

# **Smart Specialisation Platform for Industrial Modernisation**

## **Thematic S3 Partnership**

### ***Cybersecurity - European Cyber Valleys***

**Start Date February 2018**

## **MONITORING PROGRESS REPORT**

***Reporting Period: from January 2019 to June 2019***

This Report is presented to the relevant Working/Steering Committee.  
It contains three parts:

- I. Management Report prepared by the Lead Region(s)***
- II. Progress Report prepared by the Lead Region(s)***

The report is updated every six months.

Confidentiality: this document (part I) will be made available to the public via your Partnership's web page except for chapter *II.E. Self evaluation*.

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

**Executive summary (max. 250 words):**

*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.*

**I. Management Report prepared by the Thematic Platform/Lead Region(s)**

**I.A. Partnership Action Fact Sheet**

- **Partnership:** *Cybersecurity - European Cyber Valleys*
- **Partnership's web-page:** *http://s3platform.jrc.ec.europa.eu/cybersecurity*
- **S3 Thematic Platform:** *Industrial Modernisation*
- **Objectives:** *Fostering cooperation between European Cyber Valleys and supporting the commercialisation of local SMEs.*

• **Lead Region(s):** *list of regions/countries leading this partnership*

<i>Brittany (France)</i>

• **Official partner regions:** *list of regions/countries that have officially committed to follow this partnership and have been active in the last six months.*

<i>Castilla y Leon (Spain)</i>		
<i>Central Finland (Finland)</i>		
<i>Estonia</i>		
<i>North Rhine Westphalia</i>		

• **Other regions:** *list of regions/countries that have expressed their interest in this partnership but have not signed a commitment letter).*

<i>Council of Oulu Region</i>	<i>Please enter here...</i>	<i>Please enter here...</i>
<i>Greater Region of Luxembourg</i>	<i>Please enter here...</i>	<i>Please enter here...</i>
<i>Basque Region..</i>	<i>Please enter here...</i>	<i>Please enter here...</i>
<i>Please enter here...</i>	<i>Please enter here...</i>	<i>Please enter here...</i>
<i>Please enter here...</i>	<i>Please enter here...</i>	<i>Please enter here...</i>
<i>Please enter here...</i>	<i>Please enter here...</i>	<i>Please enter here...</i>
<i>Any other comments</i>		

• **Intentions to join:** *list any regional/national authorities*  
*(Please list here all other regions that have expressed their interest to join the partnership)*

• **Other participants (other than national/regional authorities):**  
*(Please list here all other (non-region) participants (clusters, institutes, RTOs, etc.))*

<i>The partnership is supported by the European Cyber Security Organisation (ECSO) established in June 2016 which provide the technical expertise on industrial policy.</i>	<i>Please enter here...</i>	<i>Please enter here...</i>
<i>Academia/research centres:</i>		

<p><i>Pôle excellence cyber (PEC) including universities, research centers and higher education (France)</i>  <i>JYVSECTEC / Institute of Information Technology / JAMK (Finland)</i>  <i>University of Applied Sciences (Finland)</i>  <i>CPS.HUB – Competence Center for Cyber Physical Systems, Institut SIKoM+ / Bergische Universität Wuppertal (Germany)</i>  <i>INCIBE (National Cybersecurity Center) and Cluster - AEI Ciberseguridad y Tecnologías Avanzadas (Spain)</i>  <i>+ Universities from the different regions</i></p> <p><i>Industry sector:</i>  <i>Bretagne Développement Innovation (BDI) (France)</i>  <i>nrw.uniTS – IT-Security network North Rhine-Westphalia (Germany)</i>  <i>Startup Estonia (Estonia) with more than 20 startups specialized in cybersecurity Estonia Defense Industry Association (Estonia)</i>  <i>Pôle excellence cyber (France) (including large industry players such as Thales, Orange, Sopra Cap Gemini, ... and SMEs such as Amosys, Diateam, Secure-IC...)</i>  <i>INCIBE (National Cybersecurity Center) and Cluster - AEI Ciberseguridad y Tecnologías Avanzadas (Spain)</i>  <i>Centro de Computación (Spain)</i></p> <p><i>Public institutions:</i>  <i>ICE - Institute for Business Competitiveness of Castilla y León (Spain)</i>  <i>City of Leon (Spain).</i></p>		
<i>Please enter here...</i>	<i>Please enter here...</i>	<i>Please enter here...</i>
<i>Please enter here...</i>	<i>Please enter here...</i>	<i>Please enter here...</i>
<i>Please enter here...</i>	<i>Please enter here...</i>	
<i>Any other comments</i>		

<p><b>Representative of Lead Region 1:</b>  <i>(name, institution, address, phone, e-mail)</i></p>	<p><b>Representative of Lead Region 2</b>  <i>(if applicable): (name, institution, address, phone, e-mail)</i></p>
--	--

Annie Audic - Brittany Region annie.audic@bretagne.bzh	Please enter here...
<b>European Commission Coordinator:</b> (name, e-mail) Please enter here...	Any other relevant information:  Please enter here...

**I.B. Thematic Working Areas (WA)**

- **Thematic Working Areas** (if any, please list of WAs, region(s) in charge of it, names and affiliations of involved regional/national authorities, and other actors)

Working Area	Region in Charge	Involved regions	Other actors
Mapping of European cybersecurity capabilities (to support business development).	Region in Charge	All regions of the pilot action	Other actors
Smart commercialisation (startups and SMEs)	Region in Charge	All regions of the pilot action	Other actors
Business model for training platform /cyber range/cyber training platform	Region in Charge	All regions of the pilot action	Other actors
Facilitating the visibility of "European cyber valleys"	Region in Charge	All regions of the pilot action	Other actors
Any other comments			

**I.C. Overview of past activities (past six months, the 1<sup>st</sup> half of 2019)**

**Past Meetings**

Title	Date	Place
7 <sup>th</sup> Partnership Meeting	21.03.2019	Brussels
Meeting with all DGs	28.03.2019	Brussels
8 <sup>th</sup> Partnership Meeting	19.06.2019	Brussels
Any other comments		

**Past Workshops**

Title	Date	Place
Meeting Working Group 2 : SMEs	12.06.2019	Brussels
Please enter title here...	Please enter date here...	Please enter place here...
Any other comments		

**Past Dissemination Activities**

Title	Date	Place
Publication of the position paper on The role of the regions in strengthening the European	03.2019	Please enter place here...

<i>Union's cyber security</i>		
<i>Publication of Connecting European Cyber Valleys' - map of the European cyber security ecosystems</i>	<i>04.2019</i>	<i>Please enter place here...</i>
<i>Any other comments</i>		

**I.C. Overview of future activities (the next 6 months – the 2<sup>nd</sup> half of 2019)****Future Meetings**

<i>Title</i>	<i>Date</i>	<i>Place</i>
<i>Business Plan Review</i>	<i>Beginning July</i>	<i>TBC</i>
<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Any other comments</i>		

**Future Workshops**

<i>Title</i>	<i>Date</i>	<i>Place</i>
<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Any other comments</i>		

**Future Dissemination Activities**

<i>Title</i>	<i>Date</i>	<i>Place</i>
<i>European Cyber Week</i>	<i>18.11.19-21.11.19</i>	<i>Rennes</i>
<i>European Cyber Security Organsaiton Working Group with Investors</i>	<i>October TBC</i>	<i>Luxembourg</i>
<i>Any other comments</i>		

**II. Progress Report** prepared by the Lead Region(s) of the partnership, describing **results achieved during this period**, in no more than 3 pages (the report is “cumulative”). All items listed in Sections A, B, and C, below, must be addressed.

Additional documentation such as extended technical reports and/or proceedings of workshops may be provided separately as an annex to this report (and should be referenced in the report).

### II.A. Innovative results

- Innovative results and achievements that could be attributed to the Partnership. (Specific examples of Results vs. Objectives).

*In November 2018, the Pilot Action submitted two business cases: the interregional accelerator program (1) and the federated cyber ranges (2).*

*DG REGIO decided to support as priority the (1) and provided us with technical expertise to move forward with the operationalisation of such project.*

*However efforts still need to be made in order to demonstrate its innovation component, the added value of a cross regional cooperation and the ability to end up with interregional joint investments.*

*Main expectation: to release a financial plan by July to be used as a proposal in the context of the preparation of future perimeter of Component V on Interregional project.*

#### WP 1

*- BDI to draft a proposal on the functionalities & benefits of the mapping (e.g. marketing of local solutions, research on the definition of mature ecosystems, partnership & business development at EU level).*

*- BDI has finalised the agreement with Estonian partners to initiate the mapping exercise.*

#### WP2

*Thanks to the support provided by DG REGIO, the Partnership initiated a broad dialogue with important stakeholders of the European cyber security ecosystems: the specialised accelerators and investors. The experts are now working on the 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.*

#### W

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

*Please enter here...*

### II.B. Inter-regional and inter-partnership collaborative results

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

*Please enter here...*

- 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)

*Important dialogue with private investors has been initiated*

*We have also established the contact with DIHs*

- 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 need time and concrete actions to be develop.*

*From Januray 2019, 3 meetings have been organised and more than 20 interviews between the experts of the Pilot Action and the Partnership stakeholders have been cundected to develop the WP2*

## II.C. 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.*

*Already involved.*

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

*Not relevant*

- Advancement and promotion of the Partnership through publications and other communication/outreach activities. *(Number of outreach activities that resulted from the Partnership. A complete list with references and web-links should be given in an annex).*

*Publication of the position paper : "The role of the regions in strengthening the European Union's cyber security". Accessible here : <https://www.ecs-org.eu/documents/publications/5ca4a9b1035bc.pdf>*

- Activities and projects with partnerships working under other S3 Thematic Platforms (*Agri-Food, Energy and Industrial Modernisation*).

*Please enter here...*