

OUTPUT FACT SHEET

Strategies and action plans

Version 2

Project index number and acronym	CE1352 S3HubsinCE
Output number and title	Output O.T2.1 Joint Strategy & Action Plans for the Constellation of CERIS3 Excellence
Responsible partner (PP name and number)	<ul style="list-style-type: none"> • Carinthia University of Applied Sciences (PP01) • Fraunhofer Institute for Machine Tools and Forming Technology IWU (PP04) • Intellimech (PP05) • ECIPA - Training and Service Agency Limited Liability Consortium (PP06) • Slovenian Tool and Die Development Center (PP08) • Croatian Chambers of Economy - Varazdin County Chamber (PP10)
Project website	https://www.interreg-central.eu/Content.Node/S3HubsinCE.html
Delivery date	02/2020
Summary description of the strategy/action plan (developed and/or implemented), explaining its main objectives and transnational added value	

The Output describes a joint transnational strategy, designed by CERIS 3 Navigation Crews, which lays the foundation for a long-term cooperation method among Digital Innovation Hubs. S3HubsinCE aims to use the model of the digital innovation hub, and linkages between these hubs created through collaborative exchange on smart specialization thematic priority areas, to create a common transnational support structure. This structure has a goal to generate stronger connections between RIS3 stakeholders to promote value creation and enhanced competitive advantage in Central Europe. The strategy and the action plans included in this Output have been designed by Project Partners, who were tasked with designing and planning a Digital Innovation Hub Pilot Action and support actions. Altogether the Partnership was organized to develop **60 pilot actions**, which enhanced the collaboration between central European Digital Innovation Hubs, whilst simultaneously promoting trans-regional strategy development with regards to research & innovation smart specialization.

Partners had to design and plan two types of actions: **Training & Mobility (“T&M”) Actions** and **Transfer & Cooperation (“T&C”) Actions**. The purpose and objective of these action types are distinct. **T&M Actions** focused on promoting connectivity and exchange between Digital Innovation Hubs on the thematic priority areas of central Europe’s smart specialization agenda and promoting the enhancing of understanding between research and innovation ecosystems. **T&C Actions** focused on creating market-oriented, transnationally focused actions to create added-value for RIS3-critical organizations.

Each Navigation Crew ensured that its active members were connected with actions, both training and mobility, and transfer and cooperation-oriented, at a transnational level. The table below provides an overview of how many connected actions were tabulated for each Navigation Crew. It is important to note that some actions are repeated between Navigation Crews, because the scope of the action was to develop a multipronged technology-solution to an identified regional challenge.

Navigation Crew	Total Action Count
<i>Industrial IoT</i>	57
<i>Factory & Process Automation</i>	15
<i>Machine Vision</i>	19
<i>Predictive Maintenance</i>	28
<i>Design & Engineering for Additive Manufacturing</i>	14
<i>Data Analytics, Complex Simulation and Modelling</i>	44
<i>Innovation in a Circular Economy</i>	7
<i>Digital Marketing</i>	4
<i>Advanced and Smart Materials</i>	17
<i>DI&I: Machinery</i>	13

NUTS region(s) concerned by the strategy/action plan (relevant NUTS level)

- CUAS - AT21, Kärnten (NUTS 2)
- FB - AT11, Burgenland (NUTS 2)
- Bwcon - DE11, Stuttgart (NUTS 2)
- Fraunhofer IWU - DED4, Chemnitz (NUTS 2)
- Intellimech - ITC4, Lombardia (NUTS 2)
- Ecipa - ITH3, Veneto (NUTS 2)
- KPT - PL21, Malopolskie (NUTS 2)
- TECOS - SI01, Vzhodna Slovenija (NUTS 2)
- PBN - HU22, Nyugat-Dunántúl (NUTS 2)
- Croatian Chamber of Economy - Varaždin- HR04, Kontinentalna Hrvatska (NUTS 2)

Expected impact and benefits of the strategy/action plan for the concerned territories and target groups

The strategy should guide the transnational cooperation among involved DIHs and their stakeholders thus expanding their usual approach to service delivery.

To promote onward sustainability and stewardship of these actions two digital tools are used. The first, ASANA, is an internal project tool used for detailed project action planning and update provision. It allows the Partners to work together and inform each other about implementation timelines. The second, DIHNET.eu/S3HubinCE online community is a public tool, which all stakeholders can join to receive information about the Digital Innovation Hubs connected within the network, and the actions which each Partner and Digital Innovation Hub team are arranging to connect and exchange on research and innovation ecosystem development.

A wide range of actors will benefit from this approach: Digital Innovation Hubs, Service Providers and enterprises that reach out to these hubs to innovate their processes and products.

Sustainability of the developed and/or implemented strategy/action plan and its transferability to other territories and stakeholders

The implemented actions have provided evidence of the effectiveness of the strategy and the related actions.

The Output defines a strategy and a thematic approach that can easily be transferred and reused in other territories and by other Digital Innovation Hubs.

The main lesson - or evidence - learnt during the design of the strategy and the planning of the actions is that an “on-site” based understanding of the commonalities and needs is essential. Even though online tools have facilitated interaction, there is nothing stronger and more effective than meeting and discussing with several stakeholders to understand how long term cooperation can work.

References to relevant deliverables and web-links

If applicable, pictures or images to be provided as annex

Main relevant Project Deliverables:

- DT2.1.2 - Report on the Joint strategy for the Constellation of CERIS3 Excellence
- DT2.2.2 - Report on the 10 Transnational Action Plans & DIH Concepts

Weblinks:

DT2.2.2

<https://www.interreg-central.eu/Content.Node/S3HubsinCE/Report-on-the-10-Transnational-Action-Plans--DIH-Concepts.pdf>

Images:

<https://www.interreg-central.eu/Content.Node/S3HubsinCE/DIH-Poster.pdf>

Brochure:

<https://www.interreg-central.eu/Content.Node/S3HubsinCE/DIH-Brochure.pdf>

DIGITAL INNOVATION HUB PILOT ACTIONS:

Digital Innovation Hub Action Summary											
	Totals	CUAS	FB	BWCON	IWU	IMECH	ECIPA	KPT	TECOS	PBN	HGK VZ
Hub Name	10 Digital Innovation Hubs to Promote Central Europe RIS3 Excellence	smartfab-carinthia @ dih-sued	Digital Innovation Hub Ost (DIH Ost)	DIGI HUB Südbaden	Smart Production Systems Saxony - InnoSax	AFIL - Associazione Fabbrica Intelligente Lombardia	Ecipa Nordest Hub	Hub4Industry	Digital innovation Hub Slovenia	Advanced-Manufacturing Laboratory (am-LAB) DIH	Croatian Robotics Digital Innovation Hub (CROBOHUB), hosted within ICENT
Hub Pilot Action		smartfab-carinthia (as part of DIH-Süd)	S3-DIH-Ost	DIGI HUB Südbaden & S3HubsinCE	Cooperation InnoSax and S3Hubs	Digital Roadmaps and Intervention Strategies: Public Private Partnerships supporting the digital readiness of European enterprises	TICKET - Transform & Innovate Companies through the Key of the digitalization to Enhance competitiveness.	Acting locally winning globally in digital transformation. From evangelization to action.	SMART THINKING FOR SMART MANUFACTURING	DIH Raising awareness workshop towards regional policy stakeholders and university players	DIH Matrix Varaždin