis Programme was first launched in 2012, with an Israel-Catalonia call. In the following years other countries have been included in the scheme.
- In the past, some calls have been co-funded by the European Regional Development Fund.

# R&D Grants: International Nuclis Programme

Conditions of the 2018 Call: Countries included

Budget:

540.000€



# R&D Grants: International Nuclis Programme

## Collaboration with other countries and regions



\*Projects can still be awarded by one of the two countries even if the other country does not fund the project

# R&D Grants: International Nuclis Programme

Collaborative project regulated by a consortium agreement. Minimum of 2 unrelated entities (1 with its operative base in Catalonia + an international one)

1. Project's minimum budget: **150,000 euros**
2. Direct and non-refundable grant of up to **200,000 euros**
3. Grant intensity: **up to 25-70%**, depending on the company's size and the nature of its activities, and the source of the funding.
4. No company shall support more than **70%** of the project's budget
5. Projects shall not start before the application form is officially submitted
6. Projects framed within [RIS3CAT](#) sectors and defined KET
7. The Catalan part of the projects must be developed in Catalonia
8. One-phase application process: The entities shall present different application forms in their country, together with the International Project Report (Joint Project Proposal)
9. ACCIÓ will award grants even when the agency providing funds in the country of the foreign partners does not approve the grant.

# TALENT PROGRAMME: FIGURES & GOALS

## ACCIÓ talent attraction programme 2013 – 2024

**€ 29M**  
Total Budget

**207**  
R&D contracts with  
experienced  
researchers

To attract highly  
talented  
researchers



To reinforce  
companies  
capacities



To provide  
international  
experience



To foster  
collaborations



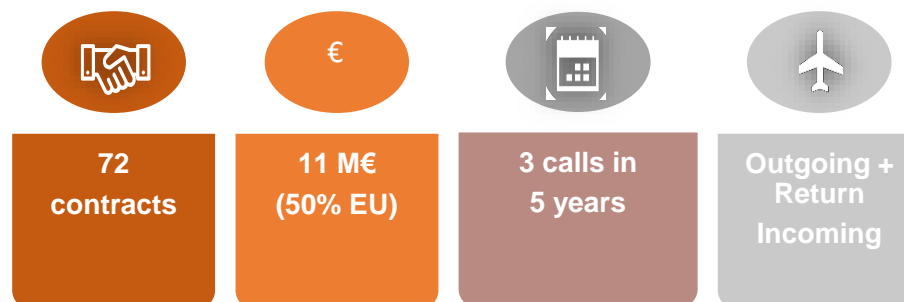
# TECNIOspring INDUSTRY

Next Call: July 2019  
Budget: 3,5M euros  
24 fellowships

Financial support for hiring experienced researchers (**up to 100%**) to develop applied research projects, through 2-year employment contracts with Catalan companies and TECNIO entities



Marie Skłodowska-Curie Actions  
(COFUND) - H2020, EU



# FELLOWSHIPS

	INCOMING	OUTGOING + RETURN
<b>PERIOD</b>	✓ 2 years company / TECNIO entity	✓ 1st year abroad + 2nd year company / TECNIO entity
<b>PROFILE</b>	✓ PhD + 2 or 6 years experience ✓ Team management	✓ PhD + 2 or 6 years experience ✓ Team management
<b>GRANT</b>	✓ Total company cost: 58,500 €/year ✓ Research: 18,240 € ✓ Mobility: 1,920 €	✓ Total company cost: 58,500 €/year x coefficient ✓ Research: 18,240 € ✓ Mobility: 1,920 €

Mobility rule: 12 month in the previous 3 years

# Contact us!



inint.accio@gencat.cat

<http://catalonia.com/innovate-in-catalonia/innovation-services/international-technological-cooperation.jsp>

 @accio\_cat

Accra / Berlín / Bombai / Boston / Brussel·les / Buenos Aires / Casablanca / Copenhaguen / Dubai / Hong Kong / Istanbul / Johannesburg / Lima / Londres / Mèxic DF / Miami / Milà / Mont-real / Moscou / Nova York / Panamà / París / Pequín / Santiago de Xile / Sao Paulo / Seül / Sydney / Silicon Valley / Singapur / Stuttgart / Tel Aviv / Tòquio / Varsòvia / Washington DC / Xangai