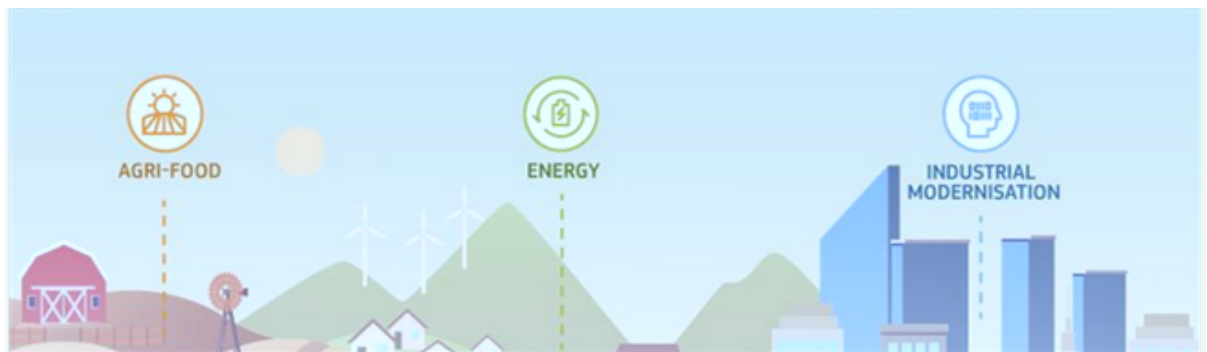


# Thematic Smart Specialisation Platforms Monitoring Progress Report

Fields marked with \* are mandatory.



## Thematic Smart Specialisation Partnership Monitoring Progress Report

This report is presented to the relevant Working/Steering Committee.

The report is updated every six months.

### Confidentiality:

The management report (section I) and progress report (section II) will be made available to the public via your Partnership's web page.

The part on self-assessment is confidential.

Based on the monitoring results, the European Commission will decide on the following term's support.

### \* Reporting period

July - December 2019

### \* Please select the name of your partnership

Cybersecurity

## I. Management report

### Please provide the executive summary of the objectives of your partnership

Cybersecurity risks in Europe are dramatically increasing: cyberespionage, cybercrime and theft of personal data are amongst the more pressing threats to the European society and economy. In the meanwhile, the development of European cyber technologies and of a cybersecurity industry is an opportunity for economic growth and job creation. Yet, cybersecurity in Europe is a nascent market still fragmented.

The aim of the partnership "European cyber Valleys" is to develop interregional cooperation in order to:

- create synergies among the existing specialized regions in cybersecurity
- facilitate the development of EU cybersecurity value chain
- address the challenges that hamper commercialisation of existing and new products and services in Europe
- foster business investment on cybersecurity.

National and regional authorities and representatives from the quadruple helix involved in this partnership have already developed a wide range of activities supporting cybersecurity development. Indeed, strengthening cyber local ecosystems in Europe has a fundamental role in structuring the still "young" European sector.

In this context, this partnership aims to foster cooperation between already existing mature ecosystems which has defined cybersecurity as a priority of their Strategy for Smart Specialisation (S3).

Developing the cybersecurity sector and providing mechanisms for regions to cooperate and engage industry, academia and end-users is forefront to the success of this partnership and of the EU as a whole.

### Please provide the list of leading regions

Brittany Region

### Please provide the list of participating regions.

*If possible, please follow this format: "Name of the region in English (Country abbreviation), NUTS code".*

*e.g.:* Lapland (FI), FI1D7

Castilla y Leon  
 Central Finland  
 Estonia  
 North Rhine Westphalia  
 Saint Quintin dans les Yvelines  
 Basque Country

### Please provide the list of interested regions or other entities (other than national /regional authorities)

Tuscany  
 Wallonia  
 Council of Oulu Region  
 Wales

Please provide an overview of the **working areas** of your partnership

|    | Working area  | Region in charge | Involved regions   | Other actors   |
|----|---|------------------|--|--|
| 1  | Mapping of regional ecosystems  | BDI              | Castilla y Leon<br>Estonia<br>North Rhine Westphalia<br>Brittany | European Cyber Security Organisation with the support of an expert granted by DG REGIO in the context of the S3 pilot Action |
| 2  | Business Model for an inter-regional acceleration program (TAF application) | Brittany         | All  | European Cyber Security Organisation with the support of 3 experts granted by DG REGIO in the context of the S3 Pilot Action |
| 3  | Business model on the federated cyber range (TAF application)               | Brittany         | Central Finland<br>Estonia<br>North Rhine Westphalia<br>Brittany | Expert provided by Brittany  |
| 4  |   |                  |  |  |
| 5  |   |                  |  |  |
| 6  |   |                  |  |  |
| 7  |   |                  |  |  |
| 8  |   |                  |  |  |
| 9  |   |                  |  |  |
| 10 |   |                  |  |  |

Please provide information regarding past meetings, workshops and dissemination activities (six months prior to filling out the survey)

|    | Event                              | Date     | Place      | Any other information   |
|----|------------------------------------|----------|------------|---|
| 1  | DIH Event                          | 01.07    | Brussels   | Presentation of the Business Model during the CNECT event organised to discuss the interaction with DIHs          |
| 2  | Partnership Meeting                | 02.10    | Brussels   |   |
| 3  | Meeting with DG GROW on TAF scheme | 04.10    | Brussels   |   |
| 4  | Investors Day in Luxembourg        | 15.10    | Luxembourg | Presentation of the business model of an acceleration program in front of private investors                       |
| 5  | EUROPEAN CYBER WEEK in RENNES      | 21.11    | Rennes     | International conference on the role of regions and territories to strenght the European cyber security framework |
| 6  | Smart Regions 3.0 Conference       | 14-15.11 | Brussels   | Smart Regions 3.0 Conference and participation to 2 peer-reviews sessions on BM with DG REGIO                     |
| 7  |                                    |          |            |   |
| 8  |                                    |          |            |   |
| 9  |                                    |          |            |   |
| 10 |                                    |          |            |   |

Please provide information regarding planned future meetings, workshops and dissemination activities

|    | Event               | Date       | Place    | Any other information                         |
|----|---------------------|------------|----------|---|
| 1  | Partnership Meeting | 20.01.2020 | Brussels | Meeting hosted by ECSO during its WG4 meeting |
| 2  |                     |            |          |   |
| 3  |                     |            |          |   |
| 4  |                     |            |          |   |
| 5  |                     |            |          |   |
| 6  |                     |            |          |   |
| 7  |                     |            |          |   |
| 8  |                     |            |          |   |
| 9  |                     |            |          |   |
| 10 |                     |            |          |   |

## II. Progress report

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### Innovative results

Please describe innovative results and achievements that could be attributed to the partnership (specific examples of results vs. objectives)

The Pilot Action updated two business cases: the interregional accelerator program (1) and the federated cyber ranges (2) and submitted two applications for the TAF mechanism.

The partnership receive technical support from DG REGIO to finalise the business model (1) in order to move forward with the operationalisation of such project the context of the preparation of future perimeter of Component V on Interregional project.

In particular the Partnership has initiated to cooperate with private investors in order to investigate the interest to invest in the inter-regional acceleration program.

With the support of experts granted by DG REGIO and based on the inputs provided by Regional stakeholders, the Partnership has developed a investment portfolio and the related business case of an inter-regional accelerator program which aims to provide 4 main services to local scaleups : access to finance, business design, market intelligence, sales outsourcing.

In addition, 4 regions have signed the legal agreement to contribute and have finalised the innovative mapping of their local ecosystem based on a common taxonomy provided by ECSO.[http://tools.bdi.fr/annu\\_craft/cybersecurity.html?dashboard=1](http://tools.bdi.fr/annu_craft/cybersecurity.html?dashboard=1)

This represent the first and unique example of a comprehensive approach to analyse the local ecosystems specialised in cyber security.

Tangible short- and medium-term socio-economic impacts achieved or expected (specific examples)

### Inter-regional and inter-partnership collaborative results

Additional results obtained from working with other partnerships under the thematic S3 Platforms (specific examples)

The S3 Partnership has close relationship with the INTERREG CYBER Project

Evaluation of the involvement of relevant business sector (clusters, SMEs, business associations, chambers of commerce, Digital Innovation Hubs (DIHs), etcetera) in the Partnership activities (specific examples)

The partnership is supported by the European Cyber Security Organisation (ECSO) established in June 2016 which provide the technical expertise on industrial policy.

Academia/research centres:

Pôle excellence cyber (PEC) including universities, research centers and higher education (France)

JYVSECTEC / Institute of Information Technology / JAMK (Finland)

University of Applied Sciences (Finland)

CPS.HUB – Competence Center for Cyber Physical Systems,

Institut SIKoM+ / Bergische Universität Wuppertal (Germany)

INCIBE (National Cybersecurity Center) and Cluster - AEI

Ciberseguridad y Tecnologías Avanzadas (Spain)

+ Universities from the different regions

Industry sector:

Bretagne Développement Innovation (BDI) (France)

nrw.uniTS – IT-Security network North Rhine-Westphalia and Eurobits and Cube5 acceleration (Germany)

Startup Estonia (Estonia) with more than 20 startups specialized in cybersecurity

Estonia Defense Industry Association (Estonia)

Pôle excellence cyber (France) (including large industry players such as Thales, Orange, Sopra Cap Gemini, ... and SMEs such as Amosys, Diateam, Secure-IC...)

INCIBE (National Cybersecurity Center) and Cluster - AEI

Ciberseguridad y Tecnologías Avanzadas (Spain)

Centro de Computación (Spain)

Public institutions:

ICE - Institute for Business Competitiveness of Castilla y León (Spain)

City of Leon (Spain).

Evaluation of whether the level of inter-regional cooperation is sufficient to potentially provide practical and relevant socio-economic impacts (specific examples)

Inter-regional cooperation is an ongoing process based on mutual interest, common understanding and vision of issues as well as trust between partners. Trust needs time and concrete actions to be developed. From July 2019, 4 meetings have been organised and more than 50 interviews between the experts of the Pilot Action and the Partnership stakeholders have been conducted to develop both business cases 1 and 2

**New activities**

Involvement of regions from EU13 Member States in the Partnership, in particular with respect to scoping, mapping and/or matchmaking. In addition, justification should be provided if no EU13 regions are involved

Involvement of regions/countries from outside of EU28 Countries. (Number of participants from non-EU countries (specify their contribution)

Advancement and promotion of the Partnership through publications and other communication/outreach activities (number of outreach activities that resulted from the partnership)

Activities and projects with partnerships working under other S3 Thematic Platforms (AgriFood, Energy and Industrial Modernisation)

**Your Partnership and the UN 2030 Sustainable Development Goals (SDGs)**

The EU has a strong position when it comes to sustainable development and is also fully committed to be a frontrunner in implementing the UN's 2030 Agenda, together with its member countries and regions. Many interregional partnerships under the thematic S3 Platforms contribute strongly to the attainment of these 17 goals.

**Please indicate to which Sustainable Development Goals and to what extent your thematic Partnership contributes?**

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|



|  | Strongly agree                   | Agree                            | Neutral               | Disagree              | Strongly disagree     | Not applicable                   |
|--|----------------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|----------------------------------|
| Goal 1. End poverty in all its forms everywhere  | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 2. End hunger, achieve food security and improved nutrition & promote sustainable agriculture                         | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 3. Ensure healthy lives & promote well-being for all at all ages  | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all               | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>            |
| Goal 5. Achieve gender equality & empower all women and girls  | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>            |
| Goal 6. Ensure availability and sustainable management of water and sanitation for all                                     | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 7. Ensure access to affordable, reliable, sustainable and modern energy for all                                       | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment & decent work for all | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialisation & foster innovation            | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>            |
| Goal 10. Reduce inequality within and among countries  | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 11. Make cities & human settlements inclusive, safe, resilient and sustainable  | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>            |
| Goal 12. Ensure sustainable consumption & production patterns  | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
|  |                                  |                                  |                       |                       |                       |                                  |

|   |                       |                       |                       |                       |                       |                                  |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------------|
| Goal 13. Take urgent action to combat climate change and its impacts  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 14. Conserve and sustainably use the oceans, seas & marine resources for sustainable development   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, halt and reverse land degradation and halt biodiversity loss | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 16. Promote peaceful & inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels          | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 17. Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |