IOT 4 INDUSTRY

Bourse à projets, 8 november 2018

Guillaume Roux, Secured Communicating Solution cluster
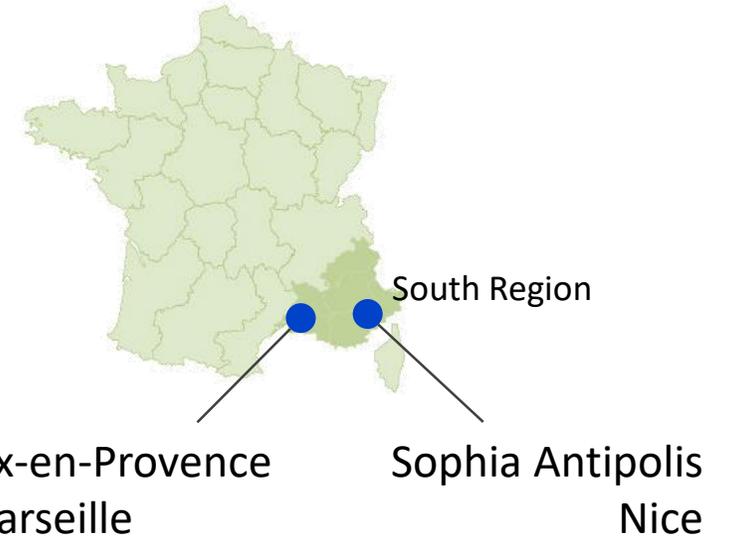
ICT cluster
300 members
200 SMEs
Contactless technologies
IoT
Digital security
Big Data
Artificial Intelligence

South Region

Aix-en-Provence
Marseille

Sophia Antipolis
Nice

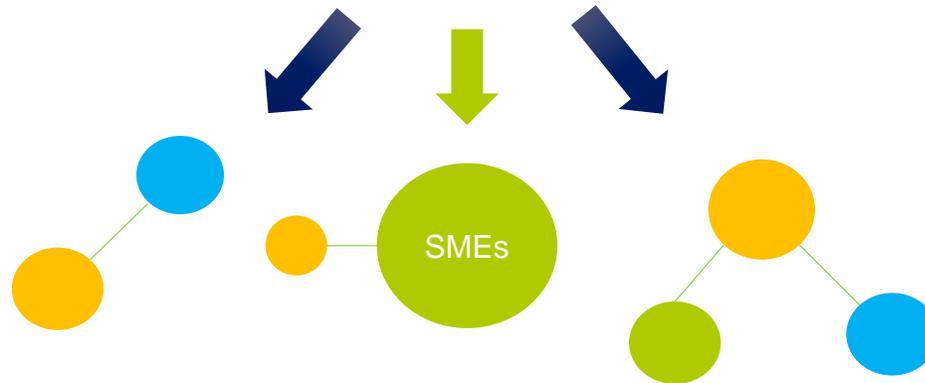| Telecom | Security | Industry | Energy & environment | Health | Smart homes & buildings | Smart cities | Retail | Mobility & logistics | Banking | E-Government |

OUR INITIATIVE

HORIZON 2020

European Commission

H2020 INNOSUP 1 - 2017
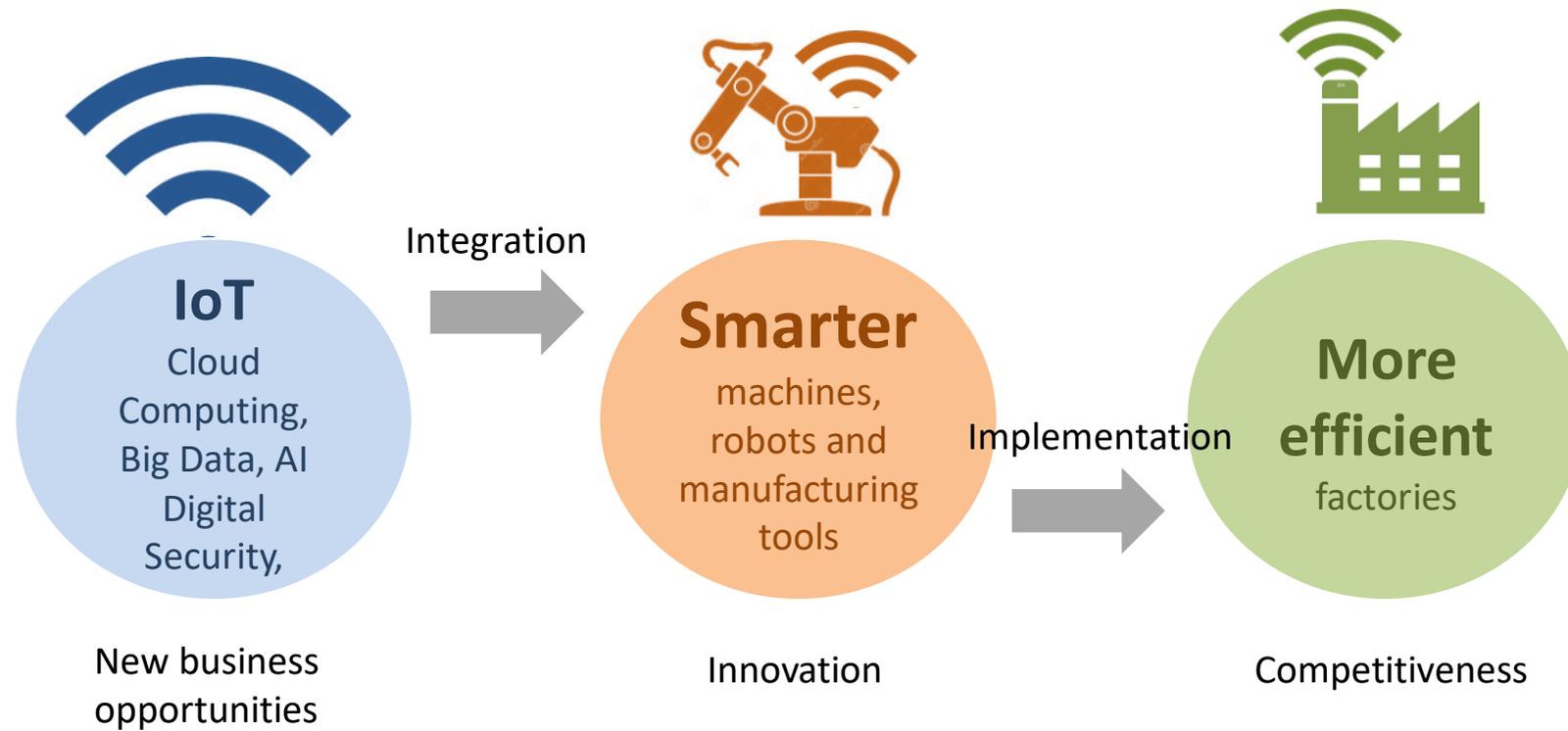
4.8 M€

IOT 4 INDUSTRY

Cascade funding
3.7 M€

SMEs

OBJECTIVES

- **Raise awareness** of the **IoT** opportunities for the industry

- Help industries (in particular SMEs) to **modernize** their **production**

- Develop, text and deploy **innovative products** / solutions in Industry 4.0

- Accelerate the **access to the market** to IoT SMEs (solutions providers)

- Build a **sustainable** network

IOT 4 INDUSTRY

New cross-sectoral value chain

IoT
Cloud Computing, Big Data, AI Digital Security,

Integration

Smarter
machines, robots and manufacturing tools

Implementation

More efficient
factories

New business opportunities

Innovation

Competitiveness
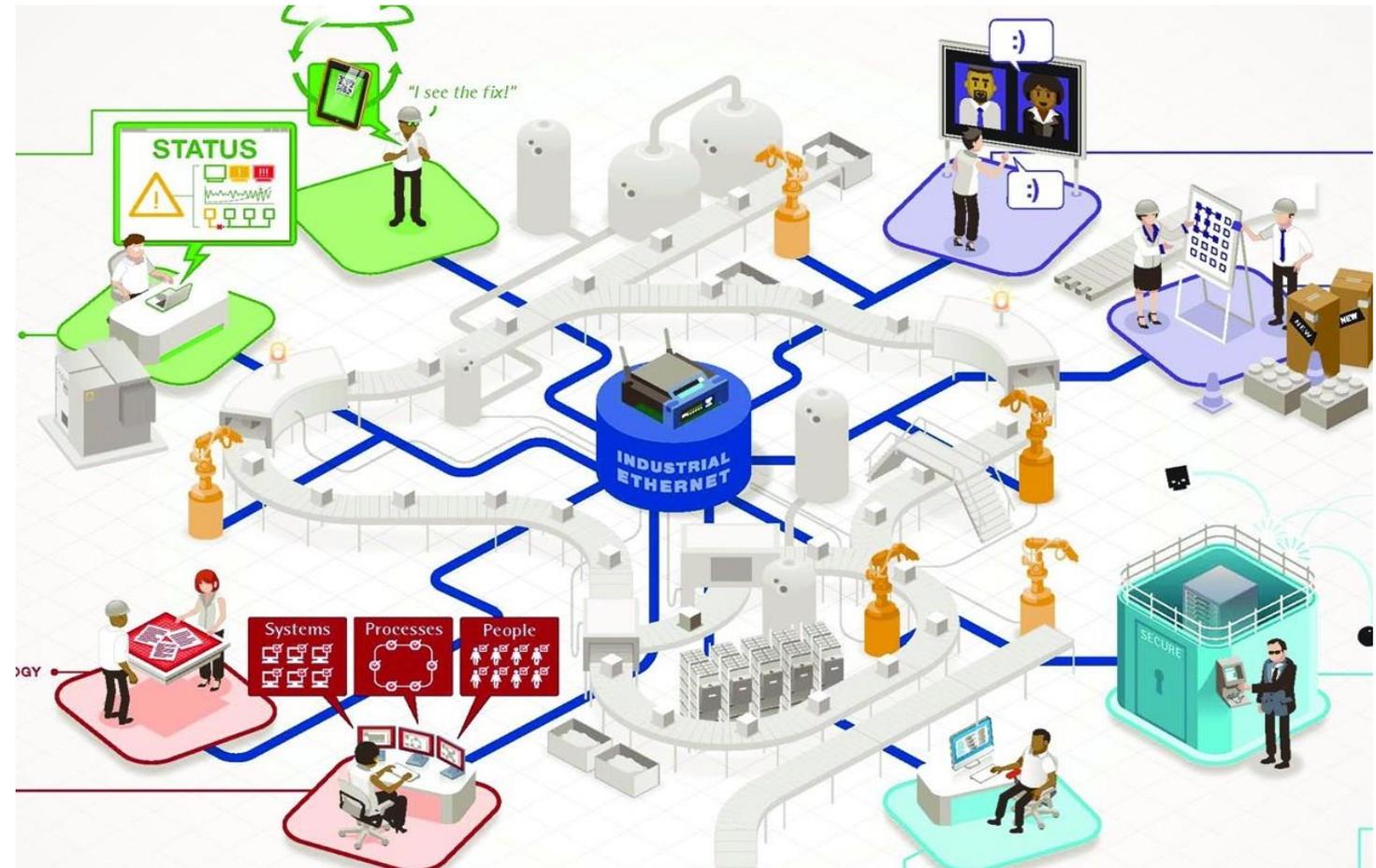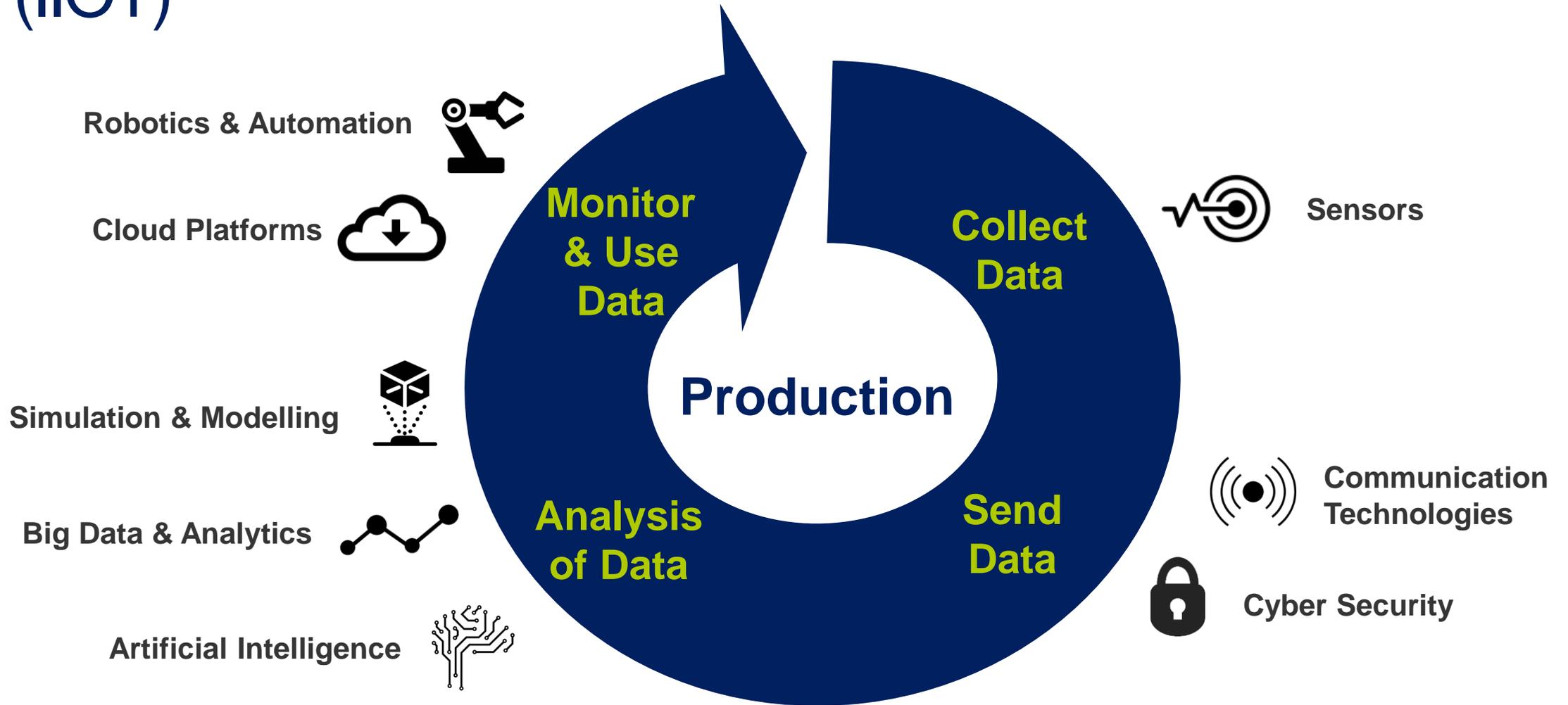
for European SMEs

SMART FACTORY

Predictive Maintenance

Logistics & supply chain

Track and trace

Monitoring applications

Process analysis

...

source: localgridtech.com

INDUSTRIAL INTERNET OF THINGS (IIOT)

IOT 4 INDUSTRY

Robotics & Automation

Cloud Platforms

Simulation & Modelling

Big Data & Analytics

Artificial Intelligence

Monitor & Use Data

Collect Data

Production

Analysis of Data

Send Data

Sensors

Communication Technologies

Cyber Security

CLUSTER PARTNERSHIP
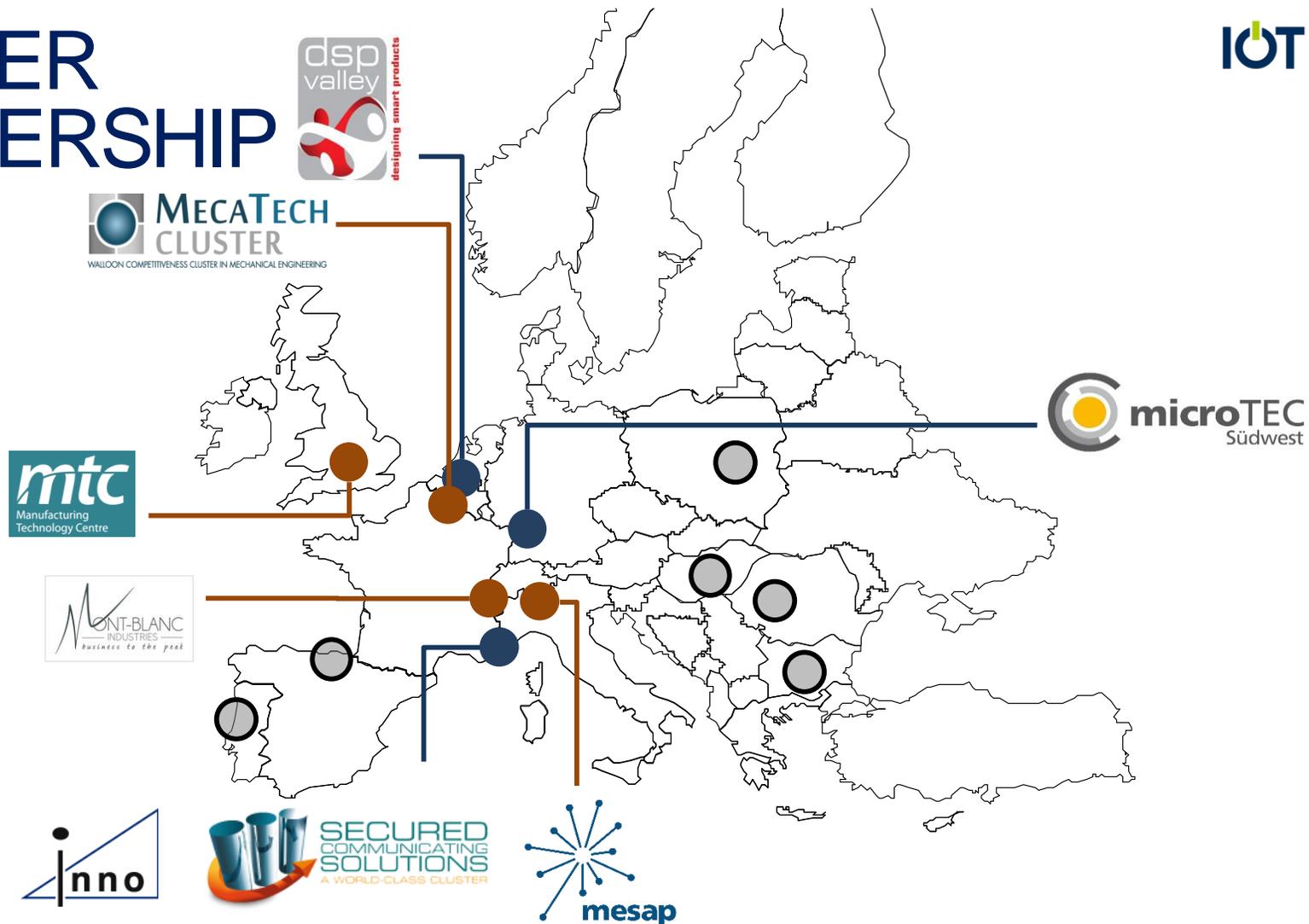
ICT clusters   Advanced manufacturing clusters   « Ambassador » clusters

METHODOLOGY

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SMEs involved

100

300

1000+
(theoretical study)

Call for CP (x2)

Call for EoI (x2)

Development of new products

Selection, funding and **follow-up** collaborative projects

Matchmaking to help SME find suitable partners for collaborative projects

Identification, assessment and **training** of SMEs to prepare them for the smart industry

Analysis of demand ("meca" and manufacturing) versus technology offer (IoT)

(WP3)

(WP2)

(WP1)

Promotion of the results (WP4)

*EoI = Expression of Interest

KPIs

Key Performance Indicator	Estimated value
Outreach to SMEs	1000+
Expression of Interest	300
Collaborative project applications received	200
Eligible applications received	160
Available vouchers	3,725 m€
Collaborative projects selected	30-60
Call success rate	40%

IOT 4 INDUSTRY

## Application of IoT Technologies **in the Manufacturing Environment**

Integration and Use of IoT technologies
(including Big Data, Artificial Intelligence and
Digital Security) into machines, robots,
manufacturing tools, industrial processes
and factories environments.

At least one of these entities being an SME
- **International dimension**
- **Innovative**
- **Industrial application in a vertical sector**
  (end-user identified)
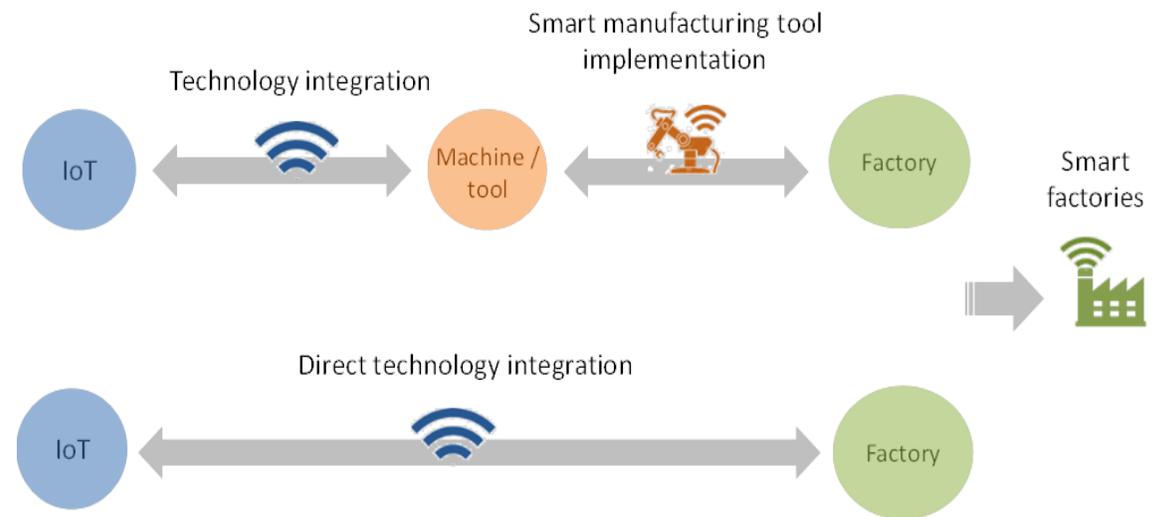
TYPE OF PROPOSALS

	Feasibility study	Prototyping	Demonstration / pilot
TRL of envisaged project	4-5	6	7-8
Maximum amount granted per beneficiary (SME)	25 000 €	45 000 €	60 000 €
Maximum Lump sum per project	50 000 €	90 000 €	120 000 €
Funding rate	Lump Sum		
Project duration	Up to 6 months	Up to 12 months	Up to 12 months

ONLY for profit SMEs can be funded

TIMING

20th September 2018: Opening of the call

20th December 2018: Deadline of the call at 17:00 CET

20th December 2018-18th February 2019: evaluation process

18th – 22nd February 2019: Evaluation Summary Reports sent to the project proponents

22nd February 2019 – 1st March 2019: Grant Agreement signature

1st March 2019-29th February 2020: projects execution

ELIGIBILITY CONDITIONS (1)

1 The applicant is a **Legal Entity** located in an **EU Member State** or an H2020 **Associated Country**
https://europa.eu/european-union/about-eu/countries_en
http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/3cpart/h2020-hi-list-ac_en.pdf

2 At least **two legal entities** based in **two different NUTS 1 regions** of European Member States and H2020 Associated Countries
http://ec.europa.eu/eurostat/web/nuts/nuts-maps-.pdf

3 At least **one** of these entities is a **for-profit SME**
http://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition_en

4 At least **one** legal entity of the consortium must be based in a Country of one the consortium partners (i.e. **France, Italy, Germany, Belgium or United Kingdom)**.

ELIGIBILITY CONDITIONS (2)

5   Each SME can receive a **maximum amount of 60 000 € as a total of the two calls** issued by IoT4Industry project (the total budget requested per partner must not exceed this amount).

6   **Proposals cannot exceed the maximum** amount of funding set per type of project.

7   Proposals must be submitted through the **FundingBox** platform before 17:00 CET of the deadline indicated in the timetable. Link from https://iot4industry-innovation-vouchers.fundingbox.com/

8   Proposals must be written in **English**, in scope and complete in all the parts indicated in the template section.

9   The **SME financial Viability Self-Check** must be provided in the Annex 3 Table, to prove the SME financial capacity (https://ec.europa.eu/research/participants/lfv/lfvSimulation.do). "Weak" results not accepted.

FUNDING CONDITIONS

1st Call total funding: 1,875,000 euro

- **Only for-profit SMEs eligible to funding and receive maximum 60 000 € over the IoT4Industry project duration.**

- Provide an explanation in the proposal on how the lump sum will be used (personnel, subcontracting, …), but detailed reporting of the spending, cost statements and time sheets are not requested after the end of the project.

- The applicants (SMEs) will receive the requested Lump sum (**20% as pre-financing and 80% at the end**).

- **No cost statements required, but** a **final technical check** of the results by at least 2 persons with technical skills from the project consortium will be done.

- **The approval process will check that all the technical KPIs (defined by the applicants) are 100% met and demonstrators and deliverables are satisfactory**.

- Furthermore a **physical or virtual meeting** with an interactive session will be organised to better verify the quality of the technical results.

- **Should the technical check be unsatisfactory, IoT4Industry Steering Committee can decide to revoke part or all the funding.**

> **THE FUNDING IS NOT PROVIDED UPON ADMINISTRATIVE AND FINANCIAL CHECKS BUT UPON VERIFICATION OF CONCRETE TECHNICAL RESULTS!**

APPLY NOW!
https://iot4industry-innovation-vouchers.fundingbox.com/

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www.iot4industry.eu