

FOUNDATION FOR FUTURE FORESIGHT (F3) FORUMS FOR CERIS3 EXCELLENCE

D.T3.2.2 Reporting for A.T3.2 on the
Results based on the 20 Regional F3
Forums

Version 3.00.00
11 2021

Author: **Laura Salomon** Fraunhofer IWU and

Mathilde Besnard & Sarah Hedden MIND CONSULT & RESEARCH





Document Control

Document Summary	
Project Number	CE1352
Project Title	S3HubsinCE
Work Package/Activity	A.T3.2 Foundation for Future Foresight for CERIS3 Excellence Planning & Development
Deliverable	D.T3.2.2 Foundation For Future Foresight (F3) Forums For Ceris3 Excellence
Deliverable Responsible (if applicable)	PP4 / IWU
Deliverable Reviewer (If applicable)	PP1 / CUAS (as Project Lead)
Deliverable Due Date	31.10.2021

Dissemination Level		
PU	Public	PU
PP	Restricted to other programme participants	
RE	Restricted to a group specified by the consortium	
CO	Confidential, only for members of the consortium	

Document History			
Date	Version	Issuer	Description of Changes
17.11.2021	01.00.00	MCR	Base Draft Generated
22.11.2021	02.00.00	MCR	Working draft
28.11.2021	03.00.00	MCR	Draft to be submitted for review.
29.11.2021	04.00.00	MCR	Draft with IWU comments incorporated, for PP Review.
30.12.2021	05.00.00	IWU	Final Version issued integrating PP Review



1. Executive Summary

1.1. Project Overview

S3HubsinCE aims to utilise the model of the Digital Innovation Hub, and linkages between these hubs created through collaborative exchange on smart specialisation 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.

Ultimately it creates and tests a common method to help regional and national strategy-responsible institutions, understand how RIS3 value-creation can be fostered through a connected network of Digital Innovation Hubs (DIH). The project focuses on:

- Transnational innovation network to enhance collaborative RIS3 exchange and identify RIS3 Champions
- DIH alignment through a common pilot-program, to promote market-focused RIS3 Excellence and RIS3 Value-Creation
- Future-orientated policy learning with closer-to-market activities.

1.2. Scope of Document & Summary

This report provides an analysis and evaluation of a part of the activity A.T3.2 “Foundation for Future Foresight (F3) for CERIS3 Excellence Planning and Development”. Indeed, during this activity, 20 Foundation for Future Foresight Forums have been organized and reported (2/partner). These workshops/ Forums were designed to promote engagement and discussion on how to optimize transnational engagement and to promote regional competitive advantages. These workshops are built on the DIH Inauguration Event which each PP held with its regional digital innovation hub network. Therefore, this document, written under the direction of IWU, summarizes and combines the results of all the Forums.

To summarize on what was reported during these 20 F3 Forums, DIHs Network should be expanded with a special target on SMEs. Indeed, DIHs Network should enhance the exchange of best practices on a regular basis to foster competitiveness and acknowledge market trends. The exchange should include all types of stakeholders, including policymakers, to help them define RIS3 appropriately. DIHs should then develop their services and offers according to market needs, and align with RIS3.

1.3. Audience

This document is directed towards the PPs and stakeholders involved in the project, but also to all who would be interested to learn more about how to foster and optimize transnational engagement and to promote regional competitive advantage in Central and Eastern Europe.

1.4. Change Control Procedure & Structure

The Deliverable Responsible, IWU created this guidance, and it is under standard project change control, whereby Partners are requested to give feedback on the stated definition or tools in writing to the Deliverable Responsible in a timely manner (within one week of the document circulation).

As per normal procedure, at any time partners believe a deliverable should change, the request should be brought to the deliverable leader and Lead Partner (in this case IWU, Deliverable Responsible lead and CUAS, Project Lead Partner), to consolidate feedback from other partners, and integrate and disseminate the final agreed changes.



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Abbreviations:

Abbreviation	Explanation
AF	Application form
(e)DIH	(European) Digital Innovation Hub
F3 Forums	Foundation for Future Foresight Forums
PP	Project Partner
RIS3	Regional Innovation Strategy for Smart Specialisation
S3	Smart Specialisation Strategy



2. Introduction

2.1. Purpose of the document

The purpose of this document is to provide the S3HubsinCE consortium and every stakeholder interested with information on how to foster transnational cooperation and regional competitive advantage. In this objective, the results and the implementation of the “Foundation for Future Foresight Forums” is crucial and critical. The “Foundation for Future Foresight Forums” represents a virtual series of workshops used to discuss on how to optimize transnational engagement in order to promote regional competitive advantage. Every partner had to organize two Forums:

- 1) The 1st Forum focused on RIS3 value creation and actions. They had to introduce their RIS3 Champions and to briefly present their actions to their Regional DIH Network, policy-influencing stakeholders, high-performing regional target group representatives and their key stakeholders from their transnational network.
- 2) The 2nd Forum provides a deeper analysis, focusing on RIS3 actions. During this workshop, the DIH network was asked to review the success of the actions within the CERIS3 Excellence Model that each PP was implementing in WPT2. Moreover, RIS3 Champions were asked to describe the value which was created through the network and what are their needs to foster their competitive advantage.

This document synthetizes the responses and feedbacks from Partners following these Sessions.

2.2. Key Concepts and Definitions

In this section some terms that will be frequently used in the activities of WPT3 are reported and extensively explained to create better common understanding of projects outputs and related objectives.

- **Foundation for Future Foresight Forums Forums (F3 Forums)**: The 20 F3 Forums (2/partners) are the Outputs described in D.T3.2.1 and should enhance the understanding of how to improve transnational engagement in the objective of fostering regional competitive advantages. Indeed, every partner had to organize 2 Forums to discuss with its DIH network about regional challenges and needs.
- **Digital Innovation Hub (DIH)**: They are designed “to help companies dynamically respond to the digital challenges and become more competitive. They are based upon technology infrastructure (Competence Centre) and provide access to the latest knowledge, expertise and technology to support their customers with piloting, testing and experimenting with digital innovations. DIHs also provide business and financing support to implement these innovations, if needed across the value chain.” (European Commission: <https://digital-strategy.ec.europa.eu/en/activities/edihs>)
- **Regional Innovation Strategy for Smart Specialisation (RIS3)**: Its aim is to make a more effective use of existing knowledge resources in every region and to use them for the production network and increase the number of innovative companies. The objective is therefore to “make innovation a priority for all regions” in the European Union.



- **RIS3 Champions**: RIS3 Champions are best-in-class organisations (SMEs, Large Enterprises and Research and Technology Organisations [RTOs]) critical to the specific research and innovation development of a territorial area, as identified by the project Partners in S3HubsinCE. Every partner had to select and present their RIS3 Champions during their first F3 Forum. By selecting these, they commit to help and support them via a connected network of Digital Innovation Hubs which will deliver key added value for them. This action should help PPs to define the environment/ ecosystem of their regions and the different needs, challenges and expectations of their stakeholders. It should also help the partners to define the opportunities in terms of infrastructure, policy instruments, network support that should be fostered by the DIH Network.



3. Methodology

The purpose of this section is to provide evidence of a clear methodological approach to collect the data in order to be able to deliver a precise analysis.

3.1. Partners

10 organizations are partners in this project with the lead of Carinthia University of Applied Sciences (CUAS). The ten organisations listed in Table 1 are the organisations which hosted the 20 F3 Forums. As described previously, each partner was obliged to hold two Forums across a 12-month period.

N°	Partner	Type of Organisation	Country	Abbreviation
1	Carinthia University of Applied Sciences	HER	Austria	CUAS
2	Forschung Burgenland GmbH	HER	Austria	FB
3	BWCON GmbH	SME	Germany	BWCON
4	Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e.V. for its Fraunhofer Institute for Machine Tools and Forming Technology	HER	Germany	IWU
5	Intellimech Consortium	SME	Italy	IMECH
6	Ecipa - Training and Service Agency Limited Liability Consortium	SME	Italy	ECIPA
7	Krakow Technology Park	BSO	Poland	KPT
8	Slovenian Tool and die Development Center	HER	Slovenia	TECOS
9	Pannon Business Network Association	BSO	Hungary	PBN
10	Croatian Chamber of Economy - Varaždin County Chamber	BSO	Croatia	HGK

Table 1 - Partners' list (Source: S3HubsinCE Application Form)



3.2. Participants

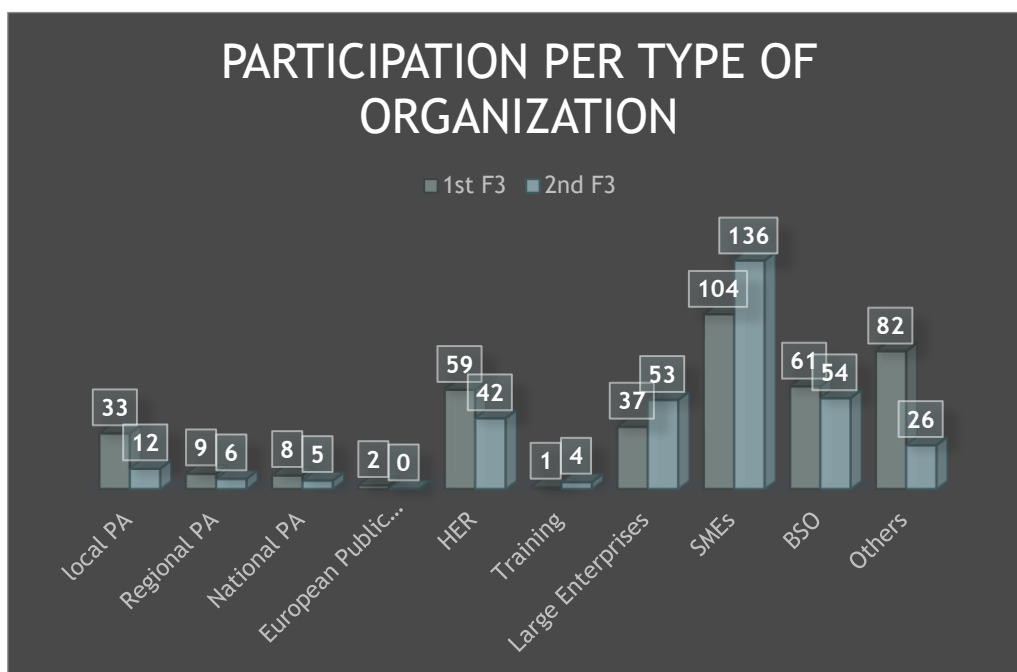


Figure 1 - Participation in F3 Forums by type of organization (Source: Author generated, S3HubSinCE, 2021)

722 participants to the F3 Forums were reported by the partners. We can notice that most of them were SMEs followed by Business Support Organisation (BSO). It is important however to acknowledge that some of the participants might be counted twice if they participated in the 2 forums.

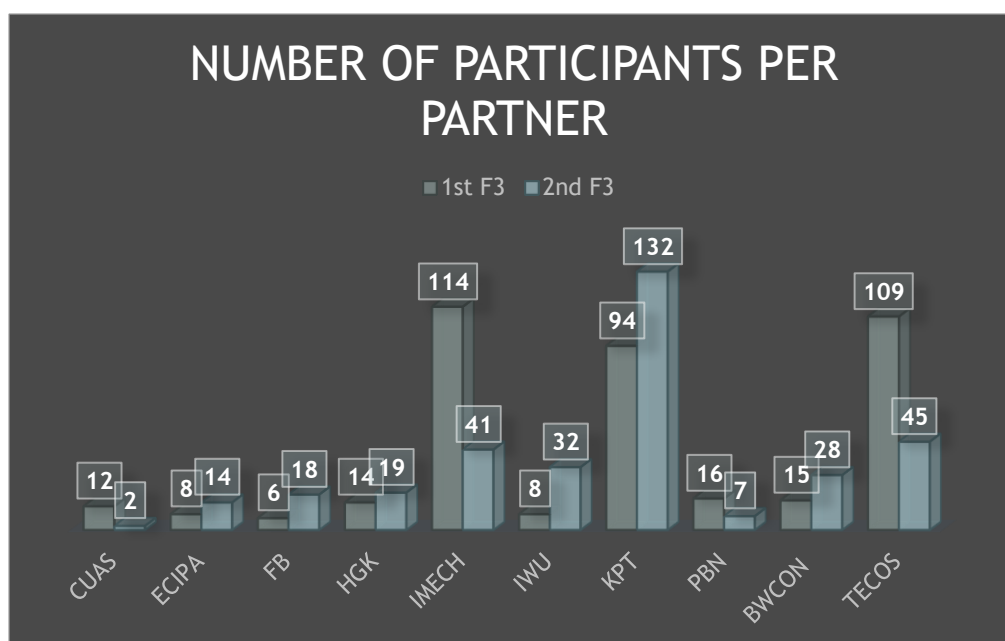


Figure 2 - Number of attendees for F3 Forums (Source: Author generated, S3HubSinCE, 2021)



3.3. Implementation strategy

This section describes the implementation of the F3 forums, from defining the objectives to the process of implementation and of reporting.

3.3.1. Overall Concept and Objective

The F3 Forums consisted of two regional meetings per Partner involving as a minimum the partners' DIH Network and key policy-influencing stakeholders who are important for developing the territorial area's RIS3. The F3 Forums, follow on from the DIH Inauguration Event, and target regional, vertical discussions with key stakeholders important for RIS3 supported through connections with the DIH network associated.

The purpose of these meetings was to raise awareness of every partner organisation's actions to promote RIS3 implementation (by supporting RIS3 Champions via a connected network of Digital Innovation Hubs which deliver key value-adding services), and raising awareness about the RIS3 Champions.

Furthermore, these meetings promoted reflective communication regarding the needs of the territorial area's key organisations and the ways which every partner's organisation is supporting these entities (and also ideas on how to support them in the future) to overcome these needs-gaps.

Finally, these meetings were also used to brainstorm key ideas on how to promote further actions and extend benefits to other regional stakeholders. This extended or transferred benefit is important to showcase that value is added to the regional eco-system as a whole and CE territorial area, and not just to a single organisation.

3.3.2. Session proceedings

Shown below in Table 2 is a table describing the two different F3 Forums in further detail.

	Foundation for Future Foresight Forum 1	Foundation for Future Foresight Forum 2
Event Short Name	F3 Forum 1	F3 Forum 2
Target Number of Attendees	20 to 30	20 to 30
Target Duration	2-3 Hours	2-3 Hours
Agenda / Topic Focus	<p>Market & information dissemination over your actions - their status, could they/can they be refined.</p> <p>Discuss RIS3 Champions / select or announce RIS3 Champions</p> <p>Engage with RIS3 Champion's Needs (thematically speaking, what services do those RIS3 Champions need, associated to</p>	<p>Reflect with your stakeholders on the value-added benefits of your actions (as delivered)</p> <p>What else should occur to meet the needs of the key RIS3 Champions / players in the territorial area?</p> <p>What are the opportunities (innovation infrastructure / policy instrument / network support), which should be and could be</p>



	goals/orientation of the Navigation Crews	fostered by the DIH Network or other key stakeholders in the region?
Attendees	<p>DIH Network (mandatory)</p> <p>RIS3 influencing policy stakeholders (mandatory)</p> <p>RIS3 Champions (mandatory - but can be fulfilled be pre-recorded video introducing them & key competencies)</p> <p>Navigation Crew (optional - but it may be valuable to co-present actions you are working on together, depending on event language).</p>	<p>DIH Network (mandatory)</p> <p>RIS3 influencing policy stakeholders (mandatory)</p> <p>RIS3 Champions (Optional: consider if you will have your reflections workshop with them during this session)</p> <p>Navigation Crew (optional - but it may be valuable to co-present actions you are working on together, depending on event language).</p>
Expected Completion Date	31 March 2021	31 August 2021

Table 2 - Overview and Comparison between the two F3 Forums (Source: Author generated)

3.3.3. Reporting

Every partner was responsible for reporting on their specific action associated to the delivery of the F3 Forums. Each Partner had to upload the following documents as an evidence base for the delivery of the two regional workshops:

- The Template elaborated for this activity (can be found in the guidance document DT3.2.1: “Handbook On The Foundation For Future Foresight For Ceris3 Excellence”)
- Save the Date (sent via outlook)
- Invitation
- Agenda
- Minutes
- List of participants (name of the organization, type of stakeholder: SME, BSO, Local PA, Regional PA, HER...)
- Screenshot of the participants during the session
- Recording of the session

Due to the execution of the event taking place during the height of the COVID-19 Pandemic, digital evidence collected from the event’s online-teleconferencing tools, was also accepted as a reasonable evidence base for the completion of this activity.

3.4. Data Analysis for the Final Report

The final report contains the summarized feedback of all 20 F3 Forums from 10 partners (2/partners). It also gathers all recommendations from Partners and Observers on what key aspects should be explored in the next stage of the project, to ensure appropriate input is provided and to make a successful and effective Blueprint.



To provide an academic analysis of this type of data, a coding framework was implemented in 2 major steps. First, all the answers were gathered in an excel sheet. Then, common ideas per questions were extracted and divided into topics expressed in Section 4. Results.

3.5. Timeline

In Table 3, the timeline is displayed regarding the F3 Forums: organisation, reporting, information gathering and final report.

Deadline Description	Date
1 st Foundation for Future Foresight Forum (F3)	Before 31 March 2021
2 nd Foundation for Future Foresight Forum (F3)	Before 30 September 2021
Final Template, uploaded with all the evidence documents required	15 th October 2021
First Draft version of DT3.2.2. ready for Partnership review	15 th November 2021
Final report released	30 th November 2021

Table 3 - Deadline of the Deliverable DT3.2.2 (Source: Author generated)



4. Results

This section will explore the results established during the F3 Forums and reported by the partners after the sessions. The results chapter is broken-out into two key areas, providing granularity on achievements during the first and second F3 Forum. Then, each section is divided into 4 sub-sections that will help capturing the full picture and create the most added value possible from these Forums. The first sub-section, provides an administrative overview of the composition of attendees during the events, and will help increase understanding about the selection of the RIS3 Champions and how their involvement in their respective region is important and relevant to take into account. Then, the analysis will focus on presenting the different actions mentioned and will look at similarities and differences between the regions. Third, the lessons learned brought by the partners will be evaluated and compared to each other to find similar needs/ expectations or challenges. Finally, this sub-section finishes by describing the lasting role(s) of DIH Network wanted by the partners.

4.1. First F3 Forum

The 1st Forum focused on RIS3 value creation and actions. They had to introduce their RIS3 Champions and to briefly present their actions to their Regional DIH Network, policy-influencing stakeholders, high-performing regional target group representatives and their key stakeholders from their transnational network.

Name of the Partner	Date of the event
BWCON	22/06/2021
CUAS	15/04/2021
ECIPA	11/12/2020
FB	28/01/2021
HGK	17/05/2021
IMECH	28/04/2021
IWU	14/01/2021
KPT	25/02/2021
PBN	29/03/2021
TECOS	07/04/2021

Table 4 - Date of the 1st F3 Forum (Source: Author generated, S3HubSinCE, 2021)



4.1.1. Attendance

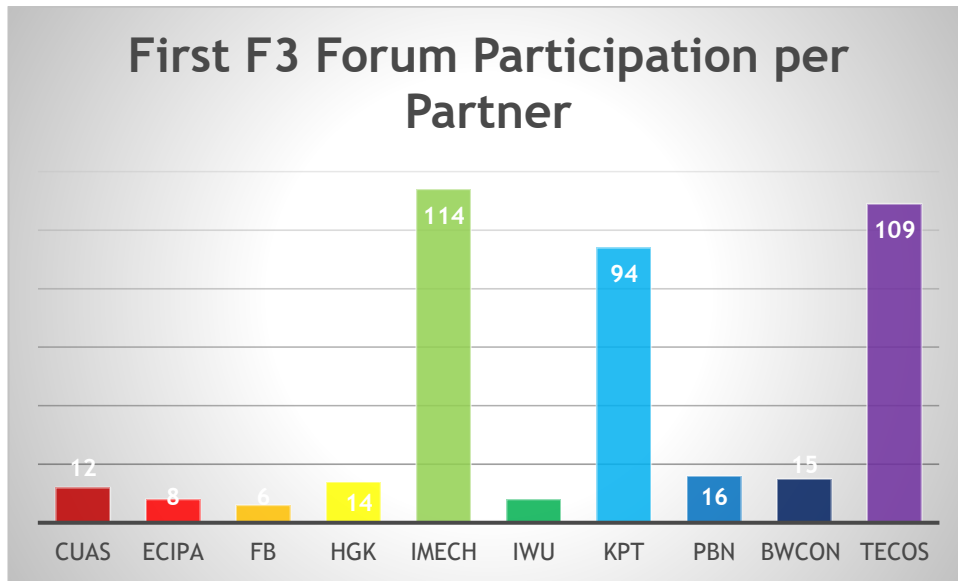


Figure 3 - First F3 Forum Participation Partner (Source: Author generated, S3HubSinCE, 2021)

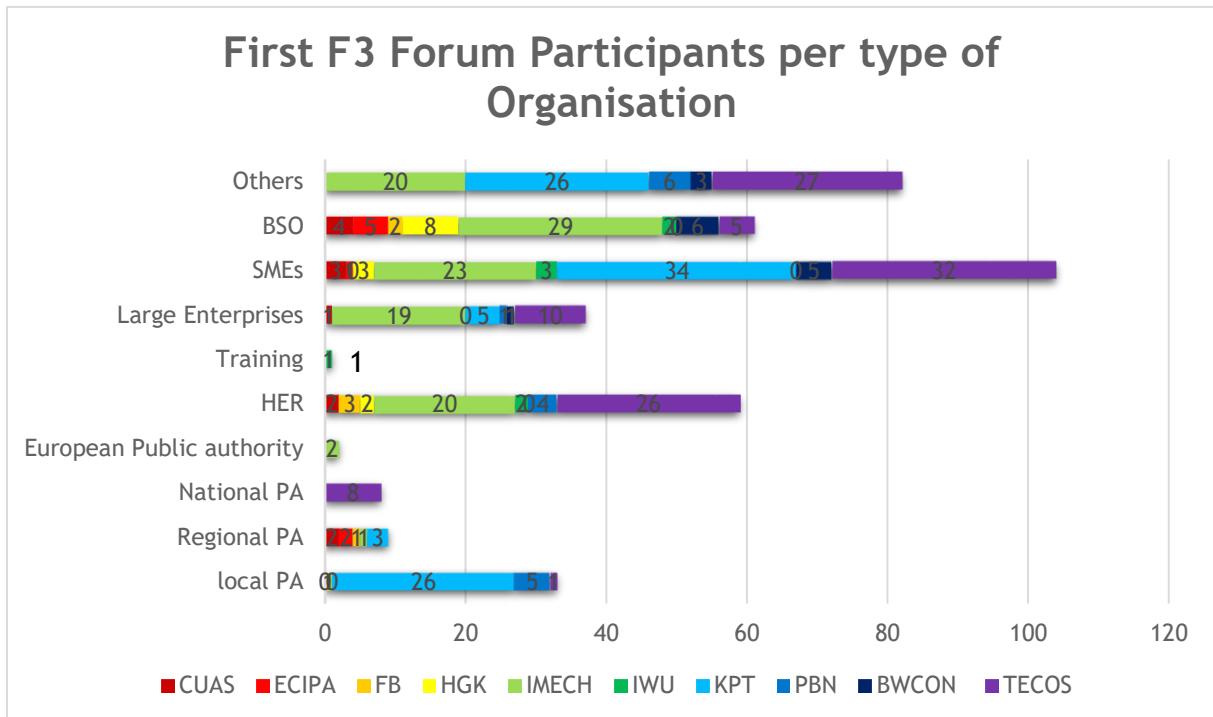


Figure 4 - First F3 Forum Participant per type of organisation (Source: Author generated, S3HubSinCE, 2021)

Local PA	Regional PA	National PA	European PA	HER	Training	Large Enterprise	SME	BSO	Other	Total
33	9	8	2	59	1	37	104	61	82	396

Table 5 - First F3 Forum Participant per type of organisation (Source: Author generated, S3HubSinCE, 2021)



This table shows all the participants of the first F3 Forums whether they also attended the 2nd Forum or not. This table report therefore on the total of attendees.

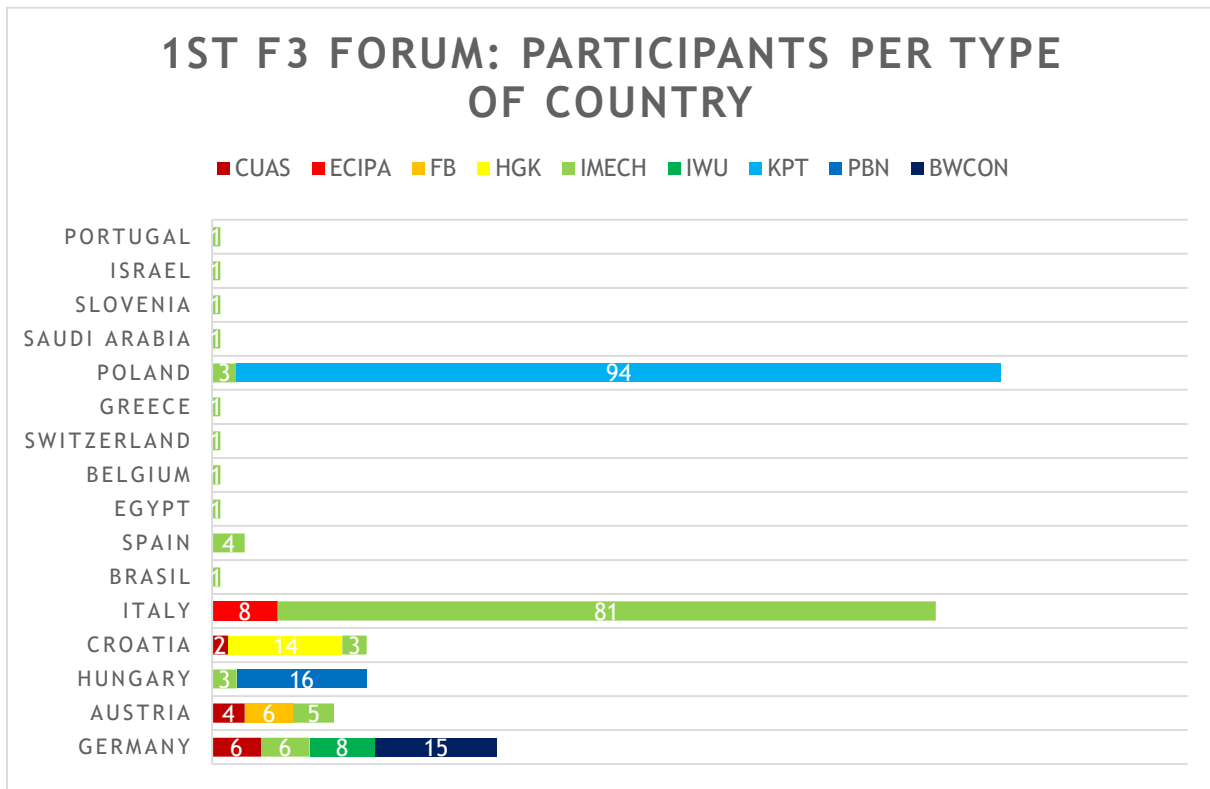


Figure 5 - 1st F3 Forum: Participants per type of country (Source: Author generated, S3HubSinCE, 2021)

4.1.2. Objective and Key Actions introduced

4.1.2.1. Objective of the event

For most of the partners, the overall objective of this first forum was to present the RIS3 Champions and the DIH associated to the DIH’s Network. This first F3 Forum enable the Network to build trust through pitches, networking sessions... and exchange on everyone owns activities. It also represented a great opportunity to discuss about T&M and T&C Actions and raise awareness on new topics such as GreenTech. As a third point, these forums tried to understand the needs of the general ecosystem and more precisely of the RIS3 Champions. Through presentations and other activities introduced below, Partners were able to gather information and exchange on Market and Technological Trends and therefore analyze the impact of S3HubSinCE implementation especially on RIS3.

Evidence regarding these findings can be found below in the table and thanks to the photographs taken during the events.

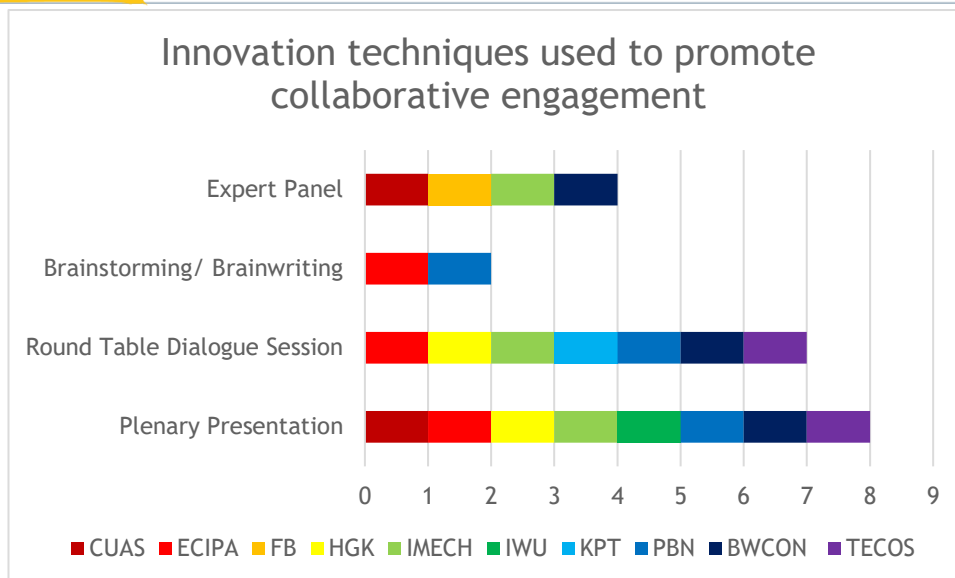


Figure 6 - Innovation techniques used to promote collaborative engagement
(Source: Author generated, S3HubSinCE, 2021)

S3HubsinCE

Name of the partner	DIH Network	List RIS3 Champions who attended and presented	List RIS3 Policy-Influencing stakeholders attending
BWCON	Digi Hub Süd Baden	(1) Thomas Scheuerle (Baden Campus)	(1) Manuel Meier (Black Forest Business Angels) (2) Marc König (bwcon) (3) Lara Trikha (bwcon) (4) Maria Bieber (DigiHub SüdBaden) (5) Peter Greiner (Greiner AG) (6) Michael Sernatinger (Startup) (7) Alexander Fuchs (bwcon) (8) Florian Weber (Baden Campus) (9) Christian Mittermaier(Constellar) (10) Christian Knoblauch (Recyda) (11) Csaba Singer (Hybrid Airplane) (12) Carsten Günther (Codify) (13) Laura Metzger (Baden Campus) (14) G,H (Baden Campus) (15) Hybrid Airplane 2
CUAS	DIH Süd	Elvira Kropfitch (BITMOVIN) Timo Springer (Springer Maschinenfabrik) Mario Rodler (WILD Hi Precision)	Andreas Starzacher (KWF) Lara Trikha (BWCON) Marcus Hoffmann (FB) Nicole Zemylak (FB) Renata Papce (HGK) Bozica Santek (HGK) Sarah Hedden (MCR)



ECIPA	Ecipa Nordest Hub network	Presented by Ecipa Nordest Hub without attending: Bluewind, Fondazione Unismart, 42bit, NSB, IMPROVENET Presented by Ecipa Nordest Hub, didn't attend and were not selected: Luxardo Spa, Parco Scientifico Galileo, Università di Padova, Università di Venezia, Business Research SRL, FabLab Castelfranco BUT Preparation work made with all of them!	Regione Veneto Veneto Innovazione Unioncamere del Veneto CNA Veneto
FB	DIH-Ost	Wirtschaftsagentur Burgenland	Local government (Land Burgenland) Research Burgenland Chamber of Commerce Business Agency
HGK		(1) Luka Predragović (Work-ing d.o.o.) (2) Kristina Detelj (FOI) (3) Anja Radošević (Work-ing d.o.o.)	(1) Renata Papec (HGK) (2) Bozica Santek (HGK)
IMECH	AFIL	(1) AI Sent S.r.L (2) Joiint Lab, applied robotics research centre (3) V-tech, R&D department of Valtellina S.p.A	(1) Regione Lombardia (2) European Commision (3) World Manufacturing Forum (4) Servizi Confindustria Bergamo (5) Confindustria Bergamo (6) Confindustria Marche Nord (7) AFIL (8) Digital Innovation (9) Friuli Innovazione (10) Cluster COMET (11) ITG Salzburg (12) Pannon Business Network Association (13) Hamag-Bicro (14) Platform Industrie 4.0



IWU	Innosax, DIH innosax could not attend personally but was represented by IWU colleagues and awareness for its offers raised.	(1) Schick Tanz GmbH (2) Smart3 materials, solutions, growth (3) Fraunhofer IWU	The representative of futureSAX, a regional policy institution, could not attend the F3 Forum 1 but was addressed in a bilateral meeting afterwards on 25.01.2021 talking about event participations and the RIS champion selection.
KPT	Hub4industry	Werner Kenkel	Representatives of Municipality of: Chrzanów Trzebinia Libiąż Nowe Brzesko Andrychów Szczurowa Oświęcim Nowy Targ Krosno Nowy Sącz Marshal Office Skawina Tomice Kraków Zakliczyn Lisia Góra Szczucin Malopolska Regional development Agency Babice Iwanowice Myślenice Niepołomice Wadowice Michałowice Proszowice Limanowa Przeciszów Stary Sącz Jerzmanowice Przegonia



PBN	am-LAB (PBN's DIH)	<p>Attended:</p> <ul style="list-style-type: none"> - am-LAB (selected RIS3 Champion) - FALCO Furniture Cluster (selected RIS3 Champion) - Eötvös Loránd University (RIS3 Champion on the shortlist, but not selected) - Apart from the RIS3 Champions, University of Pécs, Corvinus University of Budapest took part <p>Contributed without attending:</p> <ul style="list-style-type: none"> - The other 3 finalised RIS3 Champions 	Representatives of Municipality of Szombathely
TECOS	DIH Slovenia, SRIP FOF	<ul style="list-style-type: none"> (1) TECOS (2) IJS (3) INEA (4) UNI LJ, Faculty of mechanical engineering 	<ul style="list-style-type: none"> (1) Ministry of public affairs (2) Ministry of spatial planning (3) Government office for regional and cohesion policy (4) Ministry of education, science and sports (5) Ministry of economic development and technology (6) SPIRIT public agency (7) Public research agency Slovenia (8) Ministry of culture

Table 6 - Attendance from RIS3 Champions and Policy-Influencing Stakeholders - 1st F3 Forum (Source: Author generated, S3HubSinCE, 2021)

For instance, Fraunhofer IWU organized its first F3 as followed:

1 S3HubsinCE	14:00 - 14:10 Uhr
Inhalt & RIS3 Champions	
2 Status Quo	14:10 - 14:25 Uhr
3 Smart³ Aktivitäten	14:25 - 14:40 Uhr
4 Projekte und Kooperationspotential	14:40 - 15:00 Uhr
5 Möglichkeiten zur transnationalen Vernetzung	15:00 - 15:15 Uhr
6 Networking	15:15 - 15:30 Uhr



Figure 7 - Programme from IWU - 1st F3 Forum (Source: IWU, S3HubSinCE, 2021)

And the RIS3 Champions presented were:



Figure 8 - Presentation of the RIS3 Champions from IWU, 1st F3 Forum (Source: IWU, S3HubSinCE, 2021)

Another example from KPT which organized its first F3 Forum according to the following program:



Program:

11.00 Powitanie, Dorota Skotnicka, wiceprezes zarządu KPT,
Łukasz Słoniowski, wiceprezes zarządu KPT

11.05 Prezentacja trendów ekonomicznych, Wojciech Przybylski, prezes zarządu KPT

11.15 Poznajmy się – rozmowa z przedstawicielami firm i regionów,
Justyna Czyszek i Łukasz Blacha, dział obsługi inwestora KPT

12.00 Działania KPT dla i z przemysłem, Bartosz Józefowski,
wicedyrektor ds. przemysłu 4.0, KPT

12.10 Co dalej – prezentacja planów 2021, Krystyna Sadowska, dyrektor działu
obsługi inwestora KPT; Mariola Kocon, dyrektor działu prawnego KPT

12.20 Zakończenie

Figure 9 - Programme from KPT - 1st F3 Forum (Source: KPT, S3HubSinCE, 2021)

This Forum was broadcasted on Youtube and as we can see on the following picture, the DIH associated (Hub4Industry) was introduced.




Poznajmy się w Polskiej Strefie Inwestycji

Aby zamknąć pełny ekran, naciśnij Esc

Y SIĘ W PULSKIEJ S

DIGITAL INNOVATION HUB




hub⁴industry

www.hub4industry.pl

Bartosz Józefowski
Krakowski Park Technologiczny

NA ŻYWO

Y SIĘ W PULSKIEJ S

W DZIAŁANIACH MIĘDZYNARODOWYCH WSPIERAMY:

- wymianę wiedzy i dobrych praktyk pomiędzy firmami i regionami
- pilotaże i wizyty studyjne
- międzynarodową platformę wymiany wiedzy
- międzynarodowe fora inwestycyjne
- matchmaking i networking



Bartosz Józefowski
Krakowski Park Technologiczny

Figure 10 - Presentation of Hub4Industry from KPT - 1st F3 Forum (Source: KPT, S3HubSinCE, 2021)

Some of the events were able to be produced physically such as BWCON:

AGENDA

22.06.2021 Baden Campus

TIME	SPEAKER	TOPIC
12:30- 12:45	Thomas Scheuerle	Welcome & Baden Campus Introduction
12:45 - 13:15	Lara Trikha, bwcon	Introduction S3hubs, Regional Champions & Digihub SüdBaden
13:15 - 13:40	Startups from Baden Württemberg	Startup pitches
13:40 - 14:00	Manuel Meier (Black Forest Business Angels) Thomas Scheuerle (Baden Campus) Marc König (bwcon) Peter Greiner (Business Angel) Michael Sernatinger (Startup)	Moderated Discussion regarding Startups and Investors in the Region
14:00 - Open End	Reflections & Networking	

Figure 11 - Programme from BWCON - 1st F3 Forum (Source: BWCON, S3HubSinCE, 2021)



Figure 12 - Physical events from BWCON - 1st F3 Forum Source: BWCON, S3HubSinCE, 2021)



And HGK:



Figure 13 - Physical events from HGK - 1st F3 Forum Source: HGK, S3HubSinCE, 2021)



4.1.2.2. Key Actions presented

The key Actions presented were sorted out in a few categories according to what was pulled out from the templates filled in by the partners:

- Exchange Knowledge and Best Practices
- Implement Study Visits
- Introduce RIS3 Champions

An example from ECIPA:



Figure 14 - Introduction of the RIS3 Champions from ECIPA (Source: ECIPA S3HubSinCE, 2021)

And from FB where one slide per RIS3 Champion was enabling them to be introduced and presented to the full network:



RIS3 Champions

Güssing Energy Technologies GmbH

Kategorie: **Forschungsinstitution**



- Grundlagen- und Auftragsforschung im Bereich der Nutzung erneuerbarer Energieträger.
- Entwicklung von innovativen Systemkombinationen, sowie neuer Prozesse und Verfahren.

Entwicklung innovativer Produkte & Dienstleistungen in der Region.

Beteiligung an Forschungsprojekten im Bereich der Innovation & Digitalisierung.

Kompetenzzentrum für öffentliche Entscheidungsträger, speziell im Südburgenland.

Beteiligung an der Gestaltung und Entwicklung der Infrastruktur im Bereich der Digitalisierung.

Figure 15 - Introduction of the RIS3 Champions from FB (Source: FB, S3HubSinCE, 2021)

- Understand needs and recommendations from the DIHs Network

An example from CUAS:

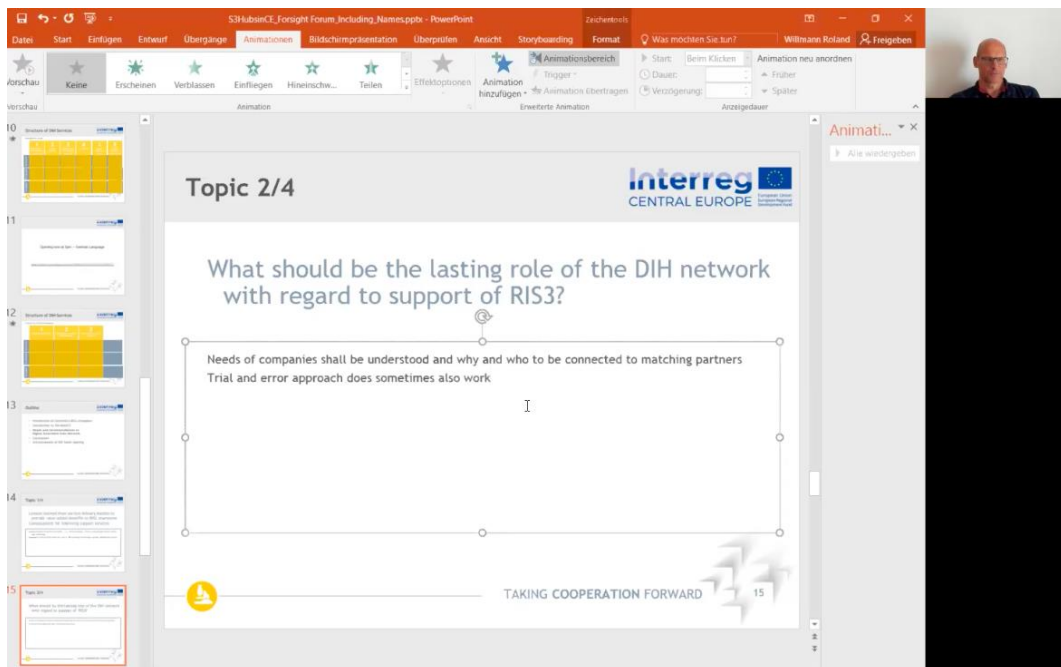



Figure 16 - Discussion with the DIH Network from CUAS (Source: CUAS, S3HubSinCE, 2021)

And presentation of the associated DIH such as in the presentation from FB:



Cooperation 

DIHOST
DIGITAL INNOVATION HUB



Digital Innovation Hub OST

Digitale Transformation für KMUs in Österreich

Das von der FFG und den Bundesländern Niederösterreich und dem Burgenland geförderte DIHOST-Projekt bietet drei Jahre lang ein umfassendes Dienstleistungsprogramm an, um die Transformationsfähigkeit und Transformationsgeschwindigkeit der Klein- und Mittelbetriebe in Ostösterreich in Richtung digitaler Innovationen zu steigern.





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Figure 17 - Presentation of an associated DIH from FB (Source: FB, S3HubSinCE, 2021)

- Definition and Planification of Transfer & Mobility Actions (T&M) and Transfer & Cooperation (T&C) Actions

An example from FB:

Workshops





Anwendungsbeispiele	Application examples of digital Marketing in Burgenland
11:00 – 11:20	Thomas Kreamer & Nicole Zemlyak, Forschung Burgenland (AT)
11:20 – 11:40	Best Practices for Industrial IOT, Holger Kunze, Fraunhofer Institute IWS (GER)
11:40 – 12:00	Artificial Intelligence, Valerio Presenti, Consorzio Intellimech (IT)
12:00 – 12:20	Methodologies for Roadmaps for Artificial Intelligence & Circular Economy, APL - Associazione Fabbrica Intelligente Lombardia (IT)
12:20 – 12:40	Additive Manufacturing and Circular Economy, Roland Willmann und Jörg Kastelic, FH Kärnten (AT)

- ENOVA 2020
 - 26th /27th Nov.
 - Online Event
 - Session zum Thema Digitalisierung
 - DIH Exchange WS
 - Study Tour - Virtueller Rundgang FH Pinkafeld



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Figure 18 - Planification of the Mobility Action from FB Source: FB, S3HubSinCE, 2021)



- Raise awareness on specific topics: Circular Economy, Artificial Intelligence, Industrial Internet of Things...

An example from FB:

Transfer & Cooperation Actions

Circular Economy

- From basic tools and applications towards digitally enabled circular economy innovation
- Regions: Burgenland, Slovenia, Croatia, Carinthia; Baden-Wurttemberg, Saxony, Veneto, Lombardy;
- Regions outside CE: Switzerland, Auvergne-Rhône-Alpes.
- The main goal is (1) to monitor projects for appropriate use cases (2) to connect experts for establishing innovation eco systems, (3) to arrange and establish a Trend & Innovation Lab and develop future flagship projects.

INNOVATION IN CIRCULAR ECONOMY

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Figure 19 - Introduction of the topic of Circular Economy in T&C Actions from FB
Source: FB, S3HubSinCE, 2021)

- Identify trainings demo centres needs

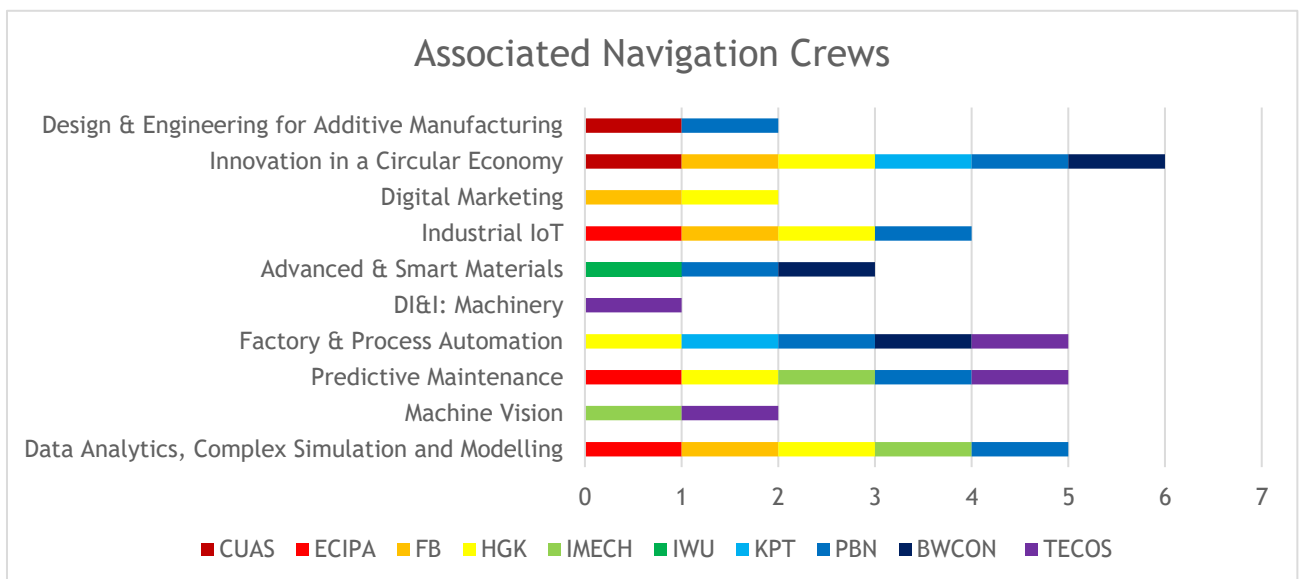


Figure 20 - First F3 Associated Navigation Crews (Source: Author generated, S3HubSinCE, 2021)



4.2. Second F3 Forum

The 2nd Forum provided a deeper analysis, focusing on RIS3 actions. During this workshop, the Partner was asked to develop a facilitated dialogue with their DIH network, and thereby were asked to jointly review the success of the actions within the CERIS3 Excellence Model that each Partner was implementing as part of their Digital Innovation Hub Pilot Programme. 10 Mobility Actions were implemented (1 per partners) and 34 Transfer & Cooperation Actions were created by the partners. Mobility Actions covered different thematic in Industry 4.0 such as digitalization, process automation, smart material... during an event whereas Transfer & Cooperation Actions referred to long-term projects deployed to foster cooperation towards RIS3 implementation. Moreover, RIS3 Champions were asked to reflect upon the value which was created through the network and whether these structures were effective at addressing their needs to foster their competitive advantage.

Name of the partner	Date of the event
BWCON	29/07/2021
CUAS	12/10/2021
ECIPA	22/06/2021
FB	27/09/2021 - 15/10/2021
HGK	15/10/2021
IMECH	16/09/2021
IWU	07/09/2021
KPT	23/09/2021
PBN	09/07/2021
TECOS	07/10/2021

Table 7 - Date of the 2nd F3 Forums (Source: Author generated, S3HubSinCE, 2021)



4.2.1. Attendance

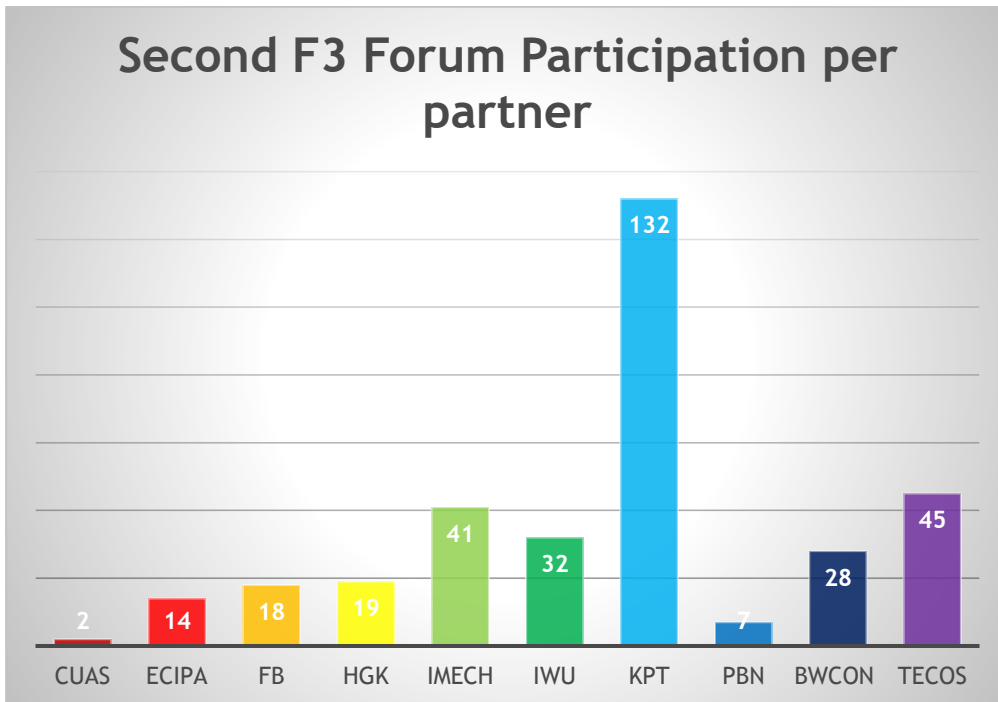


Figure 21 - 2nd F3 Forum Participants per partner (Source: Author generated, S3HubSinCE, 2021)

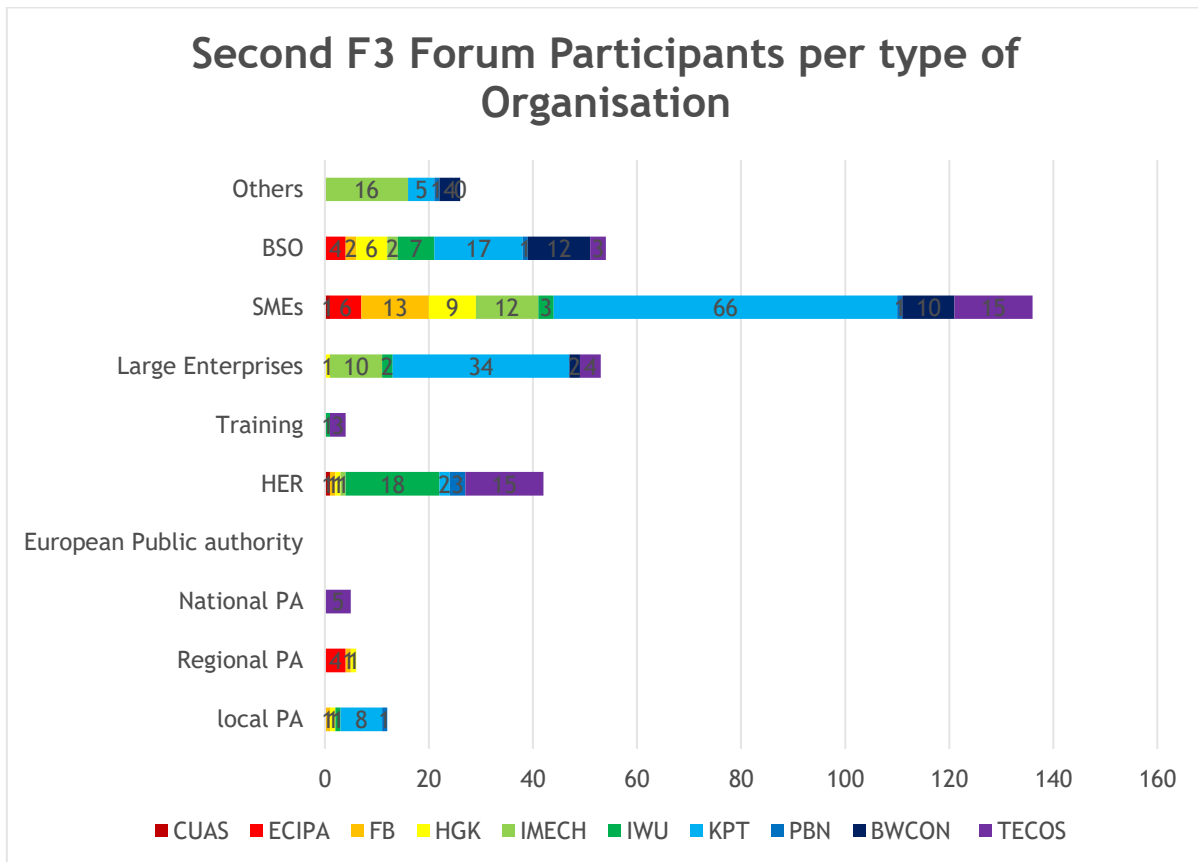


Figure 22 - 2nd F3 Forum participant per type of Organization (Source: Author generated, S3HubSinCE, 2021)



Local PA	Regional PA	National PA	European PA	HER	Training	Large Enterprise	SME	BSO	Other	Total
12	6	5	0	42	4	53	136	54	26	338

Table 8 - 2nd F3 Forum participants per type of organisation (Source: Author generated, S3HubSinCE, 2021)

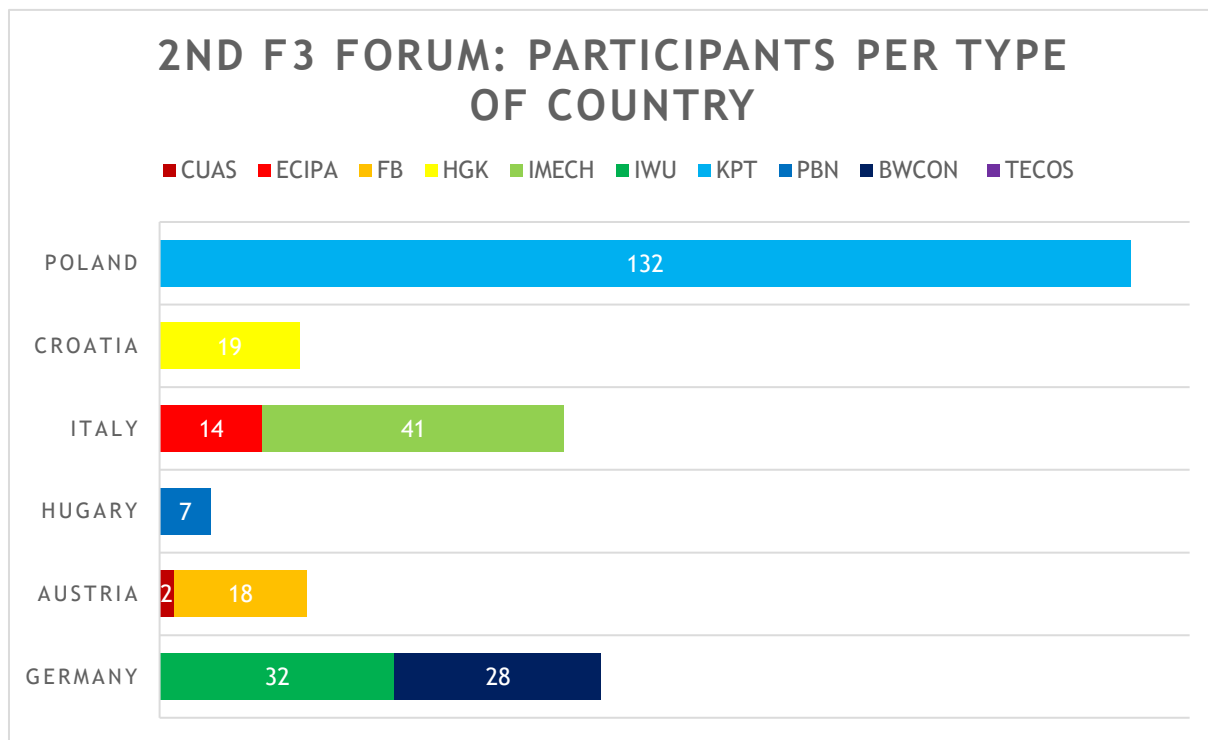


Figure 23 - 2nd F3 Forum: Participants per type of Country Source: Author generated, S3HubSinCE, 2021)

*This graphs misses the information from TECOS

4.2.2. Objective and Key Actions introduced

4.2.2.1. Objective of the event

The second F3 Forum was mainly aimed at providing an update on ongoing activities including on T&M and T&C Actions. This second F3 was aimed for the RIS3 Champions to connect them with other stakeholders. Inviting Policy-influencing stakeholders to the second F3 Forum was crucial as one of the objectives was to ensure policymakers' involvement in future actions and to make sure that projects developed are aligned to regional strategies. Therefore, insights on how to prepare and submit new projects were provided and awareness on funding was raised.

The second main objective of these second forums was to develop appropriate DIHs services. Therefore, these forums highlighted the needs and recommendations from DIHs Networks and presented current offers available in running DIHs. In this objective, these forums tried to identify challenges that companies are facing especially in the field of Industry 4.0.

Finally, during some of the forums, coaching sessions were organised to facilitate transfer of knowledge between large companies and SMEs & Start-ups. The main objective lies therefore in raising awareness on the potential of digital transformation.



Evidence regarding this findings can be found below in the table and thanks to the photographs taken during the events.

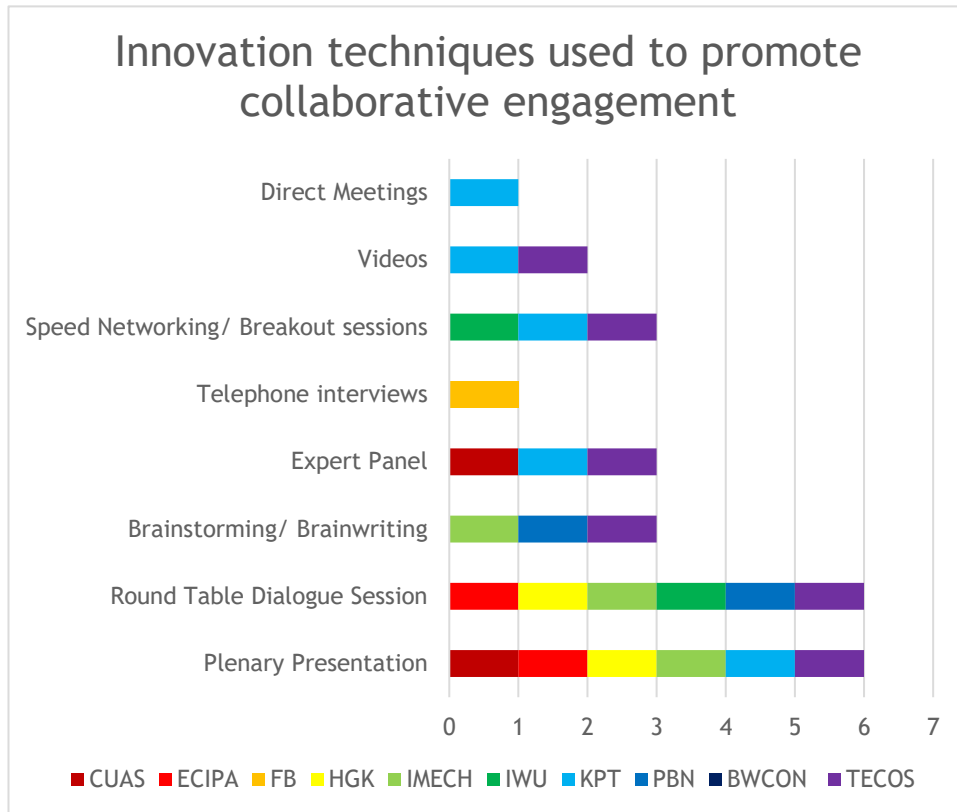


Figure 24 - 2nd F3 - Innovation techniques used to promote collaborative engagement (Source: Author generated, S3HubSinCE, 2021)

S3HubsinCE

Name of the partner	DIH Network	List RIS3 Champions who attended and presented	List RIS3 Policy-Influencing stakeholders attending
BWCON	Digi Hub Süd Baden	(1) Thomas Scheuerle (Baden Campus)	(1) Melisa Ozkan Bwcon Gmbh (2) Timothy Earnshaw Bwcon GmbH (3) Sanya Zillich Shoe Fitter (4) Tobias Pfrommer Shoe Fitter (5) Patrick Fiur Shoe Fitter (6) Rohit Choudhary Shoe Fitter (7) Patrick Braun Shoe Fitter (8) Timo Vormweg I-flow (9) Daniel Goldeband I-flow (10) Christoph Sauerborn I-flow (11) Klaus G. H8SW (12) Andreas Stadie Bwcon GmbH = (13) Michael Fraede Weiss GmbH (14) Dr. Hans Zebner Pfizer (15) Peter Neske Pfizer (16) Maik Cwielong Bwcon GmbH (17) Dr. Kaustubh Banerjee Phaseform (18) Moritz Schreyer Akkurent (19) Jörg Domaschka BenchANT (20) Daniel Seybold BenchANT (21) Christoph Gielisch Detagto (22) Benedikt Wigger Detagto (23) Harald Fuchs HF-Business (24) Philip Ruf Polytalon (25) Adrian Flaig Polytalon (26) Stefan Weber Phaseform (27) Stefan Scheuermann Fast Forward Discoveries (28) Björn Browatzki Eye2you (29) Daria Weichand Eye2you



			(30) Philipp Lies Eye2you (31) Rolf Beck Beck-ES (32) Georg Hänsel Coach
CUAS	DIH Süd	(1) Josef Ortner (Ortner Reinraumtechnik) – SME, Austria	(1) Jörg Kastelic (CUAS), Higher education and research, Austria
ECIPA	Ecipa Nordest Hub network	(1) Ecipa Nordest Hub (2) Bluewind (3) Fondazione Unismart (4) 42bit (5) NSB (6) IMPROVENET	(1) Regione Veneto (2) Veneto Innovazione (3) Unioncamere del Veneto (4) CNA Veneto
FB	DIH-Ost DIH-Süd	(1) Business Agency (Wirtschaftsagentur Burgenland) (2) MAM Babyartikel (3) Z+H Weber GmbH (4) BECOM Electronics GmbH (5) Stahlbau Unger (6) Austrotherm (7) HERO Holzbau GmbH (8) Pauschenwein Creatives Wohnen GmbH (9) Seal Maker Produktions- und Vertriebs GmbH (10) Trafomodern - Transformatorengesellschaft m.b.H. (11) Katzbeck (12) Schloffer (13) Alu Sommer (14) KARNER HAUSTECHNIK GMBH HEIZUNG BAD SOLAR (15) SOLAVOLTA Energie- und Umwelttechnik GmbH	(1) Local government (Land Burgenland) (2) Research Burgenland (3) Chamber of Commerce (4) Business Agency (5) Regionalmanagement Burgenland



HGK	DIH Connect Varaždin	(1) Xalax d.o.o.	(1) Dragutin Gložinić (HGK) (2) Nikola Turčin (City of Ivanec) (3) Doroteja Solomun (TZ City of Varaždin) (4) Maja Gotal (Uni Sjever) (5) Renata Papec (HGK) (6) Bozica Šantek (HGK) (7) Ksenija Mikšaj (HGK) (8) Snježana Štiber (HGK)
IMECH	AFIL	(1) V-tech, R&D department of Valtellina S.p.A (2) Miraitek (3) JOiINT Lab	(4) Confindustria Bergamo (5) AFIL
IWU	Especially representatives of the smart3 network were present who have a high share in connecting the smart materials actors, Innosax	(1) Fraunhofer IWU (2) Smart3 materials, solutions, growth (3) (Digalog. There was a similar event one day after in Berlin where it was easier to attend for Martin Weber from Digalog company.)	The representative of futureSAX, a regional policy institution, attended the F3 Forum 2. futureSAX is a direct organ of the Saxon State Ministry of Economic Affairs, Labour and Transport.
KPT	Hub4industry	Astor	(1) Local public authority: City of Tarnów, Municipality of Krzeszowice, Municipality of Bobowa, City of Trzebinia, Municipality of Zator, (2) Regional authority: Marshal Office of Malopolska Region (3) Regional agency: Małopolska Regional Development Agency
PBN	am-LAB (PBN's DIH)	(1) am-LAB (selected RIS3 Champion) (2) Scientific Association for Mechanical Engineering (selected RIS 3 Champion) (3) Óbuda University (selected RIS3 Champion)	(1) Representative of Municipality of Szombathely



		(4) Chamber of Commerce and Industry of Vas County (RIS3 Champion on the shortlist, but not selected) NB: Apart from the RIS3 Champions mentioned above, the representative of University of Pécs, and a local SME (Alpok-Tech) also took part on the meeting	
TECOS	DIH SLOVENIA, SRIP Smart materials	(1) TECOS (2) IJS	(1) Government office for regional and cohesion policy (2) Ministry of education, science and sports (3) Ministry of economic development and technology (4) Public research agency Slovenia

Table 8 - Attendance from RIS3 Champions and Policy-Influencing Stakeholders - 2nd F3 Forum (Source: Author generated, S3HubSinCE, 2021)

For instance, IMECH organized its 2nd F3 Forum according to the following program:

Agenda F3 Forum 2




INTELLIMECH®
CONSORZIO PER LA MECCATRONICA



Reflection's workshop

Review of the success of the actions within the CERIS3 Excellence Model and discussion on trends and future needs for Big Data and Data Analytics applications.

 Centro delle Professioni- Kilometro Rosso
via Stezzano, 87, 24126 Bergamo
16th September 14:30 - 17:00

Time	Topic
14:30-14:45	Reception of attendees
14:45-15:00	Introduction to S3HubsinCE project
15:00-15:15	Presentation of navigation crews and their strategies
15:15-15:30	Introductions to WPT3 operations and scopes
15:30-16:30	Discussion group focused on Big Data and Data Analytics
16:30-17:00	Coffee break



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Figure 25 - Programme from IMECH - 2nd F3 Forum (Source: IMECH, S3HubSinCE, 2021)

And was able to organize its event as a physical event:



Figure 26 - Physical events hold by IMECH - 2nd F3 Forum (Source: IMECH, S3HubSinCE, 2021)

IWU was also able to organize an event physically:



Figure 27 - Physical Forum hold by IWU - 2nd F3 Forum (Source: IWU S3HubSinCE, 2021)

And provided insights on how to foster future cooperation:

Was bleibt

Neue Kooperationen

- Erschließen neuer Kooperationen/Märkte
 - Möbelindustrie (Deutsche Werkstätten Hellerau, Agentur Trendfilter)
 - Ansprache neuer Projektpartner (Deutsche Bahn Zug der Zukunft, Volkswagen Kooperationsprojekte)
 - Internationalisierung über Interreg-Projekte
- Bildung fester Forschungspartnerschaften entlang horizontaler & vertikaler Wertketten
 - Vernetzung Forschung und KMU
 - Etablierung nachhaltiger Kultur der Zusammenarbeit
- Ausbau der Einsatzmöglichkeiten von smart materials
 - Branchenerweiterung
 - Überführung bislang unbeachteter Materialeigenschaften in Forschungsgegenstände (vorantreiben FGL-Sensorik)

smart³ materials solutions growth



Figure 28 - Fostering future cooperation from IWU (Source: IWU, S3HubSinCE, 2021)

Finally, PBN organized coaching sessions to facilitate transfer of knowledge between large companies and SMEs & Start-ups.

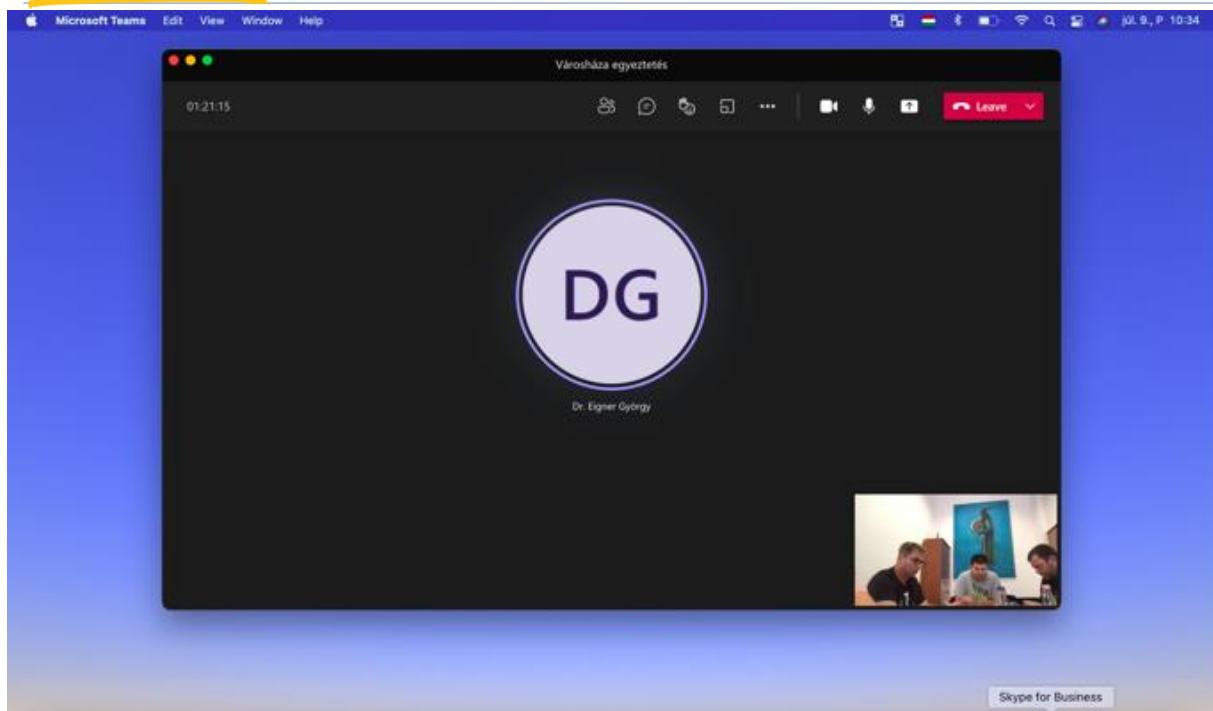


Figure 29 - Coaching sessions from PBN (Source: PBN, S3HubSinCE, 2021)

4.2.2.2. Key Actions presented

The key Actions presented were sorted out in a few categories according to what was pulled out from the templates filled in by the partners:

- The first objective was to provide an overview on T&M and T&C Actions

An example from ECIPA:

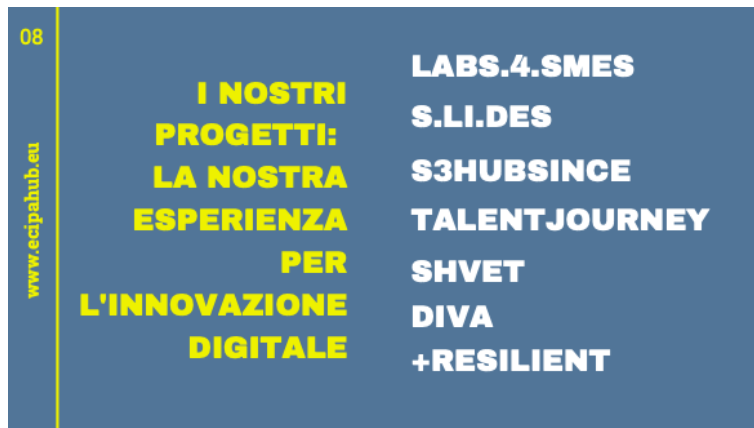


Figure 30 - Overview of the T&C Actions from ECIPA (Source: ECIPA, S3HubSinCE, 2021)

- DIHs Construction and Definition

An example from ECIPA:



Figure 31 - DIH Objective from ECIPA (Source: ECIPA, S3HubSinCE, 2021)



- Building a portfolio of common best practices

An example can be observed from the program from PBN:



Smart Hy Aware: "4th Regional Stakeholder Workshop"

S3HubsinCE: "Foundation for Future Foresight Forum"

9th July 2021.

10:00-12:00

Szombathely

09:45-10:00	Arrival of the participants
10:00-10:15	Welcome speech, objective of the meeting: PBN
10:15-10:45	Discussion of the SMART-HY-AWARE project- Objectives, Plans, Results, Good Practices-PBN
10:45-11:00	Q/A of the Smart-HY-Aware project, next steps
11:00-11:05	Break
11:05-11:30	S3HubsinCE project: Foundation for Future Foresight -Forum 2-PBN
11:30-11:50	Q/A of the S3HubsinCE project, next steps
11:50-12:00	Feedbacks of participants, defining next steps, cooperation opportunities

Figure 32 - Programme from PBN - 2nd F3 Forum (Source: PBN, S3HubSinCE, 2021)

- Introducing new topics such as Circular Economy
- Highlighting RIS3 Champions needs and interests
- Fostering Digitalization and raising awareness on potential of Digital Transformation especially for SMEs

An example from IMECH:



Agenda F3 Forum 2



Reflection's workshop

Review of the success of the actions within the CERIS3 Excellence Model and discussion on trends and future needs for Big Data and Data Analytics applications.

Centro delle Professioni- Kilometro Rosso
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Figure 33 - Programme from IMECH - 2nd F3 Forum (Source: IMECH, S3HubSinCE, 2021)

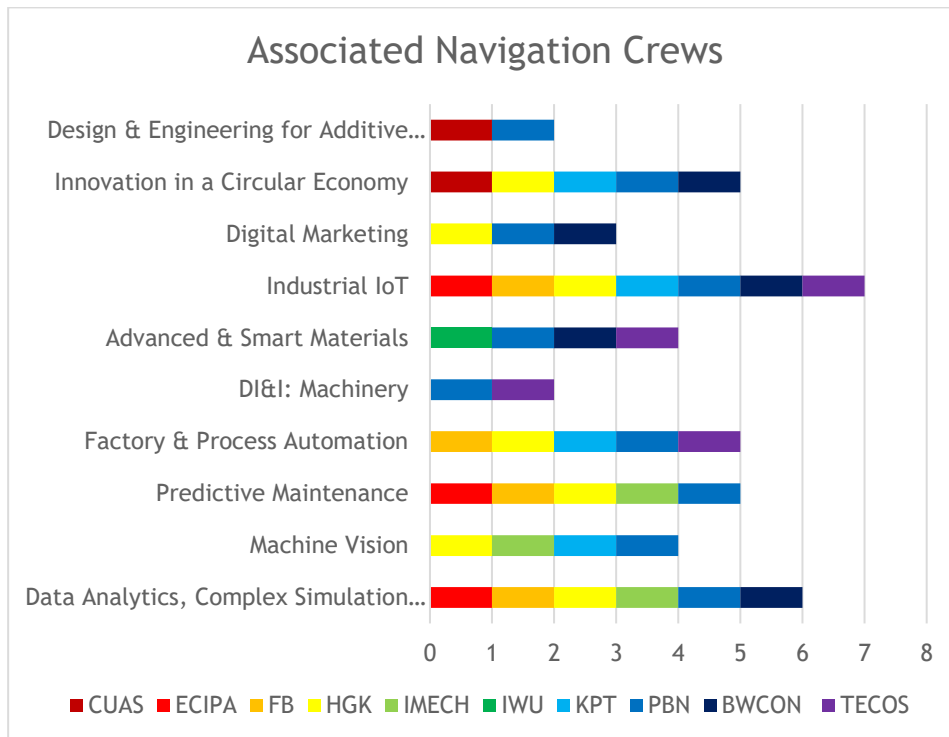


Figure 34 - 2nd F3 Associated Navigation Crews (Source: Author generated, S3HubSinCE, 2021)

5. Lessons Learnt & Discussion

As overlaps were observed between what was learned from the 1st F3 Forums and the 2nd F3 Forums, it seems valuable to treat them together in this following section. This section provides therefore an overview of the lessons learned from different types of stakeholders



and highlight the remaining role that DIH Network should embody to foster cooperation and future actions.

5.1. Lessons Learned

5.1.1. From DIH Management

First, it was acknowledged that this type of events should be held on a regular basis to ensure great connectivity between all type of stakeholders and raise awareness on DIHs offers. Events such as F3 Forums should be fostered to identify the best practices including effective tools and methodologies. It should also identify challenges and priorities and tries to provide answers. It also provides visibility and knowledge about funding opportunities for RIS3 Champions, two critical criteria for them towards success. Also, this type of event enables DIH to better define market needs and therefore their services. It was found out that DIHs should be specialized and integrated in a network of transregional? DIHs and experts. Moreover, DIHs should learn from each other especially on digital assessment tools before developing their own DIH. Therefore, they should answer markets needs and pay greater attention on developing beyond research topics. It is crucial that DIH fit with regional ecosystem and remain connected to RIS3 while offering services towards business needs. Therefore, a need to analyse how to connect more the DIHs and regions has been mentioned. Finally, thoughts about DIHs management were noted, with, for example, one partner reporting on the necessity to keep DIHs management teams small to facilitate decision-making.

Fostering connections between DIHs and RIS3 seems therefore to be a priority. It is done by understanding the regions' needs especially in the digitalization sector and defining DIHs role according to these needs. Therefore, DIHs should be included in RIS3 definition and implementation. Their services should then be aligned to business needs and not only on research topics. DIHs should therefore support businesses and especially promising start ups by sharing best practices and enhancing knowledge & technology transfer. In this objective, one final statement raised by one partner reported that RIS3 Champions are willing to pay for qualitative services and therefore it is very important for DIHs to develop appropriate offers.

5.1.2. From service delivery models

5.1.2.1. Understand the Needs

To provide value-added benefits to RIS3 Champions, it seems very important that RIS3 Champions represent different types of stakeholders and not only SMEs. Then, the RIS3 Champions need mostly to have more visibility on the market and therefore to have access to service providers. Therefore, creating events such as this first F3 Forum enable them not only to express their needs but also to increase their understanding of the ecosystem. It even enables them to acknowledge and see the potential of new topics such as Circular Economy, Green Tech, AI. Knowledge transfer should thus be fostered through diverse formats events such as Webinars, Workshops and Study Visits.



5.1.2.2. Insights for future actions

Then DIHs should provide not only Business Support but also Technical Support which means helping RIS3 Champions and other Businesses with community building, strategy development, ecosystem mapping, project development, lobbying, searching for appropriate partners, access to finance, developing skills through trainings. The overall objective is to create a common/ aligned portfolio of services between DIHs before integrating cooperative companies or RIS3 Champions. DIHs also have a role in the definition and implementation of RIS3 and therefore should understand regional/ policy needs as much as the main interests and needs for companies which lies in building a strong Innovation and Technology Network.

According to FB, a large amount of data must be collected or created on the entire value chain which means on all the stakeholders to create a common understanding of the ecosystem. In this objective, DIHs should invest in human resources to foster contacting all the regional and even transnational stakeholders. According to PBN, “Creating a common/ aligned services portfolio can increase impact and competitiveness”.

Finally, from KPT, we were able to identify the need to continue the activities undertook by connected DIHs to provide more added value benefits for RIS3 champions. The activities should include:

- tailored off line trainings addressed to individual companies or clustered companies
- off line open Academy of Industry 4.0
- more study visits
- introducing ADMA methodologies and digital transformation plan in companies
- creating a dedicated position in the company to be responsible for digital transformation as one contact point, well-structured in the company to share the know-how, best practices and manage the transformation process, define the priorities (jointly with the Board or Owner
- Developing more joint projects.

This definition can also be completed by inputs from BWCON:

- Business Acceleration programs,
- Focus on Circular Economy and Green Tech
- More visibility and access to funding for additional RIS3 Stakeholders

5.1.3. Lasting role of the DIH Network

To support RIS3 Implementation and Thematic priority area service provision, DIHs network should first foster Digitalization through events aimed at sharing Best Practices. Using DIHNET.EU has also been mentioned as a good way to raise awareness on the potential of building a strong network of DIHs. The main role of the DIH networks is to try to understand



and respond to business needs. It means concretely to help companies improving their processes, products and services. It is therefore crucial to align Research and Business Needs and Interests.

In this objective, a few concrete actions have been identified which could lead to a stronger, lasting role of the DIH network in supporting RIS3 development:

- Create a database of demo cases, ideas, and concept to foster future actions, coordinate submission activities and facilitate access to good practices
- Identify weaknesses and gaps to ensure proper strategy and measures are developed.
- Interact with all types of stakeholders including local stakeholders to make sure all the needs and interests are considered
- Take part in the definition and implementation of the RIS3
- Connect the right stakeholders around specific topics such as AI, Smart Materials, Circular Economy, and other topics.
- Establish synergies to foster service provision catalogues

DIH Network should help companies to improve their processes, products, or services through the use of digital technologies. Therefore, DIHs should develop services according to market needs and especially targeted to SMEs. In this objective, it will be very valuable to develop testing infrastructure to lower the risks SMEs face when implementing such changes. The DIH network should also foster the gathering of good practices, demo cases, concepts, and ideas to be used for the definition and the implementation of future actions.

It is also very important that the full DIH Network is well connected to RIS3 and even implicated in the definition and implementation of the RIS3. Moreover, DIHs should be connected to each other to develop synergies and enhance the creation or improve the quality-of-service provision catalogues. DIH should therefore ensure knowledge exchange and transfer between all type of stakeholders and therefore be a bridge between all of them.

Finally, DIHs Network should not only raise awareness on digitalization but also on new trends such as Circular Economy as it is very important that the ecosystem is regularly acknowledged and therefore services offered by DIHs are oriented on market needs.

5.1.4. Other important Outcomes towards future actions

This final subsection provides insights on the type of future actions that could be developed to increase competitiveness of the Central Europe territory.

- Create follow ups actions to S3HubsinCE, and include RIS3 Champions
- Raise awareness on Regional Networks
- Improve shared service portfolio
- Foster the definition and implementation of common strategies
- Identify Best Practices to foster digitalization and other topics such as AI, Circular Economy, etc.



S3HubsinCE

- Implement regular meetings and touchpoints to foster trust and understanding
- Use RIS3 Champions to develop services according to RIS3
- Define common strategies to ensure sustainability in cooperation
- Create guidelines for companies on innovation trends
- Implement physical events to build trust
- Implement trainings to foster digital transformation for companies and hinder skills gaps in digitalization
- Develop testing facilities
- Popularize Best Practices
- Foster a comprehensive policy mix including funding opportunities



6. Conclusions & Next Steps

The purpose of this document has been to provide the Partners of S3HubsinCE a summary of the results expressed following the F3 Forums. The F3 Forums were stakeholder dialogue workshops, which had the aim to increase communication and exchange on methodologies to improve regional research and innovation capacities. This report should help users understand the effectiveness of this tool as an outreach facility, and help Partners not only define the next steps but also better understand their own ecosystem and how they are related to others in the region of central and eastern Europe.

6.1. Conclusions

The F3 Forums were multi-stakeholder workshops, aimed at deepening knowledge and exchange on critical RIS3 organisations, defining market needs, designing appropriate pilot-action oriented services delivered by DIHs, and reflecting on the effectiveness of implemented pilot actions. Therefore, SMEs were mainly targeted by these events. 20 F3 Forums were delivered over a timeframe of 11/12/2020 to 15/10/2021. A total of 396 stakeholders were included in the first F3 Forums where 33 RIS3 Champions were presented, to 85 regional policy-influencing stakeholders. A total of 338 stakeholders were included in the second F3 Forum where the attendees reflected on critical pilot-actions.

These types of events should be implemented on a regular basis to foster accurate understanding between all types of stakeholders and commitment to enhance competitiveness. DIHs Network should therefore be expanded by the enhancement of best practices and data exchange. Then DIHs should develop their services according to market needs. It is crucial that all the actors and especially DIHs remain flexible and adaptable to market trends. Moreover, policymakers should involve all types of stakeholders while defining and implementing their RIS3. Therefore, common strategies should be developed and harmonization between all the existing initiatives and offers should be engaged.

Finally, not only awareness on the potential of digitalization should be raised but also on new topics such as Circular Economy and Artificial Intelligence. This awareness should be raised especially targeting SMEs. Added to this, trainings and testing facilities should be developed by DIHs to lower risks for SMEs to engage change.

6.2. Next Steps

To complement understanding of the F3 Forum outcomes, partners should refer to the deliverable D.T3.3.2 - Transnational Policy & Technology Blueprint for CE RIS3 Excellence to gain further insight on how to define and implement future actions to build a sustainable legacy to S3HubsinCE, and promote the aligned exchange and value-adding service delivery between DIH by using thematic innovation networks.

As a reader, if you are interested to participate in the definition and implementation of future actions, we would recommend you directly contact the partner you are interested to cooperate with. As recommended to the partners, every reader should refer to DT3.3.2 to get more insights on future actions.



7. Appendix

7.1. Template

This template was the template that Partners had to fill in after each of their F3 sessions which means that every partner had to fill in 2 templates.

Administrative Information	
PARTNER	Choose an item.
PARTNER'S RESPONSIBLE MANAGER FOR THE WORKSHOP	
HOSTING LOCATION OF EVENT	<input type="checkbox"/> Online If on-line, please specify which platform has been used: <input type="checkbox"/> On Site If on-site, please specify the location:
DATE OF THE EVENT	Click or tap to enter a date.
NAME OF YOUR DIH PILOT ACTION	<i>[NAME OF YOUR DIH PILOT ACTION]</i>
DIH NETWORK <i>(PROVIDE THE SHORT NAME OF YOUR DIH NETWORK WHO ATTENDED THE MEETING)</i>	
Attendee & Speaker Analysis	
LIST RIS3 CHAMPIONS WHO ATTENDED & PRESENTED AT THE MEETING	(1) (2) (3) (4) (n...)
LIST RIS3 POLICY-INFLUENCING STAKEHOLDERS WHO ATTENDED THE MEETING	(1) (2) (3)
TOTAL NUMBER OF ATTENDEES <i>(SEE CHECKLIST FOR EVIDENCE)</i>	<i>[Insert Number]</i>
AUDIENCE BY TARGET GROUP	<i>Please select to which target group did participants belong and, if possible, quantify:</i> <input type="checkbox"/> Local public authority (how many: XX) <input type="checkbox"/> Regional public authority (how many: XX) <input type="checkbox"/> National public authority (how many: XX) <input type="checkbox"/> Higher education and research (how many:) <input type="checkbox"/> Education/ Training Centre & Schools (how many: XX) <input type="checkbox"/> Large Enterprises (how many: XX) <input type="checkbox"/> SMEs (how many: XX) <input type="checkbox"/> Business Support Organizations (how many: XX)
Content Analysis	
<i>This section's goal is to provide an overview of the subject matter focus which was discussed during the Forum along with describing how this subject matter emerged through innovation engagement methodologies.</i>	
OBJECTIVE AND GOAL OF WORKSHOP	<i>[Maximum 500 Characters, in English]</i>



<p>WHAT INNOVATION TECHNIQUES WERE USED IN THE WORKSHOP TO PROMOTE COLLABORATIVE ENGAGEMENT WITH ATTENDING STAKEHOLDERS. <i>(NOTE: IT IS RECOMMENDED THAT PARTNERS USE MULTIPLE TECHNIQUES TO DELIVER HIGHLY INTERACTIVE EVENTS WHICH PROMOTE INSPIRATION AND IDEATION).</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Plenary Presentations <input type="checkbox"/> Videos <input type="checkbox"/> Expert Panel <input type="checkbox"/> Round Table Dialogue Session <input type="checkbox"/> World Cafe / Small Group Breakout Sessions <input type="checkbox"/> Speed Networking <input type="checkbox"/> Brainstorming / Brainwriting <input type="checkbox"/> 6 Thinking Hats <input type="checkbox"/> Other, please specify:
<p>LIST ACTIONS WHICH WERE DISCUSSED DURING THE MEETING</p>	<ul style="list-style-type: none"> (1) Action 1 <ul style="list-style-type: none"> a. Action Name: b. S3HubsinCE Participants: c. Other Participants: (2) Action n. <ul style="list-style-type: none"> a. Action Name: b. S3HubsinCE Participants: c. Other Participants:
<p>ASSOCIATED NAVIGATION CREWS (THE THEMATIC / SERVICE-ORIENTED TOPIC)</p>	<p><i>[Please select which Navigation Crews may benefit from the outcomes of the workshop]</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> Data Analytics, Complex Simulation and Modelling <input type="checkbox"/> Machine Vision <input type="checkbox"/> Predictive Maintenance <input type="checkbox"/> Factory & Process Automation <input type="checkbox"/> DI&I: Machinery <input type="checkbox"/> Advanced & Smart Materials <input type="checkbox"/> Industrial IoT <input type="checkbox"/> Digital Marketing <input type="checkbox"/> Innovation in a Circular Economy <input type="checkbox"/> Design & Engineering for Additive Manufacturing



<p>SUMMARY OF LESSONS LEARNT FROM DIH MANAGEMENT CONVERSATIONS AND LEARNING GAINED FROM EXCHANGE WITH OTHER DIH TEAMS</p> <p>CONSEQUENCES FOR YOUR DIH NETWORK?</p>	<p><i>[Maximum 2000 Characters, in English]</i></p>
<p>LESSONS LEARNT FROM SERVICE DELIVERY MODELS TO PROVIDE VALUE-ADDED BENEFITS TO RIS3 CHAMPIONS</p> <p>CONSEQUENCES FOR IMPROVING SUPPORT SERVICE PROVISION TO RIS3 STAKEHOLDERS</p>	<p><i>[Maximum 2000 Characters, in English]</i></p>
<p>WHAT SHOULD THE LASTING ROLE OF THE DIH NETWORK BE WITH REGARDS TO SUPPORTING RIS3 IMPLEMENTATION & THEMATIC-PRIORITY AREA SERVICE PROVISION?</p>	<p><i>[Maximum 2000 Characters, in English]</i></p>
<p>OTHER OUTCOMES & POINTS OF FOLLOW UP RELEVANT TO RIS3 OR DIH</p>	<p><i>[Maximum 2000 Characters, in English]</i></p>

Reporting Element Checklist

This section's goal is to provide a reminder checklist to all PPs as to the documents you need to upload to evidence the completion of this event. Please upload all documents in your respective folder on FILR for the specific F3 Forum.

<p>SAVE THE DATE (SENT VIA OUTLOOK & UPLOADED TO DIHNET.EU)</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>INVITATION</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>AGENDA</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>MINUTES</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>LIST OF PARTICIPANTS (WITH TARGET GROUP TYPE)</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>IF VIRTUAL, A RECORDING</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>IF VIRTUAL, A SCREENSHOT OF PARTICIPANTS</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>IF PHYSICAL, A SIGNED PARTICIPANT LIST</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>IF PHYSICAL, A GROUP PHOTO</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>

TEMPLATE END