

RIS3 ROUND TABLES 2 : TRANSNATIONAL PILOT ACTIONS ON POLICY IMPLEMENTATION

D.T3.2.3 DT3.2.3 reporting on RIS3
Round Tables 2: Transnational pilot
actions on policy implementation

Version 2.00.00
05 2022

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Document Control

Document Summary	
Project Number	CE1662
Project Title	CEUP2030
Work Package/Activity	A.T3.2 - RIS3 Round Table for CAMI4.0 in CE/EU Regions : Optimising Implementation and Capitalisation
Deliverable	D.T3.2.3 DT3.2.3 reporting on RIS3 Round Tables 2: Transnational pilot actions on policy implementation
Deliverable Responsible (if applicable)	PP / PRO
Deliverable Reviewer (If applicable)	
Deliverable Due Date	April 2022

Dissemination Level		
PU	Public	
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
April 2022	01.00.00	PRO	Base Draft Generated
June 2022	2.00.00	PRO	Final, ready for partnership review



1. Executive Summary

1.1. Project Overview

CEUP 2030 aims to generate stable innovation networks which foster better understanding on Central Europe Advanced Manufacturing and Industry 4.0 (“CAMI4.0”) topics, to generate improved knowledge resource exchange on these technologies leading to an upgraded framework for policy-making and implementation.

Ultimately CEUP 2030 creates and tests a common method to promote improved knowledge dissemination to policy-making stakeholders using a collaborative exchange framework based in physical and digital methods. These methods and the technology show-cases disseminated within these method structures are harvested from existing, high-quality innovation know-how in the CE area.

The project focuses on:

- Identifying the highest quality innovation know-how in the CE Area, on the CAMI4.0 Topics.
- Enhancing skills capabilities and knowledge of people in charge of local, regional, and (trans)national RTI Policies, associated to the CAMI4.0 Topics.
- Creating a sustainable structure for awareness raising and shared sustainable RTI knowledge resource use to enhance policy decision support.
- Anticipating and fast-tracking policy / strategy policy pilot actions to promote a joint RIS3 for CAMI4.0 Excellence in CE/EU.

1.2. Work Packages and Activities

The overall objective of WPT3 links to the project’s specific objective of anticipating and fast-tracking policy strategies focused on the sustainable and continuous development of CE/EU in order to promote aligned action on a joint S3/RIS3 for CAMI4.0 Excellence.

The challenge manifests in two sub-objectives which are:

- To generate triple-helix stakeholder driven dialogue on support mechanisms for CAMI4.0 Excellence (via the RIS3 Round Tables)
- To foster aligned cooperation processes among 30 CE/EU regions on generating support mechanism for CAMI4.0 using the CEUP 2030 Policy Framework

The specific activity which is of relevance for this document is Activity A.T3.2, which is connected to the Output / Output Indicator of the same name. This output describes the targeted regional and transnational workshops which occur in the second half of the project. The workshop structure builds on that which was delivered as part of the PLL (WPT1), along with further insights from PPs who have experience in generating forums for multi-lateral and transnational dialogue on the CAMI4.0 topics. However, instead of showcasing technology Use Cases, the workshops are:

- primarily focused around a discussion of successful policy pilot instruments which have demonstrated “value” over this programming period
- a playground where extrapolation on how these policy pilot instruments could be extended, adapted, and upgraded to promote enhanced value creation.



It should be goal of all PPs to keep a continuous dialogue “line” from the PLLs in WPT1 through to the RIS3 Round Tables, to move from tangible discussion about the technological benefits that key target groups can gain from onboarding technologies in their organization, to a discussion about how organizations (including RIS3 ministries and policy makers) can most optimally work together to expand the impact of policy instruments, so as to support the uptake of technologies, more broadly.

1.3. Scope of Document & Summary

The scope of D.T3.2.3 reports on RIS3 Round Tables 2: Transnational pilot actions on policy implementation is to provide an overview about all RIS3 Round Table 2 events held within the project’s timeframe. Furthermore, it provides a short analysis of the most important learnings made during the events. Lastly, this report should give an outlook about most the trending and crucial topics for the development of Central and Eastern Europe.

1.4. Audience

This document is directed towards the PPs and stakeholders involved in the project (especially RIS3 Round Tables attendees), 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.

1.5. Change Control Procedure & Structure

The Deliverable Responsible, PRO created this report, 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 (in this case PRO), to consolidate feedback from other partners, and integrate and disseminate the final agreed changes.



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Abbreviations:

Abbreviation	Explanation
AF	Application form
BSO	Business Support Organisation



DIH	Digital Innovation Hub
RIS3	Research & Innovation/Regional Smart Specialisation Strategy



2. Introduction

The Transnational RIS3 Round Tables are designed and implemented with the intention to foster the implementation of the consortium's Regional RIS3 Alignment Instrument Pilot Project Flagships ("Flagships"). The RIS3 Round Table has a goal of optimizing CAMI4.0 policy engagement between Central European (and wider EU) regions, by identifying and upgrading the consortium's chosen Use Cases to Flagships.

Regional Research & Innovation Smart Specialisation Strategies (RIS3) emphasize multi-sectoral, multi-skilled collaboration of regional stakeholders to promote competitive advantage through aligned innovation strategies within European Territorial areas. Therefore, the key purpose of the RIS3 Round Tables are to balance a discussion on how the chosen Use Cases can create competitive advantage in each Partner's territorial eco-system and more broadly to Central Europe's Manufacturing eco-system.

This section provides further detail on the definition and background of the RIS3 Round Table activity, along with information about the flow of activities between Work Packages. The section finishes with providing key insights from the RIS3 Round Table Harvest, which sets important operating principles about the fundamental character of the RIS3 Round Table activities.

2.1. Purpose of the document

The purpose of this document is to provide the CEUP2030 consortium and every stakeholder interested with information on how to foster transnational cooperation and regional competitive advantage. In the structure of CEUP 2030, the RIS3 Round Tables look to build on key RIS3 principles associated to the topic of stakeholder engagement (such as the entrepreneurial discovery process) and co-creation/ communication to build an interactive environment where:

- (1) lessons learnt / good practices from successful use cases can be extrapolated into a Central European policy context;
- (2) the RIS3 policy pilot actions and flagship projects can be developed and submitted, to showcase a regional model for aligning policy support for CAMI4.0 value creation.

The goal of these efforts is inspiration and development. The Partners are analyzing how their regional model of Policy Instrument Use Cases ("Use-Cases"), can deliver value-added benefit and competitive advantage. The Partnership is looking to extend, adapt and upgrade existing mechanisms to promote the adoption and uptake of Advanced Manufacturing and Industry 4.0 technology, through expert dialogue. The consortium used this forum to deliver precise recommendations (evidenced through demonstrable actions) to our policy-making stakeholders as to how these policy instruments could emerge in a wider territorial context. The RIS3 Round Tables acted as the catalyst for the recommendations which the partners bring together in the Policy Implementation Framework.

From a practical point of view the RIS3 Round Table was a series of workshops which were to be delivered by all PPs in each participating PP region and further in 4 transnational settings. These workshops had a thematic focus of promoting regional and transnational dialogue so as to better optimize implementation and capitalization of support mechanisms for CAMI4.0. It was one of the main goals of all PPs to keep a continuous dialogue "line"



from the Policy-Learning Labs (PLLs) in WPT1 over the TTTDMs in WPT2 through to the RIS3 Round Tables in WPT3. The Partners had to move from tangible discussion about the technological benefits that key target groups can gain from onboarding technologies in their organization, to a discussion about how organizations (including RIS3 policy makers) can most optimally work together to expand the impact of policy instruments. This dialogue was supposed to generate clear and tangible recommendations on how this activity (the appropriate implementation of the consortium's Use Cases), was able to lead to enhanced competitive advantage in Central Europe's manufacturing eco-system and supported the uptake of technologies, more broadly. Regional R&I Smart Specialisation Strategies are a significant topic in Europe's innovation system, as a tool to promote competitive advantage. The European Green Deal, the Digital Europe Programme, and even the specific Interreg Central Europe programme for 2021 to 2027, all have a connection to regional, R&I Smart Specialisation. In fact, Interreg has an entire priority dedicated to this concept in the new programming period, see: new funding - Interreg (interreg-central.eu), for more details. Therefore, it is enormously valuable for the consortium to be able to clearly explain the benefits of its model (the regional Pilot Flagships, and the aligned common Use Cases), at helping to deliver these programme's specific objectives.

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.

- **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.



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 Krakow Technology Park (KPT).

Name of the partner	Abbreviation	Country
1- KRAKOWSKI PARK TECHNOLOGICZNY	KPT	Poland
2- PROFACOR GmbH	PRO	Austria
3 - Verein Industrie 4.0 Österreich	PIA	Austria
4- Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e.V. für das Fraunhofer Institut für Werkzeugmaschinen und Umformtechnik (IWU)	IWU	Germany
5- Karlsruher Institut für Technologie	KIT	Germany
6- Associazione Fabbrica Intelligente Lombardia	AFIL	Italy
7 - SIIT S.c.p.a. Sistemi Intelligenti Integrati Technologie	SIIT	Italy
8 - Pomurski tehnološki park	PTP	Slovenia
9 - Pannon Gazdasági Hálózat Egyesület	PBN	Hungary
10 - Hrvatska agencija za malo gospodarstvo, inovacije i investicije	HAMAG	Croatia

Table 1 - Partners' list (Source: CEUP2030 Application Form)

3.2. Implementation strategy

This section describes the implementation of the RIS3 forums, from defining the objectives to the process of implementation and of reporting.

3.2.1. Overall Concept and Objective

The goals of the RIS3 Round Table Workshops are threefold:

1. Use Cases Dissemination, informing key stakeholders about the CAMI4.0 Strategy, and accompanying Use Cases (specifically, those Use Cases which are chosen to become Flagships) which was chosen by your PP organisation.
2. Use Cases Validation, gaining feedback and recommendations from key stakeholders about the context of your Use Cases, the conclusions you made to choose the specific challenge-solution-instrument, and how to bolster the implementation of your Use Case (or bolster support for the challenge you have chosen to tackle).



3. Use Cases Capitalisation, gaining recommendations on which elements of the use case can be used as a base for further regional or transnational capitalisation and cooperation. What is specifically important in the context of CEUP 2030, is that capitalisation efforts should be used to answer the questions: a. “How can we make strategic influence on policies in Central Europe, through the utilization of Use Case actions?” b. “How can we further expand the benefits of this specific Use Case, with tangible actions and enhance Central European competitive advantage (RIS3)?”

Similar to other activities in CEUP 2030, the workshops are a balance between stakeholder engagement and data (recommendation) collection. Information from the workshop and preworkshop steps, shapes the project’s final Output, the Policy Implementation Framework and sets the basis for common alignment on the topics of Advanced Manufacturing and Industry 4.0. It is also what creates the momentum to build your Use Cases into the two Regional RIS3 Alignment Instrument Pilot Project Flagships.

3.2.2. Session proceedings

Each Transnational RIS3 Round Table leader had to send out invitations to the project’s targeted stakeholder including policy makers, intermediaries, small and medium sized companies, universities and other people of interests. After inviting the targeted participants, the agenda of the event including the structure and the speeches had to be distributed. The general structure of the international RIS3 Round Tables has been decided by the organizing project partner, However, the overall goal and the thematic focus of the events had to comply with the defined goals of the CEUP2030 project.

3.2.3. Reporting

In the table below the pre-defined reporting template can be seen. It shows how the main factors for the successful realization of the CEUP2030 project have been collected and analysed.

Table 2: Template RIS3 Round Table Transnational Event Reporting

Administrative Information	
PRIMARY HOSTING PARTNER	Choose an item.
CONTRIBUTING PARTNER(S)	<input type="checkbox"/> KPT <input type="checkbox"/> IWU <input type="checkbox"/> SIIT <input type="checkbox"/> PRO <input type="checkbox"/> KIT <input type="checkbox"/> PTP <input type="checkbox"/> PIA <input type="checkbox"/> AFIL <input type="checkbox"/> PBN <input type="checkbox"/> HAMAG
HOSTING LOCATION OF EVENT	<input type="checkbox"/> Online, please specify hosting platform: XX <input type="checkbox"/> On Site, please specify the location: XX
NAME OF USE CASE / CAMI4.0 FOCUS OF EVENT (Choose up to four)	<i>Use Case Name</i>
	(1) XX
	(2) XX
	(3) XX
	<i>CAMI4.0 Topic</i>
	Choose an item.
DATE OF THE EVENT	Click or tap to enter a date.



<i>Attendee & Speaker Analysis</i>			
LIST DISSEMINATION & CAPITALISATION STAKEHOLDERS (CE/EU ORGANISATIONS & ASPs) WHO ATTENDED and/or PRESENTED AT THE MEETING ¹	<i>Name</i>	<i>Organization</i>	<i>Use Case Role</i>
	(1) XX	XX	Choose an item.
	(2) XX	XX	Choose an item.
	(3) XX	XX	Choose an item.
	(4) XX	XX	Choose an item.
	(5) XX	XX	Choose an item.
LIST OTHER SPEAKERS & PROVIDE USE CASE CONNECTION JUSTIFICATION ²	<i>Name</i>	<i>Organization</i>	<i>Justification</i>
	(1) XX	XX	XX
	(2) XX	XX	XX
	(3) XX	XX	XX
AUDIENCE BY TARGET GROUP	<i>Total Number of Attendees: XX</i>		
	<i>Below, please select to which target group did participants belong and quantify number of attendees.</i>		
	<input type="checkbox"/> Local public authority		<i>Total: XX</i>
	<input type="checkbox"/> Regional public authority		<i>Total: XX</i>
	<input type="checkbox"/> National public authority		<i>Total: XX</i>
	<input type="checkbox"/> Higher education and research		<i>Total: XX</i>
	<input type="checkbox"/> Education/ Training Centre & Schools		<i>Total: XX</i>
	<input type="checkbox"/> Large Enterprises <input type="checkbox"/> SMEs <input type="checkbox"/> Business Support Organizations		<i>Total: XX</i> <i>Total: XX</i> <i>Total: XX</i>
<i>Content Analysis</i>			
OBJECTIVE AND GOAL OF THE RIS3 ROUND TABLE	<i>[Maximum 500 Characters, in English]</i>		
LOGIC BEHIND CHOSEN COMMON THEME OF TRANSNATIONAL RIS3 ROUND TABLE <i>(Why did you choose to focus on this/these Use Case(s) for your event?</i> <i>Bring evidence from your alignment discussion in the TIN Working Group + direct</i>	<i>[Maximum 500 Characters, in English]</i>		

¹ There is no limit on speakers or attendees. If you'd like to add more, please add a row to the table.

² There is no limit on speakers or attendees. If you'd like to add more, please add a row to the table.



<i>insight from Impact Controlling Interviews)</i>	
STRUCTURE OF EVENT (AGENDA & TOOLS USED TO PROMOTE ENGAGEMENT)	<i>[Maximum 500 Characters, in English]</i>
SUMMARY OF LESSONS LEARNT & FEEDBACK FROM PANEL DISCUSSION EXCHANGE ON THE COMMON ALIGNED POLICY USE CASE	<i>[Maximum 1000 Characters, in English]</i>
HOW DID THE DISCUSSION BUILD BRIDGES TO LONG TERM POLICY PLANNING IN INDUSTRY 4.0 & ADVANCED MANUFACTURING?	<i>[Maximum 2000 Characters, in English]</i>
HOW CAN THIS COMMON USE CASE ENHANCE THE COMPETITIVE EDGE OF CENTRAL EUROPE'S MANUFACTURING ECO-SYSTEM?	<i>[Maximum 1000 Characters, in English]</i>
WHAT ARE THE CONSEQUENCES OF THIS DISCUSSION FOR THE CAPITALIZATION OF A COMMON ALIGNED POLICY USE CASE?	<i>[Maximum 1000 Characters, in English]</i>
WHAT ARE THE NEXT STEPS AND OPPORTUNITIES WHICH EMERGED DURING THE SESSION?	<i>[Maximum 1000 Characters, in English]</i>
ANY OTHER COMMENTS?	<i>[Maximum 500 Characters, in English]</i>
Reporting Element Checklist <i>Please upload all Evidence in your respective folder on ALFRESCO.</i>	
INVITATION/ SAVE THE DATE	<input type="checkbox"/> Yes <input type="checkbox"/> No



AGENDA	<input type="checkbox"/> Yes <input type="checkbox"/> No
MINUTES	<input type="checkbox"/> Yes <input type="checkbox"/> No
LIST OF PARTICIPANTS & TARGET GROUP TYPE	<input type="checkbox"/> Yes <input type="checkbox"/> No
IF VIRTUAL, A RECORDING	<input type="checkbox"/> Yes <input type="checkbox"/> No
IF VIRTUAL, A SCREENSHOT OF PARTICIPANTS	<input type="checkbox"/> Yes <input type="checkbox"/> No
IF PHYSICAL, A SIGNED PARTICIPANT LIST	<input type="checkbox"/> Yes <input type="checkbox"/> No
IF PHYSICAL, A GROUP PHOTO	<input type="checkbox"/> Yes <input type="checkbox"/> No
TEMPLATE END	

3.2.4. Data Analysis for the Final Report

The data analysis for this final report on the transnational RIS3 Round table is based on the interpretation given by the four-individual transnational RIS3 Round table reports which are provided by the project partners. The analysis shows the results of all the events and their main findings and will provide a future outlook and potentials. The original individual reports can be found in the appendix.

3.2.5. Timeline

Activity	Date
Guidance document	July 2021
1 st Regional Innovation Strategy for Smart Specialisation: Transnational Round Table ARTIFICIAL INTELLIGENCE: GOOD PRACTICES, BARRIERS AND OPPORTUNITIES	March 10 th , 2021
2 nd RIS3 INVESTMENT FORUM	November 15 th , 2021
3 rd Industry 4.0 and Robotics	December 20 th , 2021
4 th Industry Talks III - IMPROVE Cross Border WG &CEUP RIS3Round Table	February 21 st , 2022
Report DT3.2.3	May 2022



4. Results

4.1. 1st Transnational RIS3 Round Table

The AI RIS3 Round Table objective was to discuss initiatives promoted at regional level to support the development of AI-based technologies and solutions, also referring to CEUP flagships. Furthermore, the presence of industrial speakers showing some use-cases allowed to start a discussion on their current needs and possible recommendations to policy makers, collecting useful information to be used in the definition of common CEUP flagship. In order to reach this goal, the Round Table has been organized in two different sessions and involved different types of speakers able to show and discuss both topics. This event was hosted by AFIL on the 10th of March, 2021 virtually. The primary individual use cases have been the one by PBN and by AFIL both in the CAM4.0 Topic of Artificial Intelligence.



Regional Innovation Strategy for Smart Specialisation: Transnational Round Table ARTIFICIAL INTELLIGENCE: GOOD PRACTICES, BARRIERS AND OPPORTUNITIES

10 MARCH 2021 - 14:30 – 16.30
Virtual meeting






AGENDA

14:30-14:35 Connection & Welcome

14:35-14:50 CEUP2030 Project: objectives and outcomes
Aleksandra Gabriel, Krakowski Park Technologiczny, CEUP2030 project coordinator

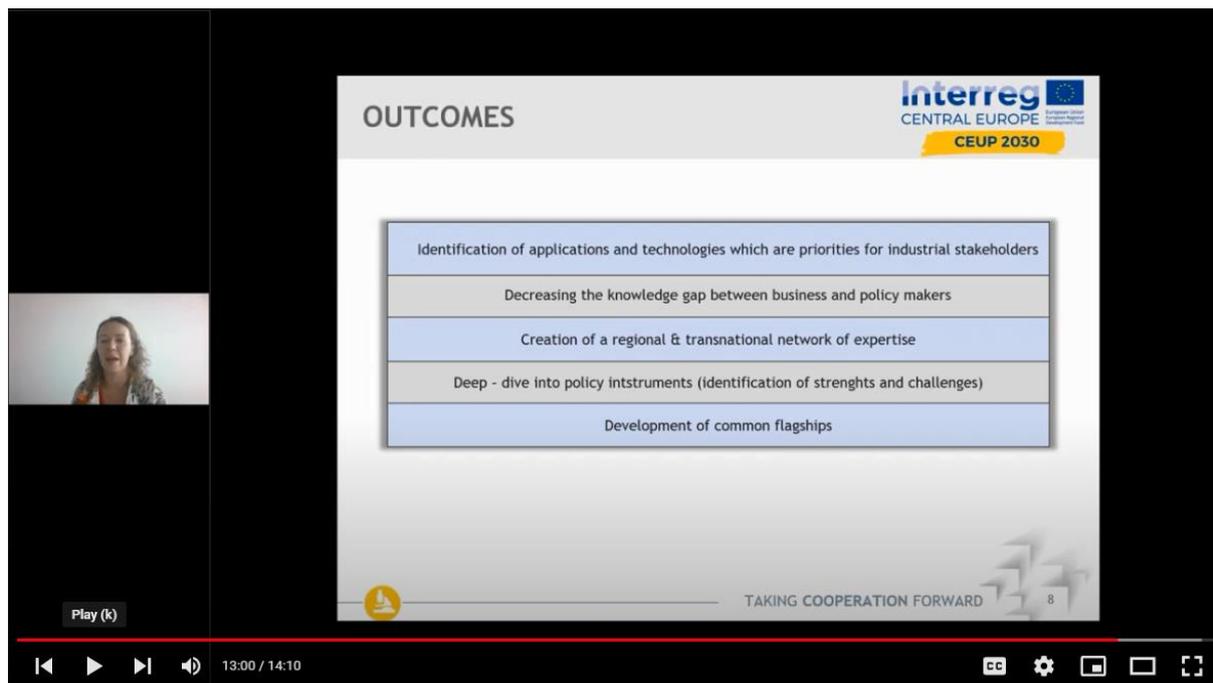
14:50-15:50 **Moderated RoundTable: Inter-regional Ongoing Initiatives on AI**
In this session, the invited speakers will discuss the activities and initiatives promoted at regional level on AI topics.

- *Giacomo Copani, Cluster Manager AFIL, Lombardy Region*
- *Martin Dan, Pannon Business Network as coordinator of AI Working Group, Danube Region*
- *Joan Mas, director of the Digital Division of Eurecat, Catalonia Region*
- *Gustavo Dalmarco, Institute for Systems and Computer Engineering, Technology and Science (INESC TEC), Norte Region*
- *Wim De Kinderen, Brainport AI Hub, South Netherlands Region*

15:50-16:20 **Moderated RoundTable: AI Industrial Applications & Best Practices**
In this session, the invited speakers will discuss industrial best practice on AI to highlight barrier and supporting policy tools.

- *Christian Inzko, CEO of IoT40, Austria*
- *Stefano Ierace, Chief Operating Officer Intellimech, Lombardy*
- *Alessandro Liani, CEO Video Systems srl, Friuli Venezia Giulia*





Link to recorded event: [CEUP2030 Project: objectives and outcomes - YouTube](#)

Figure 1: Evidence RIS3 Round Table by AFIL

4.1.1. Topics

The event was specifically focused on AI tools and industrial applications in order to collect info on the regional expertise and ongoing initiatives related to the development of AI-driven solutions. In particular, PBN, AFIL and PIA have been directly involved presenting their AI use-cases and regional AI-driven applications. The structure of the AI RIS3 Round Tables has been discussed within the AI meetings for the Common Policy Use Case in order to set up an event that was aligned with project needs. During the event, partners collect best practices and recommendations on available policy tools and current challenges. Furthermore, all partners have been invited to provide inputs and speakers in order to show their specific use-cases. KPT provided an initial presentation on CEUP2030 project and KIT moderated the first Round Table. The participation and presentations of CEUP2030 partners (PBN, AFIL and PIA) have been compared also with the experiences coming from other regions, trying to inspire the partners for the definition of a Common Policy Use Case.

4.1.2. Participants

In the 1st Transnational RIS3 Round Tables Event 21 people took part. Out of these 21 participants 10 have been Business Support Organizations, 6 have been Small and Medium sized Companies and 5 participants came from higher Education and Research. Having a detailed look into the Speaker Analysis it can be seen that 5 out of 8 speakers have been knowledge supplier from various European countries such as Hungary, Italy and the Netherlands. 3 out of the 7 have been industrial stakeholders from Austria and Italy.

4.1.3. Methodology used

The event has been structured in three main phases:

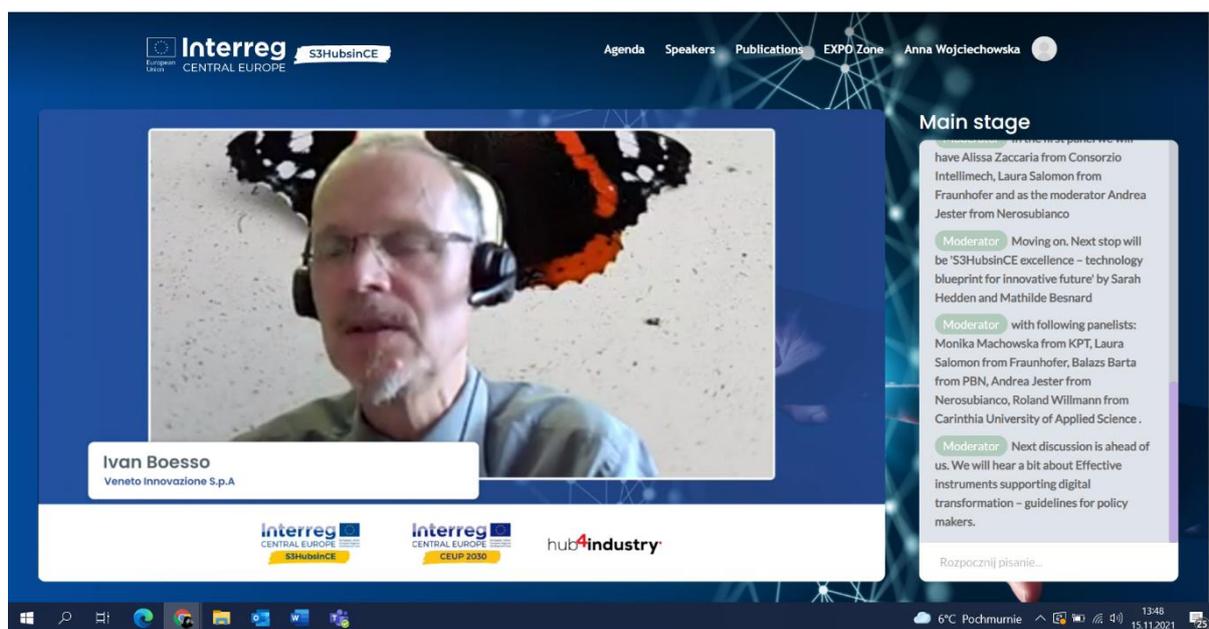
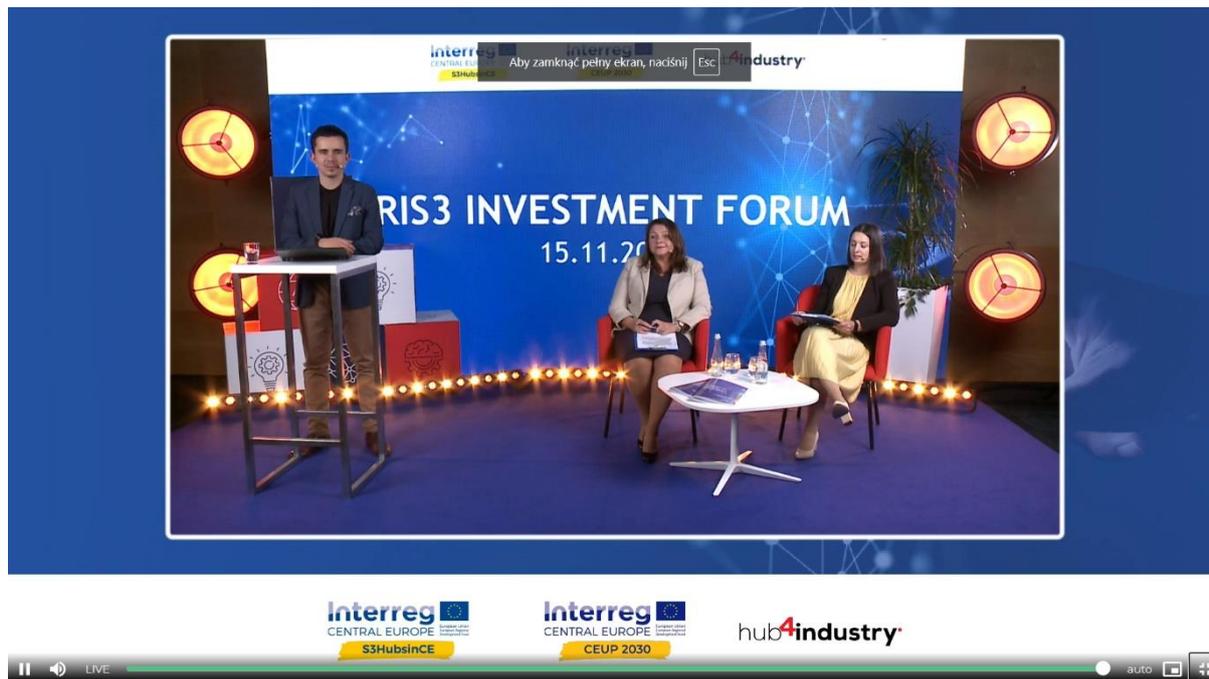


- (1) The presentation of CEUP2030 project in terms of activities, achievements, and possible impacts;
- (2) A first Round Table more oriented to regional ongoing initiatives in order to discuss the different approaches, strategies and available supporting tools put in place by different regions.
- (3) A second Round Table addressing industrial stakeholders, who presented real industrial applications of AI technologies and compared their experiences on current challenges, relationship with the institutions and recommendations.

In order to promote the discussion, the questions have been shared in advance with the panellists and they also have the opportunity to present on the main activities, after brief introductory presentations of 5 minutes.



4.2. 2nd Transnational RIS3 Round Tables



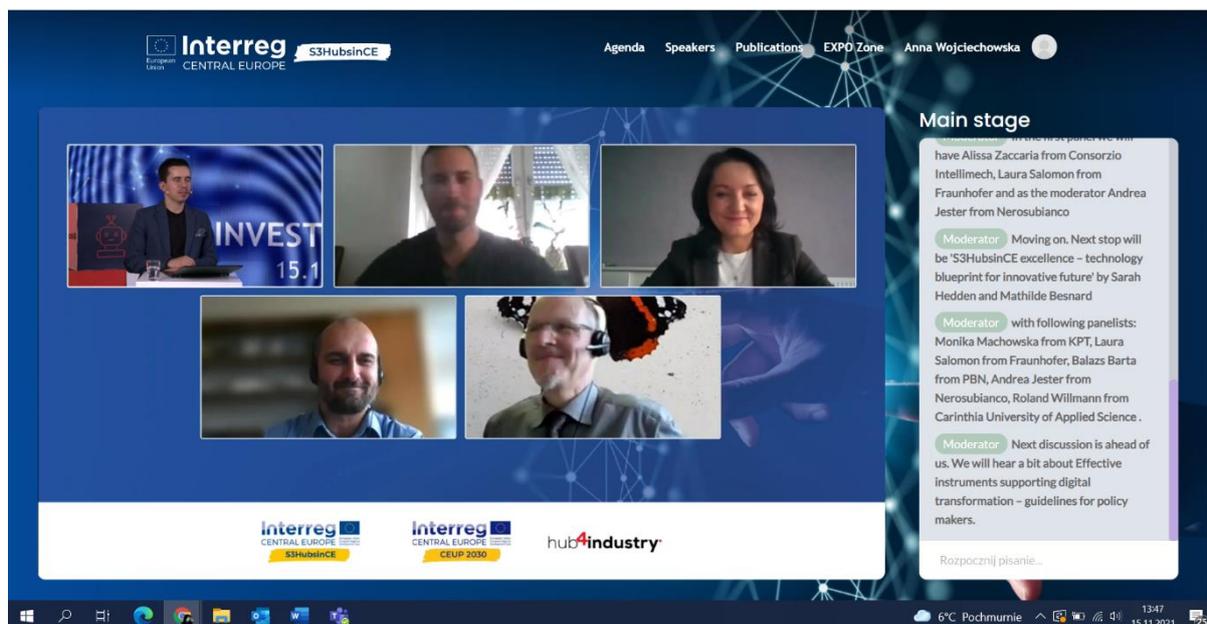


Figure 2: Evidence RIS3 Round Table by KPT

4.2.1. Topics

During the 2nd Transnational RIS3 Round Table hosted by KPT on the 15th November, 2021 online, panellists tried to answer the following questions: What does NOT work in legislation and could be fixed? How to involve stakeholders in a policy making process? How to work through dilemma: big scale actions but shallow vs deep impact but at small sample = instruments with high visibility and reach but low individual impact on companies and low expertise involved vs high expertise, big impact on companies but for small group of companies. Do we observe some multiplier effects in digitalisation projects? Maybe this dichotomy is fake? What will be the biggest challenges for digital transformation instruments in next 5 years?, Europe's digital transformation and the role of EDIHs

The Transnational Round Table brought together various target groups including leaders at the forefront of innovation from many sectors to explore the opportunities for creating global digital future. The event provided to the participants a possibility to:

- get insight of the digital thinking across CAMI 4.0 topics
- discover top industrial technologies & solutions under one roof presented by identified RIS3 Champions and 10 regional DIHs
- to explore collaboration between European Digital Innovation Hubs in the network, including trans-national cross-border hubs and corridors
- to get inspired by how Digital Innovation Hubs as an instrument helps to boost digitalization of companies
- to get knowledge about EDIH & Interreg Central Europe
- to explore the impact of digital transformation on business, technology and society

Due to the discussion and exchanging knowledge and best practises of European DIHs and policy makers on transnational level the discussion and project itself supported the creation of direct and detailed recommendations for shaping and tailoring RIS3 to technological



challenges of the future. The work proved to be very crucial for building success stories of cooperation among DIHs and in the future among eDIHS.

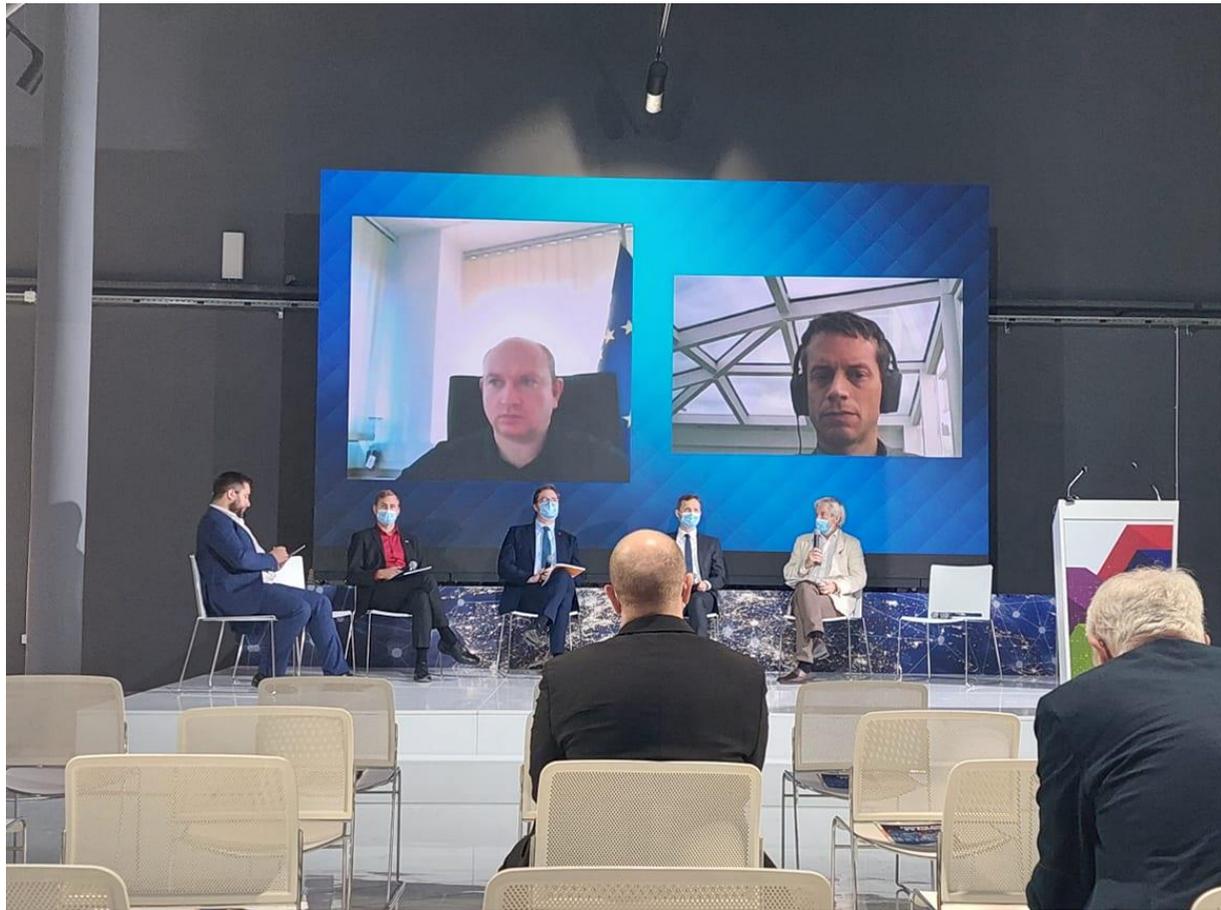
4.2.2. Participants

In the 2nd Transnational RIS3 Round Tables Event 61 people took part from over 9 countries. Out of these 61 participants 30 have been Business Support Organizations, 9 have been Small and Medium sized Companies and 8 participants came from higher Education and Research, 6 have been public authorities and 10 others. Having a detailed look into the Speaker Analysis it can be seen that 5 out of 8 speakers have been knowledge supplier from various European countries such as Hungary, Italy and Austria. 3 out of the 8 have been European project ambassadors.

4.2.3. Methodology used

The information and promotion campaign has started 3 weeks before the event. It has included promotion on social media such as Facebook, LinkedIn, Instagram and was accompanied by mailing campaign and direct invitation letters being sent to key stakeholders of the partnering regions. Furthermore, the event has been structured by having 4 speeches and 2 Panel discussions.

4.3. 3rd Transnational RIS3 Round Tables



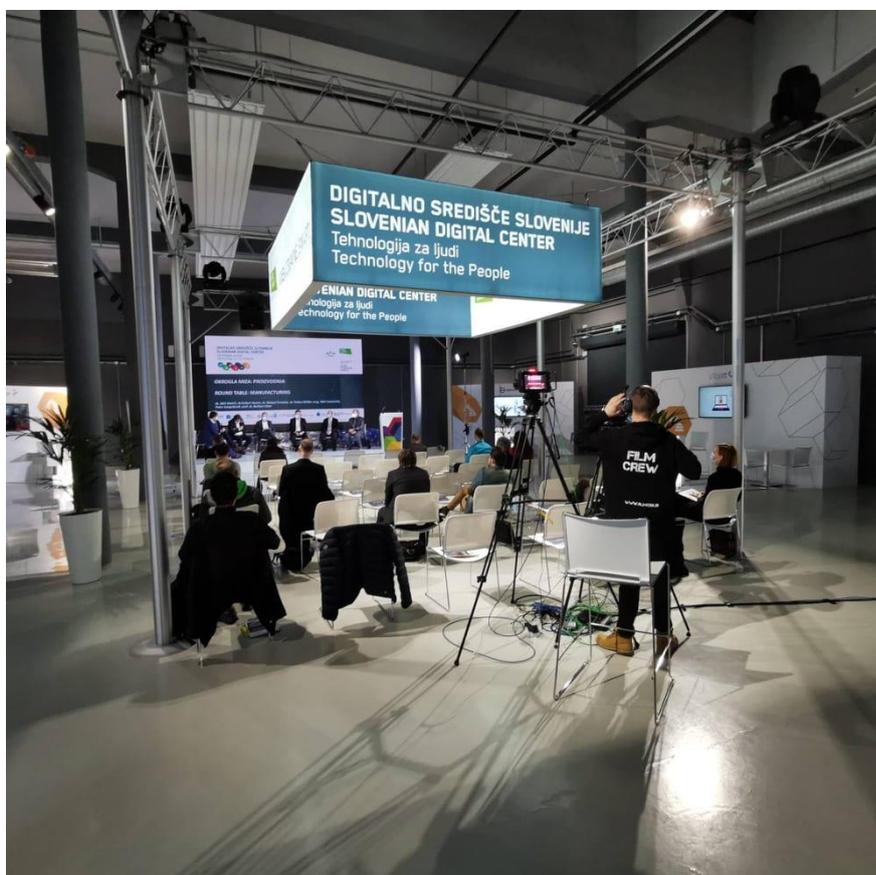
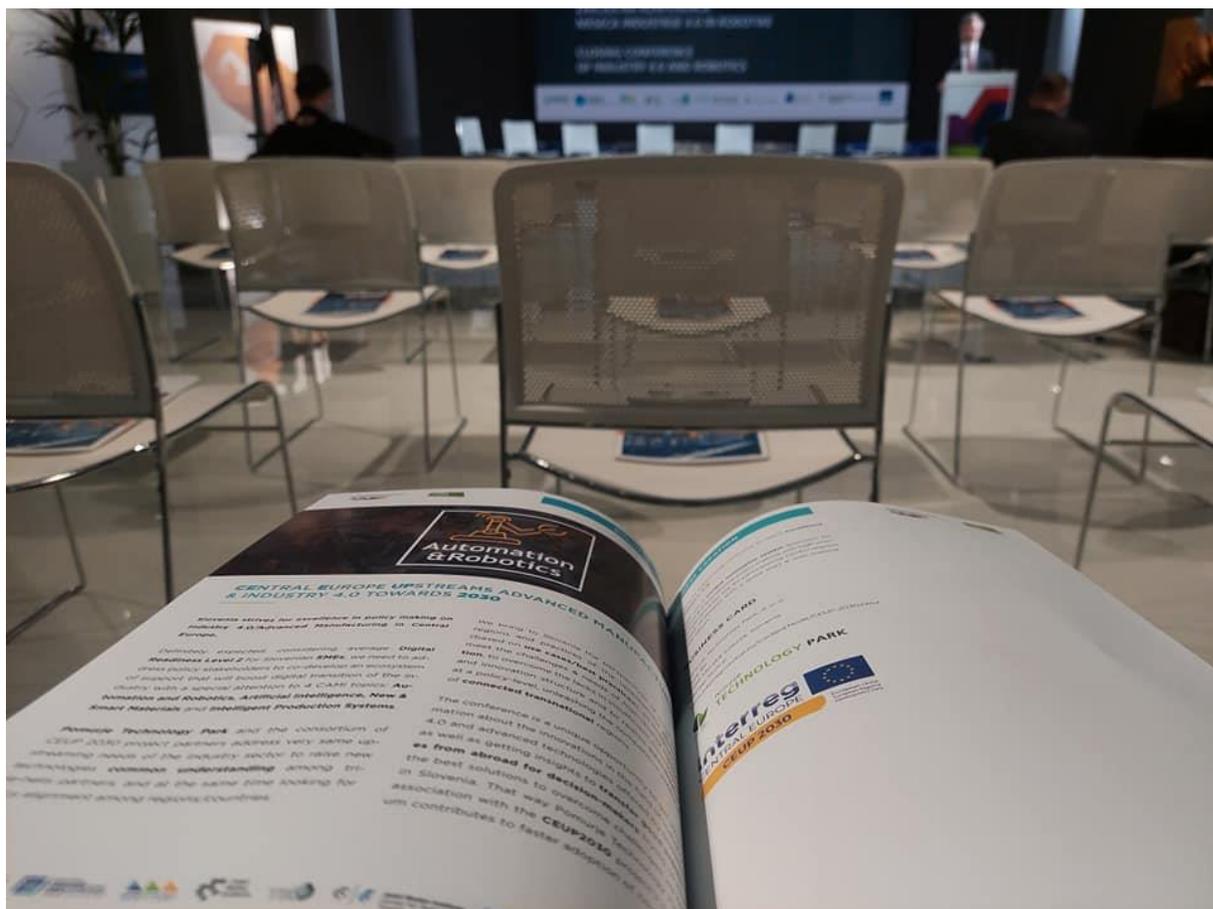


Figure 3: Evidence RIS3 Round Table by PTP



4.3.1. Topics

The main objective of the 3rd RIS3 Round Table Event hosted by PTP on the 20th of December, 2021 physically and online in Slovenia has been the exchange of views on how to engage all stakeholders in the transition to green technologies, increase innovation and productivity, and digital transformation of the industry from the perspective of policymakers, contractors and analysts. The main CAMI4.0 use case in the Topic of Intelligent Production Systems has been “DIH2 project Technology Transfer Experiment (concrete story of Flexido /TECOS / Polycom”

A special focus has been put on the following topics:

- Experiences on current incentives for digitalization and possible improvements
- How to support Industry 4.0 and Robotics implementation
- Role of the ecosystem in transition to I4.0 and Robotics
- Possible ways for the decision-makers to support the implementation of innovation and implementation of technologies
- Commercialization of innovations in the field of Robotics and Industry 4.0
- Cross-sector fertilization and collaboration - where and how

The Discussions contributed to the Identification of several key obstacles such as businesses struggle with is instability. There is a need to talk about, how to ensure continuity (programmed tendering system) in Slovenian innovation policy Furthermore, Industry 4.0 deployment needs are numerous. Skills (next level where it makes sense to transfer funding as gap between technology development and human skills is raising=problem), funding etc. On the field of research and development there have been a discussion about top-5 not being addressed enough by policymakers accordingly - inadequate measures of support.

4.3.2. Participants

In the 3rd Transnational RIS3 Round Tables Event 70 people took part from over 7 countries. Out of these 70 participants 11 have been Business Support Organizations, 5 have been Small and Medium sized Companies and 4 participants came from higher Education and Research, 7 have been public authorities and 41 others. Having a detailed look into the Speaker Analysis it can be seen that 4 out of 7 speakers have been knowledge supplier from various European countries such as Hungary, Italy and Austria. 3 out of the 7 have been regional stakeholders.

4.3.3. Methodology used

The structure for the 3rd RIS3 Round Table Event has been as following:

1. Introductory statement by Simona Knežević Vernon (2.5 min.)
2. Keynote speech: “Austrian experiences in faster prototyping and commercialization of innovation towards Industry 4.0: what best practices from the Platform Industry 4.0?” (5 min.)
3. Topical Tour de table: “What policy to support Industry 4.0 and for which impacts?” (15 min.)
4. Individual questions lines (to each Panelist, see Section 3) (25 min.)



5. Panel discussion on policy support: “What support measures are needed to boost an Industry 4.0 industrial ecosystem?” (15 min.)
6. Q&A open to audience: questions (10 min.)
7. Wrap-up Statements by each Panelist: “In 2 sentences each, share the 2 key take-away statements that you wish the audience to bear in mind from this event” (10 min.)
8. Concluding statement by Pierre Padilla (2.5 min.)



4.4. 4th Transnational RIS3 Round Tables

Microsoft Teams

Take control

GMAR INDUSTRY TALKS III

IMPROVE CROSS BORDER WG & CEUP RIS3ROUND TABLE



1 of 21

NUMRICH Alexander

FN Franz Nemes +19

Microsoft Teams

Request control

DIGICALL
 "We help to implement digital solutions"

Open call to supporting SMEs in using digital solutions

- SMEs
- AT-HU program area
- Services in:
 - Electronics
 - Production
 - Engineering
 - Software
 - AI / Machine Learning

DIGICALL
 WE HELP TO IMPLEMENT DIGITAL SOLUTIONS

SUBJECTS

DEADLINE EXTENSION 31.10.2021 (16:00)

5

Pethő Regina

NA NUMRICH ... +25

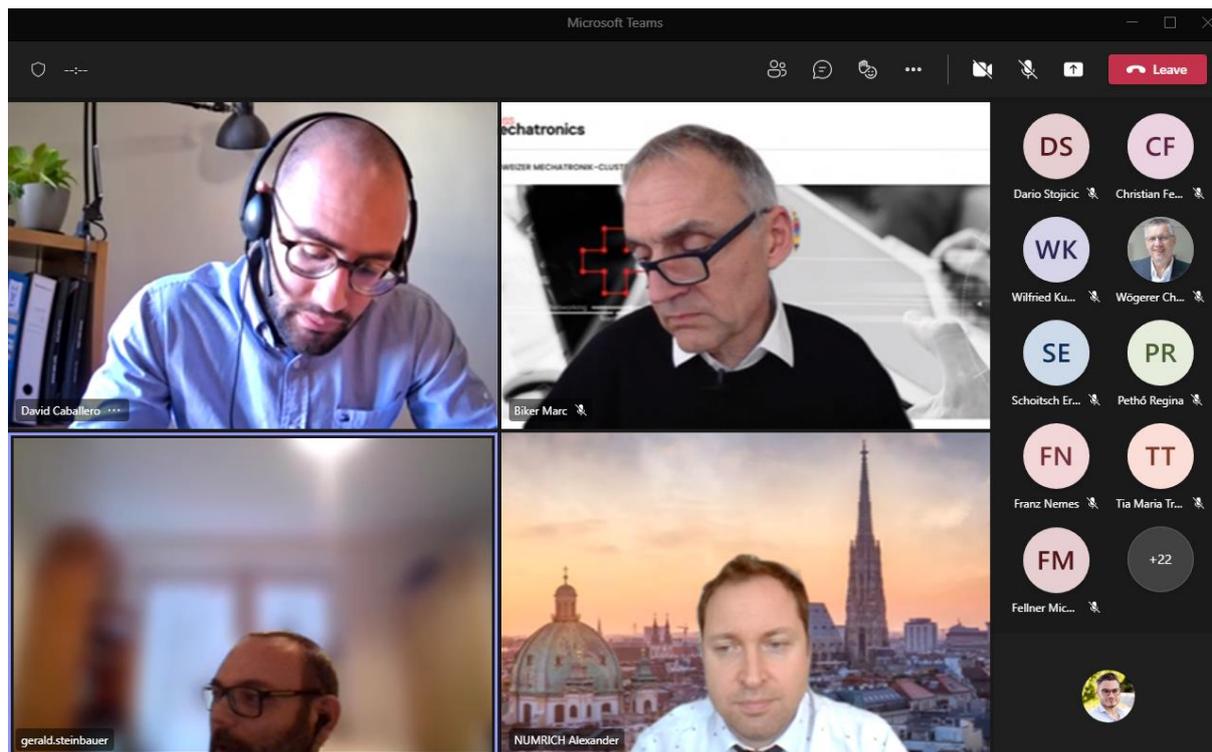


Figure 4: Evidence RIS3 Round Table by PRO&PIA

4.4.1. Topics

The goal of the international RIS3 Round Table which was hosted by PRO and PIA online on the 21st of February 2022 was to gather stakeholders in the area of Robotics & Automation in order to discuss new developments in the topic. On the one hand, this includes new business projects and companies (start-ups), on the other hand this also includes international research projects (like CEUP 2030 or IMPROVE!) as well as local and cross-border research initiatives. The purpose of the event was to get the stakeholders together in order to initiate further cooperation and to pursue CEUP 2030's flagship projects such as "CorTeam", "SHARE4.0", "BIOSAM" and "Hub4Industry" which have been presented and discussed in the during the RIS3 Round Table event.

The use cases chosen reflect the diversity of projects in the area of Robotics & Automation in Central Europe: More and more, robots are used in manufacturing products, therefore, start-ups are being founded in this area. Also, university research and applied science works increasingly with robots and automation. This situation is reflected in the choice of the use cases for this event.

The discussions in the TIN Working Group have shown that there is a need to also connect the different public and private initiatives to project like CEUP 2030 itself and to do so transnationally. Therefore, international stakeholders were invited to the event, as speakers and as participants.

The CAMI 4.0 topics of CEUP 2030 are highly connected, which was showcased once again in the event. For instance, Robotics & Automation and Artificial Intelligence (AI) often build on each other, robots that are enhanced with AI could be a major driver for innovation in the future.



This has to be reflected when it comes to policy planning, e.g. in the area of subsidies: There are many technology-specific policy instruments that exist already. However, they very often focus on a certain technology, topics that connect different technologies cannot be fit into a specific category.

Connecting and bridging different technologies can be a major advantage for Central European policy instruments in the future.

Another topic that was discussed is the, very often already successful, collaboration between research & industry. Innovation can be tested and evaluated on an academic level, before it is ready for broad market adoption. It was good to see good practice examples on this form of collaboration.

4.4.2. Participants

In the 4th Transnational RIS3 Round Tables Event 31 people took part from several European countries. Out of these 31 participants 4 have been Business Support Organizations, 11 have been Small and Medium sized Companies and 10 participants came from higher Education and Research and 6 large enterprises have been represented. Having a detailed look into the Speaker Analysis it can be seen that 5 out of 7 speakers have been knowledge supplier from various European countries such as Hungary and Austria. 2 out of the 7 have been Project representatives of the CUEP 2030 project.

4.4.3. Methodology used

The event was conducted in two phases:

- (1) Firstly, interested use cases were presented to show the participants the potential and status quo in Robotics & Automation.
- (2) Afterwards, in the second phase, the use cases were connected to different projects that are currently being implemented in Central Europe.

The format of “Industry Talks” was chosen as the GMAR community, with whom this event was being organized and who is heavily interested and connected in the realm of robotics and automation, is already familiar with the format.



5. Lessons Learnt & Discussion

Central Europe is quite well positioned when it comes to the adoption of Advanced Manufacturing and Industry 4.0. However, there is still a lot of homework to be done - which was also reflected in the panel discussions across the four transnational events.

Lessons learned about the methodology and use cases used in CEUP2030 project: The methodology used was generally appreciated by all stakeholders involved in the RIS3 transnational roundtables. However, it can be said that there is still important to focus much more on integrating SMEs intermediaries and government. According to the use cases presented within CEUP 2030 it can be concluded that participation involvement is higher and seen as more valuable when the specific use cases target business issues and problems covering the whole process from financial and bureaucracy issues up to targeting the need goals of specific industries and companies.

The international projects that were presented in the events are taking on specific challenges and aim at connecting different players and communities. To see what is happening within those projects was a very relevant learning for all the participants. It was possible to see what other countries and regions are working on and to discover, that there are very similar approaches happening in different places. For instance, the Teaching and Learning Factory that is being built in Hungary, showcased during the 4th Transnational RIS3 Round Table, can be connected to similar initiatives in Austria, the Czech Republic or Slovakia.

In the case of Slovenia, it can be said that several collaboration possibilities among neighbouring countries could have been identified, especially regarding the topic of “industry 4.0”. Additionally, key industrial policy instruments should invest more resources into the competitiveness development of regional small and medium sized companies. To tackle this important task, risk capital from the government is needed in order to help regional companies and to adopt industrial innovations as well as advanced manufacturing technologies. However, the risk capital landscape in Slovenia still has to be improved. Here, all participants agreed that this field still needs to be investigated and a conceptual framework needs to be identified to improve the risk capital landscape of Slovenia.

Overall, all Transnational RIS3 Round Tables led to the following learnings:

- Figuring out appropriate instruments and smart tools to support SMEs which can be used cross-sectional as companies have different levels of digital technology readiness and are operating in different branches.
- The engagement of companies in activities to define smart specializations of the regions, is important.
- Adjusting supporting mechanism and financial instruments to companies’ needs, and simply funding processes, should be considered.
- For digital transformation companies need professional support from the organisations like BSO or DIHs to advise them how to plan and implement the transformation process as well as the needed technology and where to get funding for dedicated improvements in the company.



- Business Supporting Organisations and dedicated DIHs - acting as intermediaries - are one of the key actors in co-creating and implementing the Regional Innovation Strategy and pushing digital transformation.
- The creation of one common framework for digital transformation at a European level is highly critical and difficult as it implies various political interests and all the dominant actors within regions and markets. Furthermore, this needs a common language and understanding.
- To mitigate the risk of unsuccessful governmental spending in projects a “test before invest” regulation would be helpful. This would also reduce the wasted resources for companies
- The creation of regional innovation strategies should lead to an elaboration of a joint conceptual framework of RIS3 establishments of sustainable transnational Digital Innovation Hubs for RIS3 and merging them with the ecosystem of regional innovation.



6. Conclusions & Next Steps

The purpose of this document has been to provide the Partners of CEUP2030 a summary of the results expressed following the execution of the four transnational RIS3 Round Tables.

6.1. Conclusions

Central Europe is overall facing similar challenges in the field of digital transformation of the manufacturing sector. However, technology readiness is not homogenous across the territory, due to several factors such as the economic power and the main industries of the countries as well as the different administrative processes.

Furthermore, among all countries the business support organization and digital innovation hubs are seen as highly important actors to promote digitalization in the different industries and countries. Additionally, the main interest of all regions is to improve the competitiveness of local small and medium sized companies in the markets they are operating.

However, the main challenges to effectively foster small and medium sized companies are on a country's macro level, as funding process are often connected with many sacrifices for the companies such as personnel resources, time and money. Also, on the other side, governments want to ensure that their investments result in successful implementation. As a result, digital transformation in manufacturing has to have a positive "return of investments" for all parties included in the transformation and value chain of digitalization.

6.2. Next Steps

As mentioned in chapter five there is the need of a common strategy or framework for RIS3 establishments to enhance the digital transformation of regions but also the cooperation subsequently co-creation between different regions and countries. The findings of all transnational RIS3 Round Tables show the need for a process-based cross-functional conceptual framework which considers all the important process for sustainable cross-regional digital transformations.

Such a conceptual framework would create a common roadmap for region development in Central Europe. Therefore, additional projects on an interregional level such as the CEUP2030 project have to be established to foster a common process-based cross-sectional conceptual framework for digital transformation. The project's resulting Policy Implementation Framework, a set of 10 action-oriented coordinated activities and the 4 common policy use cases, create a strong base for further cooperation in the coming programming period. This should lead to faster transfer of competencies and good practices from pilot and demo centers to the education system, and to strengthen investments in basic research equipment and the establishment of pilot/demo centers.

Furthermore, all the efforts done by the project partners resulted in four common policy use cases which have the potential for further collaboration between important stakeholder and countries.

- 1) Cooperation for a smarter central Europe - SMARTER Europe
- 2) "Digital innovation Hub" - Structure Coop DIH
- 3) Strategic network initiative centered around the topic of fostering R&D and innovation action projects



4) 3C4MaterialsResearch - Circular Capitalisation Concept for Smart Material Research of Polymers and Textiles

More detail about these four Common Policy Use Cases can be found in Deliverable T3.3.3 Policy Framework 2 Setting Up a Joint Transnational CAMI4.0 Strategy for 2021-2027. If you interested in participating into any other projects and further developments and execution you can contact the lead partner Krakow Technology Park via the project website. Link: [CEUP 2030 - Interreg \(interreg-central.eu\)](https://interreg-central.eu)



7. Appendix

7.1. RIS 3 Round Table Transnational Event Report by KPT

Administrative Information			
PRIMARY HOSTING PARTNER	KPT		
CONTRIBUTING PARTNER(S)	<input checked="" type="checkbox"/> KPT <input type="checkbox"/> PRO <input type="checkbox"/> PIA	<input checked="" type="checkbox"/> IWU <input type="checkbox"/> KIT <input type="checkbox"/> AFIL	<input type="checkbox"/> SIIT <input checked="" type="checkbox"/> PTP <input checked="" type="checkbox"/> PBN <input type="checkbox"/> HAMAG
HOSTING LOCATION OF EVENT	<input checked="" type="checkbox"/> Online, please specify hosting platform: https://ris3forum.kpt.krakow.pl/ <input type="checkbox"/> On Site, please specify the location:		
NAME OF USE CASE / CAMI4.0 FOCUS OF EVENT (Choose up to four)	Use Case Name		CAMI4.0 Topic
	(1) eDIH		Intelligent Production Systems
	(2) XX		Choose an item.
	(3) XX		Choose an item.
(4) XX		Choose an item.	
DATE OF THE EVENT	15/11/2021		
Attendee & Speaker Analysis			
LIST DISSEMINATION & CAPITALISATION STAKEHOLDERS (CE/EU ORGANISATIONS & ASPs) WHO ATTENDED and/or PRESENTED AT THE MEETING³	Name	Organization	Use Case Role
	(1) Thomas Kreamsner	Forshung Burgenland	Choose an item.
	(2) Ivan Boesso	Veneto Innovazione S.p.A Future	Knowledge Facilitator
	(3) Anna Pająk	Industry Platform Foundation	Knowledge Facilitator
	(4) Borut Zrim	Pomurje Technology Park	Choose an item.
(5) Bartosz Józefowski	Krakow Technology Park	Choose an item.	
LIST OTHER SPEAKERS & PROVIDE USE CASE CONNECTION JUSTIFICATION⁴	Name	Organization	Justification
	(1) Matthias Kuom	DG Connect	XX
	(2) Angelika Van Es	Interreg CE	XX
(3) Agnieszka Bachórz	Marshall Office (Małopolska region)	XX	
AUDIENCE BY TARGET GROUP	The total number of registered participants is 123. The event had over 63 participants from over 9 counties from different target groups:		

³ There is no limit on speakers or attendees. If you'd like to add more, please add a row to the table.

⁴ There is no limit on speakers or attendees. If you'd like to add more, please add a row to the table.



	<input type="checkbox"/> public authority	Total: 6
	<input type="checkbox"/> Local public authority	
	<input type="checkbox"/> Regional public authority	Total: XX
	<input type="checkbox"/> National public authority	Total: XX
	<input type="checkbox"/> Higher education and research	Total: 8
	<input type="checkbox"/> Education/ Training Centre & Schools	Total: XX
	<input type="checkbox"/> Large Enterprises	Total: XX
<input type="checkbox"/> SMEs	Total: 9	
<input type="checkbox"/> Business Support Organizations	Total: 30	
<input type="checkbox"/> other	Total: 10	
Content Analysis		
OBJECTIVE AND GOAL OF THE RIS3 ROUND TABLE	<p>[Maximum 500 Characters, in English]</p> <p>During the RIS3 Round table panelists tried to answer the following questions:</p> <ul style="list-style-type: none"> - What does NOT work in legislation and could be fixed - How to involve stakeholders in a policy making process - How to work through dilemma: big scale actions but shallow vs deep impact but at small sample = instruments with high visibility and reach but low individual impact on companies and low expertise involved vs high expertise, big impact on companies but for small group of companies. Do we observe some multiplier effects in digitalisation projects? Maybe this dichotomy is fake? - What will be the biggest challenges for digital transformation instruments in next 5 years. <p>➤ Europe's digital transformation and the role of EDIHs</p>	
<p>LOGIC BEHIND CHOSEN COMMON THEME OF TRANSNATIONAL RIS3 ROUNDTABLE (Why did you choose to focus on this/these Use Case(s) for your event?)</p> <p>Bring evidence from your alignment discussion in the TIN Working Group + direct insight from Impact Controlling Interviews)</p>	<p>Transnational Round Table brings together various target groups including leaders at the forefront of innovation from many sectors to explore the opportunities for creating global digital future. The event provided to the participants a possibility to:</p> <ul style="list-style-type: none"> • get insight of the digital thinking across CAMI 4.0 topics • discover top industrial technologies & solutions under one roof presented by identified RIS3 Champions and 10 regional DIHs • to explore collaboration between European Digital Innovation Hubs in the network, including trans-national cross-border hubs and corridors • to get inspire how Digital Innovation Hubs as an instrument helps to boost digitalization of companies • to get knowledge about EDIH & Interreg Central Europe calls • to explore the impact of digital transformation on business, technology and society 	



	[Maximum 500 Characters, in English]
<p>STRUCTURE OF EVENT (AGENDA & TOOLS USED TO PROMOTE ENGAGEMENT)</p>	<p>The information and promotion campaign has started 3 weeks before the event. It has included promotion on social media as facebook, linked in, instargram and was accompanied by emailing campaign and direct invitation letters being sent to key stakeholders of the partnering regions. [Maximum 500 Characters, in English]</p>
<p>SUMMARY OF LESSONS LEARNT & FEEDBACK FROM PANEL DISCUSSION EXCHANGE ON THE COMMON ALIGNED POLICY USE CASE</p>	<p>Key reflections & highlights:</p> <ul style="list-style-type: none"> • defining the effective instruments to support the SMEs is a challenge as the companies represent different level of digital technology readiness, they have got different needs and expectations, different challenges and barriers as well as different resource including human resources • from regional authorities and BSO perspective it is important to engage companies in participatory activities addressed to defining smart specializations of the region, as well as for identifying best effective tools and instruments to support them in digitalization • it is important to adjust and tailor the supporting mechanism and financial instruments to company’s needs, but also to simplify the procedures as much as possible to let companies concentrate on doing the business not filling complex documents, without any additional burdens • to undertake effective digital transformation companies need professional support from the organisations like BSO or DIHs to advise them how to plan the transformation process, how and where to absorb funds for dedicated improvements in the company • Business Supporting Organisations and dedicated DIHs - acting as intermediaries - are one of the key actors in co-creating and implementing the Regional Innovation Strategy and pushing digital transformation • creating one common strategy for digital transformation on the European level is a challenge as it has to take into consideration varied interests and dominants of the regions and market based activities • an important factor to success of effective digital transformation is defining the common language • test before invest approach should be introduced to regional smart strategies at the binding requirement for the company before getting the funds for investment (to reduce risk of unsuccessful investments) • coordination the creation of regional innovation strategies on regional levels should lead to elaboration of joint framework of RIS3



	<ul style="list-style-type: none"> establishment of a sustainable transnational Digital Innovation Hubs for RIS3 and merging them with ecosystem of regional innovation significantly increased the exchange knowledge and innovation on the basis of priority technological areas. <p>[Maximum 1000 Characters, in English]</p>
<p>HOW DID THE DISCUSSION BUILD BRIDGES TO LONG TERM POLICY PLANNING IN INDUSTRY 4.0 & ADVANCED MANUFACTURING?</p>	<p>Thanks to exchanging knowledge and best practises of European DIHs and policy makers on transnational level the discussion and project itself supported creation of direct and detailed recommendations for shaping and tailoring RIS3 to technological challenges of the future. The work proved to be very crucial for building success stories of cooperation among DIHs and in the future among eDIHS.</p> <p>Maximum 2000 Characters, in English]</p>
<p>HOW CAN THIS COMMON USE CASE ENHANCE THE COMPETITIVE EDGE OF CENTRAL EUROPE's MANUFACTURING ECO-SYSTEM?</p>	<p>Creating one common strategy for digital transformation on the European level is a challenge as it has to take into consideration varied interests and dominants of the regions and market based activities.</p> <p>[Maximum 1000 Characters, in English]</p>
<p>WHAT ARE THE CONSEQUENCES OF THIS DISCUSSION FOR THE CAPITALIZATION OF A COMMON ALIGNED POLICY USE CASE?</p>	<p>The strength of cooperation built under CEUP2030 and S3HubsinCE projects depends on real involvement of policy influencing decision makers, companies, supporting organisations as BSO, and last but not least DIHs. Boosting regional smart specialisation through digital innovation hubs was possible thanks to deep understanding of mutual needs and binding regulations or procedures, technical requirements as well as availability of human resources and funding. It resulted in Malopolska with delivering a list of recommendations to Malopolska Regional Innovation Strategy based on lessons learnt and collected from companies during both projects.</p> <p>[Maximum 1000 Characters, in English]</p>
<p>WHAT ARE THE NEXT STEPS AND OPPORTUNITIES WHICH EMERGED DURING THE SESSION?</p>	<p>Strong tights between RIS3 actors and DIHs team are crucial for keeping Europe competitive and resilient to technology turbulences. DIHs and EDIHs are well positioned and placed to explain and support companies in digital transformation, educated, and limit the risk of bad investement (value of test before invest). On the other hand DIHs and EDIHs are the right entity to educate, promote and disseminate best practises and lessons learnt in introducing digitalization trends. DIHs and EDIHs should continue its mission on supporting shaping a common transnational roadmap, built on practical pilots to be implemented during the project lifetime. DIHs and EDIHs act as touchpoints for companies, universities, R&D and BSOs.</p> <p>[Maximum 1000 Characters, in English]</p>
<p>ANY OTHER COMMENTS?</p>	<p>[Maximum 500 Characters, in English]</p>

Reporting Element Checklist



Please upload all Evidence in your respective folder on ALFRESCO.	
INVITATION/ SAVE THE DATE	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
AGENDA	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
MINUTES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
LIST OF PARTICIPANTS & TARGET GROUP TYPE	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
IF VIRTUAL, A RECORDING	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
IF VIRTUAL, A SCREENSHOT OF PARTICIPANTS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
IF PHYSICAL, A SIGNED PARTICIPANT LIST	<input type="checkbox"/> Yes <input type="checkbox"/> No
IF PHYSICAL, A GROUP PHOTO	<input type="checkbox"/> Yes <input type="checkbox"/> No
TEMPLATE END	

7.2. RIS 3 Round Table Transnational Event Report by PTP

Administrative Information			
PRIMARY HOSTING PARTNER	PTP		
CONTRIBUTING PARTNER(S)	<input type="checkbox"/> KPT <input checked="" type="checkbox"/> PRO <input type="checkbox"/> PIA	<input type="checkbox"/> IWU <input checked="" type="checkbox"/> KIT <input type="checkbox"/> AFIL	<input type="checkbox"/> SIIT <input checked="" type="checkbox"/> PTP <input type="checkbox"/> PBN <input type="checkbox"/> HAMAG
HOSTING LOCATION OF EVENT	x Online, please specify hosting platform Closing conference of Industry 4.0 and Robotics month DIH Slovenije (dihslowenia.si) x On Site, please specify the location: Šmartinska c.152 Hala 1, 1000 Ljubljana, Slovenia		
NAME OF USE CASE / CAMI4.0 FOCUS OF EVENT (Choose up to four)	Use Case Name		CAMI4.0 Topic
	DIH2 project Technology Transfer Experiment (concrete story of Flexido /TECOS / Polycom XX		Intelligent Production Systems
	XX		Choose an item.
	XX		Choose an item.
DATE OF THE EVENT	15/11/2021		
Attendee & Speaker Analysis			
	Name	Organization	Use Case Role



LIST DISSEMINATION & CAPITALISATION STAKEHOLDERS (CE/EU ORGANISATIONS & ASPs) WHO ATTENDED and/or PRESENTED AT THE MEETING ⁵	(6) Jernej Salecl	General director, Internationalisation, Entrepreneurship and Technology Directorate at Ministry of economic development and technology	Knowledge Receiver
	(7) Dr. Tomaž Boh	General director, Science directorate, Ministry of education, science and sports	Knowledge Receiver
	(8) Roland Sommer	Platform Industry 4.0 (PIA)	Knowledge Facilitator
	(9) Marko Hren	Government office for regional development and European cohesion policy	Knowledge Receiver
	(10)		Choose an item.
LIST OTHER SPEAKERS & PROVIDE USE CASE CONNECTION JUSTIFICATION ⁶	Name	Organization	Justification
	(4) Marko Hren	<i>director Yaskawa Slovenija & Yaskawa Ristro</i>	XX
	(5) Dr. Matjaž Čemažar	<i>Director Domel MAGNA</i>	XX
	(6) Aleš Cantarutti	<i>Director Chamber of commerce and Industry of Slovenia</i>	XX
AUDIENCE BY TARGET GROUP	The total number of registered participants is 29. The event had over 70 participants from over 7 counties from different target groups:		
	<input type="checkbox"/> public authority <input type="checkbox"/> Local public authority		Total: 1

⁵ There is no limit on speakers or attendees. If you'd like to add more, please add a row to the table.

⁶ There is no limit on speakers or attendees. If you'd like to add more, please add a row to the table.



	<input type="checkbox"/> Regional public authority	Total: XX
	<input type="checkbox"/> National public authority	Total: 6
	<input type="checkbox"/> Higher education and research	Total: 4
	<input type="checkbox"/> Education/ Training Centre & Schools	Total: 1
	<input type="checkbox"/> Large Enterprises	Total: 1
	<input type="checkbox"/> SMEs	Total: 5
	<input type="checkbox"/> Business Support Organizations <input type="checkbox"/> other	Total: 11 Total: 41
Content Analysis		
OBJECTIVE AND GOAL OF THE RIS3 ROUND TABLE	To exchanging views on how to engage all stakeholders in the transition to green technologies, increase innovation and productivity, and digital transformation of the industry from the perspective of policymakers, contractors and analysts.	
LOGIC BEHIND CHOSEN COMMON THEME OF TRANSNATIONAL RIS3 ROUNDTABLE (Why did you choose to focus on this/these Use Case(s) for your event?) Bring evidence from your alignment discussion in the TIN Working Group + direct insight from Impact Controlling Interviews)	<p>The roundtable has focused on exchanging views on how to engage all stakeholders in the transition to green technologies, increase innovation and productivity, and digital transformation of the industry from the perspective of policymakers, contractors and analysts. In this roundtable, we brought together the practical conclusions of the first conference to a strategic approach and views of the policymakers.</p> <p>A special focus has been put on:</p> <ul style="list-style-type: none"> - Experiences on current incentives for digitalization and possible improvements - How to support Industry 4.0 and Robotics implementation - Role of the ecosystem in transition to I4.0 and Robotics - Possible ways for the decision-makers to support the implementation of innovation and implementation of technologies - Commercialization of innovations in the field of Robotics and Industry 4.0 - Cross-sector fertilization and collaboration - where and how. 	
STRUCTURE OF EVENT (AGENDA & TOOLS USED TO PROMOTE ENGAGEMENT)	<p>DURATION: 1hr 25min.</p> <ol style="list-style-type: none"> 1. Introductory statement by Simona Knežević Vernon (2.5 min.) 2. Keynote speech: “Austrian experiences in faster prototyping and commercialization of innovation towards Industry 4.0: what best practices from the Platform Industry 4.0?” (5 min.) 3. Topical Tour de table: “What policy to support Industry 4.0 and for which impacts?” (15 min.) 	



	<ol style="list-style-type: none"> 4. Individual questions lines (to each Panelist, see Section 3) (25 min.) 5. Panel discussion on policy support: “What support measures are needed to boost an Industry 4.0 industrial ecosystem?” (15 min.) 6. Q&A open to audience: questions (10 min.) 7. Wrap-up Statements by each Panelist: “In 2 sentences each, share the 2 key take-away statements that you wish the audience to bear in mind from this event” (10 min.) 8. Concluding statement by Pierre Padilla (2.5 min.)
<p>SUMMARY OF LESSONS LEARNT & FEEDBACK FROM PANEL DISCUSSION EXCHANGE ON THE COMMON ALIGNED POLICY USE CASE</p>	<p>We have learned:</p> <ul style="list-style-type: none"> - about the Austrian experience of the Industry 4.0 Platform and what are the opportunities for Slovenia to collaborate with countries from Austria on the topic of smart manufacturing, and how. - Key industrial policy instruments that should be further developed to support Slovenian SMEs in their effort to 1/ commercialize but also 2/ adopt Industry 4.0 technologies and solutions. - Risk capital and industrial policy are increasingly meeting each other. We need risk capital to fund industrial innovations or help companies adopt advanced manufacturing technologies. We have lit up ways to improve the risk capital landscape in Slovenia (currently kind of underdeveloped sector not following/meeting SMEs needs on the market) - How can be robotics tech transfer improved in Slovenia (also, how to foster tech transfer from RD into industry and also how Slovenia should foster “tech export”).
<p>HOW DID THE DISCUSSION BUILD BRIDGES TO LONG TERM POLICY PLANNING IN INDUSTRY 4.0 & ADVANCED MANUFACTURING?</p>	<p>One of the key obstacles that businesses struggle with is instability. We have talked about, how to ensure continuity (programmed tendering system) in Slovenian innovation policy</p> <p>Industry 4.0 deployment needs are numerous. Skills (next level where it makes sense to transfer funding as gap between technology development and human skills is raising=problem), funding... On the RD there was discussion about top-5 not being addressed enough by policymakers accordingly - inadequate measures of support.</p>



<p>HOW CAN THIS COMMON USE CASE ENHANCE THE COMPETITIVE EDGE OF CENTRAL EUROPE'S MANUFACTURING ECOSYSTEM?</p>	<p>Without a successful and internationally competitive economy, we cannot achieve sustainable economic growth, development and, consequently, the strengthening of the well-being of our citizens.</p>
<p>WHAT ARE THE CONSEQUENCES OF THIS DISCUSSION FOR THE CAPITALIZATION OF A COMMON ALIGNED POLICY USE CASE?</p>	<p>This was mainly about exchanging opinions, visions of experiences and examples of good practice. This transfers examples of good practice of political instruments into the environment, leading to faster economic penetration. As there was previously talk in the field of Industry 4.0, there were also bottom-up proposals, or what companies expect from decision-makers, and thus the decision-makers also became acquainted with the needs of the economy.</p>
<p>WHAT ARE THE NEXT STEPS AND OPPORTUNITIES WHICH EMERGED DURING THE SESSION?</p>	<p>In order for Slovenia to successfully implement the double, green and digital transition, it must pursue high goals. By 2030, the share of public funding for research, development and innovation needs to be increased to 1.2% of GDP and in the economy to 2.5% of GDP. There is a need for faster transfer of competencies and good practices from pilot and demo centers to the education system, and to strengthen investments in basic research equipment and the establishment of pilot/demo centers. Slovenia must also pursue the goal of being among the five most successful countries in terms of the development of the digital economy and society by 2030, however similar initiatives of BSO and transnational projects help regional/national policy stakeholder to learn quickly and adapt good practices also from CEUP2030 practices.</p>
<p>ANY OTHER COMMENTS?</p>	<p>Such roundtables are essential to impart knowledge to decision-makers in the design of policies and instruments that bring about a faster economic boom.</p>

<p align="center">Reporting Element Checklist Please upload all Evidence in your respective folder on ALFRESCO.</p>	
<p>INVITATION/ SAVE THE DATE</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>AGENDA</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>MINUTES</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>LIST OF PARTICIPANTS & TARGET GROUP TYPE</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>IF VIRTUAL, A RECORDING</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>



IF VIRTUAL, A SCREENSHOT OF PARTICIPANTS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
IF PHYSICAL, A SIGNED PARTICIPANT LIST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
IF PHYSICAL, A GROUP PHOTO	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
TEMPLATE END	

7.3. RIS 3 Round Table Transnational Event Report by PRO & PIA

Administrative Information			
PRIMARY HOSTING PARTNER	PRO		
CONTRIBUTING PARTNER(S)	<input type="checkbox"/> KPT <input type="checkbox"/> PRO <input checked="" type="checkbox"/> PIA	<input type="checkbox"/> IWU <input type="checkbox"/> KIT <input type="checkbox"/> AFIL	<input type="checkbox"/> SIIT <input type="checkbox"/> PTP <input type="checkbox"/> PBN <input type="checkbox"/> HAMAG
HOSTING LOCATION OF EVENT	<input checked="" type="checkbox"/> Online, please specify hosting platform: Microsoft Teams		
	<input type="checkbox"/> On Site, please specify the location: -		
NAME OF USE CASE / CAMI4.0 FOCUS OF EVENT (Choose up to four)	<i>Use Case Name</i>	<i>CAMI4.0 Topic</i>	
	(5) robominds GmbH	Automation & Robotics	
	(6) Centre de Disseny d'equips Industrials (CDEI-UPC)	Automation & Robotics	
	(7) Joanneum Research Forschungsgesellschaft mbH	Automation & Robotics	
	(8) PRO: IMPROVE!	Automation & Robotics	
	(9) PBN: Teaching and Learning Factory	Automation & Robotics	
DATE OF THE EVENT	21/02/2022		
Attendee & Speaker Analysis			
LIST DISSEMINATION & CAPITALISATION STAKEHOLDERS (CE/EU ORGANISATIONS & ASPs) WHO ATTENDED and/or PRESENTED AT THE MEETING ⁷	<i>Name</i>	<i>Organization</i>	<i>Use Case Role</i>
	(11) Christian Fenk	Robominds GmbH	Knowledge Supplier
	(12) David Caballero Flores	Centre de Disseny d'equips Industrials (CDEI-UPC)	Knowledge Supplier
	(13) Mathias Brandstätter	Joanneum Research Forschungsgesellschaft mbH	Knowledge Supplier
	(14) Akkaladevi Sharath Chandra	Profactor GmbH	Knowledge Facilitator

⁷ There is no limit on speakers or attendees. If you'd like to add more, please add a row to the table.



	(15) Regina Rosta-Pethó	Pannon Business Network Association	<i>Knowledge Facilitator</i>																
LIST OTHER SPEAKERS & PROVIDE USE CASE CONNECTION JUSTIFICATION⁸	<i>Name</i>	<i>Organization</i>	<i>Justification</i>																
	(7) Christian Wögerer	Profactor GmbH	CEUP 2030 PP																
	(8) Oswald Adrian Bratu	Profactor GmbH	CEUP 2030 PP																
AUDIENCE BY TARGET GROUP	<p><i>Total Number of Attendees: 31</i></p> <p><i>Below, please select to which target group did participants belong and quantify number of attendees.</i></p> <table border="1"> <tr> <td><input type="checkbox"/> Local public authority</td> <td><i>Total: 0</i></td> </tr> <tr> <td><input type="checkbox"/> Regional public authority</td> <td><i>Total: 0</i></td> </tr> <tr> <td><input type="checkbox"/> National public authority</td> <td><i>Total: 0</i></td> </tr> <tr> <td><input checked="" type="checkbox"/> Higher education and research</td> <td><i>Total: 10</i></td> </tr> <tr> <td><input type="checkbox"/> Education/ Training Centre & Schools</td> <td><i>Total: 0</i></td> </tr> <tr> <td><input checked="" type="checkbox"/> Large Enterprises</td> <td><i>Total: 6</i></td> </tr> <tr> <td><input checked="" type="checkbox"/> SMEs</td> <td><i>Total: 11</i></td> </tr> <tr> <td><input checked="" type="checkbox"/> Business Support Organizations</td> <td><i>Total: 4</i></td> </tr> </table>			<input type="checkbox"/> Local public authority	<i>Total: 0</i>	<input type="checkbox"/> Regional public authority	<i>Total: 0</i>	<input type="checkbox"/> National public authority	<i>Total: 0</i>	<input checked="" type="checkbox"/> Higher education and research	<i>Total: 10</i>	<input type="checkbox"/> Education/ Training Centre & Schools	<i>Total: 0</i>	<input checked="" type="checkbox"/> Large Enterprises	<i>Total: 6</i>	<input checked="" type="checkbox"/> SMEs	<i>Total: 11</i>	<input checked="" type="checkbox"/> Business Support Organizations	<i>Total: 4</i>
<input type="checkbox"/> Local public authority	<i>Total: 0</i>																		
<input type="checkbox"/> Regional public authority	<i>Total: 0</i>																		
<input type="checkbox"/> National public authority	<i>Total: 0</i>																		
<input checked="" type="checkbox"/> Higher education and research	<i>Total: 10</i>																		
<input type="checkbox"/> Education/ Training Centre & Schools	<i>Total: 0</i>																		
<input checked="" type="checkbox"/> Large Enterprises	<i>Total: 6</i>																		
<input checked="" type="checkbox"/> SMEs	<i>Total: 11</i>																		
<input checked="" type="checkbox"/> Business Support Organizations	<i>Total: 4</i>																		
Content Analysis																			
OBJECTIVE AND GOAL OF THE RIS3 ROUND TABLE	<p><i>The goal of the international RIS3 Round Table was to gather stakeholders in the area of Robotics & Automation in order to discuss new developments in the topic. On the one hand, this includes new business projects and companies (startups), on the other hand this also includes international research projects (like CEUP 2030 or IMPROVE!) as well as local and cross-boarder research initiatives. The purpose of the event was to get the stakeholders together in order to initiate further cooperation and to pursue CEUP 2030's flagship projects.</i></p>																		
LOGIC BEHIND CHOSEN COMMON THEME OF TRANSNATIONAL RIS3 ROUNDTABLE <i>(Why did you choose to focus on this/these Use Case(s) for your event?)</i>	<p><i>The use cases chosen reflect the diversity of projects in the area of Robotics & Automation in Central Europe: More and more, robots are used in manufacturing products, therefore, start-ups are being founded in this area. Also, university research and applied science works increasingly with robots and automation. This situation is reflected in the choice of the use cases for this event.</i></p>																		
Bring evidence from your alignment	<p><i>The discussions in the TIN Working Group have shown that there is a need to also connect the different public and private</i></p>																		

⁸ There is no limit on speakers or attendees. If you'd like to add more, please add a row to the table.



<p><i>discussion in the TIN Working Group + direct insight from Impact Controlling Interviews)</i></p>	<p><i>initiatives to project like CEUP 2030 itself and to do so transnationally. Therefore, international stakeholders were invited to the event, as speakers and as participants.</i></p>
<p>STRUCTURE OF EVENT (AGENDA & TOOLS USED TO PROMOTE ENGAGEMENT)</p>	<p><i>The event was conducted in two phases: Firstly, interested use cases were presented for showing the participants the potential and status quo in Robotics & Automation. Afterwards, in the second phase, the use cases were connected to different projects that are currently being implemented in Central Europe.</i></p> <p><i>The format of “Industry Talks” was chosen as the GMAR community, with whom this event was being organized and who is heavily interested and connected in the realm of robotics and automation, is already familiar with the format.</i></p>
<p>SUMMARY OF LESSONS LEARNT & FEEDBACK FROM PANEL DISCUSSION EXCHANGE ON THE COMMON ALIGNED POLICY USE CASE</p>	<p><i>Central Europe is quite well positioned when it comes to the adoption of Robotics & Automation. However, there is still a lot of homework to be done - which was also reflected in the panel discussion. The international projects that were presented in the event are taking on specific challenges and aim at connecting different players and communities. To see what is happening within those projects was a very relevant learning for all the participants.</i></p> <p><i>As this was a transnational RIS3 Round Table, it was possible to see what other countries and regions are working on and to discover, that there are very similar approaches happening in different places. For instance, the Teaching and Learning Factory that is being built in Hungary can be connected to similar initiatives in Austria, the Czech Republic or Slovakia.</i></p> <p><i>As the common aligned policy use case will be a cross-border use case, the inputs received during the event can be used in the design of the specifications of the use case.</i></p>
<p>HOW DID THE DISCUSSION BUILD BRIDGES TO LONG TERM POLICY PLANNING IN INDUSTRY 4.0 & ADVANCED MANUFACTURING?</p>	<p><i>The CAMI 4.0 topics of CEUP 2030 are highly connected, which was showcased once again in the event. For instance, Robotics & Automation and Artificial Intelligence (AI) often build on each other, robots that are enhanced with AI could be a major driver for innovation in the future.</i></p> <p><i>This has to be reflected when it comes to policy planning, e.g. in the area of subsidies: There are many technology-specific policy instruments that exist already. However, they very often focus on a certain technology, topics that connect different technologies cannot be fit into a specific category.</i></p> <p><i>Connecting and bridging different technologies can be a major advantage for Central European policy instruments in the future.</i></p> <p><i>Another topic that was discussed is the, very often already successful, collaboration between research & industry. Innovation can be tested and evaluated on an academic level,</i></p>



	<p><i>before it is ready for broad market adoption. It was good to see good practice examples on this form of collaboration.</i></p>
<p>HOW CAN THIS COMMON USE CASE ENHANCE THE COMPETITIVE EDGE OF CENTRAL EUROPE'S MANUFACTURING ECO-SYSTEM?</p>	<p><i>As mentioned above, collaboration in the area of Robotics and Automation can be very fruitful: The same technologies are being purchased and used in different regions of Central Europe. Using synergies when doing so can help all project partners, especially in times of global uncertainty and budgetary restrictions.</i></p> <p><i>When it comes to certain technologies, Europe can further collaborate and expand its global role as a leader in Robotics. For instance, autonomous and mobile robotics (shown in one use case) will be a technology that will be further used in the future. A common CEUP 2030 use case could build on the existing strengths in the region.</i></p>
<p>WHAT ARE THE CONSEQUENCES OF THIS DISCUSSION FOR THE CAPITALIZATION OF A COMMON ALIGNED POLICY USE CASE?</p>	<p><i>As mentioned, the first part of the event was focused on good practices and updates on current developments in the area of robotics. This know-how can be further used to create the common aligned policy use case.</i></p> <p><i>Seeing the work of the international projects in the second part of the event supports the CEUP 2030 Project Partners in connecting their planned activities to what is currently happening in collaboration projects in Central Europe.</i></p>
<p>WHAT ARE THE NEXT STEPS AND OPPORTUNITIES WHICH EMERGED DURING THE SESSION?</p>	<p><i>The logical next step for all the participants is to foster collaboration with the different partners that attended this event. As CEUP 2030 is coming to its end, further collaboration is crucial in order to keep the connection and networks that have been built, especially throughout WPT2.</i></p> <p><i>Also, further steps towards a common policy use case are to be implemented. Common projects, e.g. through the European Digital Innovation Hubs, are an opportunity that emerged in the session.</i></p>
<p>ANY OTHER COMMENTS?</p>	<p><u>Link</u> to the registration website for the event</p>

Reporting Element Checklist <i>Please upload all Evidence in your respective folder on ALFRESCO.</i>	
<p>INVITATION/ SAVE THE DATE</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>AGENDA</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>



MINUTES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
LIST OF PARTICIPANTS & TARGET GROUP TYPE	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
IF VIRTUAL, A RECORDING	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
IF VIRTUAL, A SCREENSHOT OF PARTICIPANTS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
IF PHYSICAL, A SIGNED PARTICIPANT LIST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
IF PHYSICAL, A GROUP PHOTO	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
TEMPLATE END	



7.4. RIS 3 Round Table Transnational Event Report by AFIL

Administrative Information			
PRIMARY HOSTING PARTNER	AFIL		
CONTRIBUTING PARTNER(S)	<input checked="" type="checkbox"/> KPT <input type="checkbox"/> PRO <input checked="" type="checkbox"/> PIA	<input type="checkbox"/> IWU <input checked="" type="checkbox"/> KIT <input checked="" type="checkbox"/> AFIL	<input type="checkbox"/> SIIT <input type="checkbox"/> PTP <input checked="" type="checkbox"/> PBN <input type="checkbox"/> HAMAG
HOSTING LOCATION OF EVENT	<input checked="" type="checkbox"/> Online, please specify hosting platform: GoToMeeting <input type="checkbox"/> On Site, please specify the location: -		
NAME OF USE CASE / CAMI4.0 FOCUS OF EVENT (Choose up to four)	<i>Use Case Name</i> The event focuses on AI needs, barriers and challenges to be addressed in the common flagship. PBN individual flagship AFIL individual flagship	<i>CAMI4.0 Topic</i> Artificial Intelligence Artificial Intelligence Artificial Intelligence	
DATE OF THE EVENT	10/03/2022		
Attendee & Speaker Analysis			
LIST DISSEMINATION & CAPITALISATION STAKEHOLDERS (CE/EU ORGANISATIONS & ASPs) WHO ATTENDED and/or PRESENTED AT THE MEETING¹	<i>Name</i>	<i>Organization</i>	<i>Use Case Role</i>
	(1) Joan Mas	Eurecat, Catalonia Region	Knowledge Facilitator
	(2) Gustavo Dalmarco	INESC TEC, Norte Region	Knowledge Facilitator
	(3) Wim De Kinderen	Brainport AI Hub, South Netherlands Region	Knowledge Facilitator
	(4) Giacomo Copani	AFIL, Lombardy	Knowledge Supplier
	(5) Dan Martin	PBN, Hungary	Knowledge Supplier
LIST OTHER SPEAKERS & PROVIDE USE CASE CONNECTION JUSTIFICATION²	<i>Name</i>	<i>Organization</i>	<i>Justification</i>
	(1) Christian Inzko	CEO of IoT40, Austria	This are industrial stakeholders reporting some best practices/use-cases and discussing challenges, barriers and recommendations useful to evaluate and enrich CEUP2030 flagships.
	(2) Stefano Ierace	Chief Operating Officer Intellimech, Lombardy	
	(3) Alessandro Liani	CEO Video Systems srl, Friuli Venezia Giulia	



<p>AUDIENCE BY TARGET GROUP</p>	<p><i>Total Number of Attendees: 21</i></p> <p><i>Below, please select to which target group did participants belong and quantify number of attendees.</i></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 80%;"><input type="checkbox"/> Local public authority</td> <td style="width: 20%; text-align: right;"><i>Total: -</i></td> </tr> <tr> <td><input type="checkbox"/> Regional public authority</td> <td style="text-align: right;"><i>Total: -</i></td> </tr> <tr> <td><input type="checkbox"/> National public authority</td> <td style="text-align: right;"><i>Total: -</i></td> </tr> <tr> <td><input checked="" type="checkbox"/> Higher education and research</td> <td style="text-align: right;"><i>Total: 5</i></td> </tr> <tr> <td><input type="checkbox"/> Education/ Training Centre & Schools</td> <td style="text-align: right;"><i>Total: -</i></td> </tr> <tr> <td><input type="checkbox"/> Large Enterprises</td> <td style="text-align: right;"><i>Total: -</i></td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td><input checked="" type="checkbox"/> SMEs</td> <td style="text-align: right;"><i>Total: 6</i></td> </tr> <tr> <td><input checked="" type="checkbox"/> Business Support Organizations</td> <td style="text-align: right;"><i>Total: 10</i></td> </tr> </table>	<input type="checkbox"/> Local public authority	<i>Total: -</i>	<input type="checkbox"/> Regional public authority	<i>Total: -</i>	<input type="checkbox"/> National public authority	<i>Total: -</i>	<input checked="" type="checkbox"/> Higher education and research	<i>Total: 5</i>	<input type="checkbox"/> Education/ Training Centre & Schools	<i>Total: -</i>	<input type="checkbox"/> Large Enterprises	<i>Total: -</i>	<hr/>		<input checked="" type="checkbox"/> SMEs	<i>Total: 6</i>	<input checked="" type="checkbox"/> Business Support Organizations	<i>Total: 10</i>
<input type="checkbox"/> Local public authority	<i>Total: -</i>																		
<input type="checkbox"/> Regional public authority	<i>Total: -</i>																		
<input type="checkbox"/> National public authority	<i>Total: -</i>																		
<input checked="" type="checkbox"/> Higher education and research	<i>Total: 5</i>																		
<input type="checkbox"/> Education/ Training Centre & Schools	<i>Total: -</i>																		
<input type="checkbox"/> Large Enterprises	<i>Total: -</i>																		
<hr/>																			
<input checked="" type="checkbox"/> SMEs	<i>Total: 6</i>																		
<input checked="" type="checkbox"/> Business Support Organizations	<i>Total: 10</i>																		
Content Analysis																			
<p>OBJECTIVE AND GOAL OF THE RIS3 ROUND TABLE</p>	<p>The AI RIS3 RoundTable objective was to discuss initiatives promoted at regional level to support the development of AI-based technologies and solutions, also referring to CEUP flagships. Furthermore, the presence of industrial speakers showing some use-cases allowed to start a discussion on their current needs and possible recommendations to policy makers, collecting useful information to be used in the definition of common CEUP flagship. In order to reach this goal, the Roundtable has been organized in two different sessions and involved different types of speakers able to show and discuss both topics.</p>																		
<p>LOGIC BEHIND CHOSEN COMMON THEME OF TRANSNATIONAL RIS3 ROUNDTABLE <i>(Why did you choose to focus on this/these Use Case(s) for your event?</i></p> <p><i>Bring evidence from your alignment discussion in the TIN Working Group + direct insight from Impact Controlling Interviews)</i></p>	<p>The event was specifically focused on AI tools and industrial applications in order to collect info on the regional expertise and ongoing initiatives related to the development of AI-driven solutions. In particular, PBN, AFIL and PIA have been directly involved presenting their AI use-cases and regional AI-driven applications.</p> <p>The structure of the AI RIS3 RoundTables has been discussed within the AI meetings for the Common Policy Use Case in order to set up an event that was aligned with project needs. During the event, partners collect best practices and recommendations on available policy tools and current challenges. Furthermore, all partners have been invited to provide inputs and speakers in order to show their specific use-cases. KPT provided an initial presentation on CEUP2030 project and KIT moderated the first Roundtable. The participation and presentations of CEUP2030 partners (PBN, AFIL and PIA) have been compared also with the experiences coming from other regions, trying to inspire the partners for the definition of a Common Policy Use Case.</p>																		
<p>STRUCTURE OF EVENT (AGENDA & TOOLS USED TO PROMOTE ENGAGEMENT)</p>	<p>The event has been structured in three main phases:</p> <ul style="list-style-type: none"> • The presentation of CEUP2030 project in terms of activities, achievements, and possible impacts, • A first RoundTable more oriented to regional ongoing initiatives in order to discuss the different approaches, strategies and available supporting tools put in place by different regions • A second RoundTable addressing industrial stakeholders, who presented real industrial applications of AI technologies and 																		



	<p>compared their experiences on current challenges, relationship with the institutions and recommendations.</p> <p>In order to promote the discussion, the questions have been shared in advance with the panelists and they also have the opportunity to present the main activities on AI through brief introductory presentations of 5 minutes.</p>
<p>SUMMARY OF LESSONS LEARNT & FEEDBACK FROM PANEL DISCUSSION EXCHANGE ON THE COMMON ALIGNED POLICY USE CASE</p>	<p>The two main lessons learnt, particularly emerged during the second RoundTable from industrial stakeholders were:</p> <ol style="list-style-type: none"> 1. the different types of challenges connected with the implementation of AI-driven solutions, not only at <i>technological level</i> when the algorithm should be developed and customized according to the specific application. There is also a <i>social impact</i> related to the management of data (for example GDPR during the implementation of machine-vision solutions) and a lack of competences in the industrial ecosystems able to manage the implementation of AI technologies. This was a significant variable to be considered within the CEUP2030 Common Policy Use Case because highlighted the importance to consider all the different aspects related to AI topics, not only the increase of awareness on technological benefits obtained through the application of this kind of technologies. 2. On the other hand, the added value of AI-related technologies should not be considered a priori but should be carefully evaluated in order to develop solutions that could be realistically implemented on an industrial environment. The AI technology, in order to be sustainable, should support critical tasks that generally require too much time or efforts when performed manually or that record a high number of defects and criticalities at the end of the process. Also this information could be useful for the definition of the CEUP2030 Common Policy Use Case.
<p>HOW DID THE DISCUSSION BUILD BRIDGES TO LONG TERM POLICY PLANNING IN INDUSTRY 4.0 & ADVANCED MANUFACTURING?</p>	<p>The discussion highlighted the main regional interests and topics related to the development and adoption of innovative AI solutions. It shows the strong commitment of regions for this topic, implementing policy tools and promotive initiatives and activities within their regional programs and strategies.</p> <p>The RIS3 AI RoundTable represented a first step for the alignment of the different regions to build bridges and to promote future collaborations in long term policies. A common understanding of the topics, the challenges, the level of maturities and the available technologies and solutions, as well as the sharing of different points of views, is essential and significant at this stage.</p>
<p>HOW CAN THIS COMMON USE CASE ENHANCE THE COMPETITIVE EDGE OF CENTRAL EUROPE'S MANUFACTURING ECO-SYSTEM?</p>	<p>The presence and active participation of other regions outside Central Europe in the RIS3 RoundTable (i.e. South Netherlands, Norte and Catalonia) allowed to share best practices and ongoing policy tools to be transferred and applied also in CE.</p> <p>The Common Policy Use Case developed within CEUP2030 project, in fact, should increase the competitiveness of CE manufacturing ecosystem increasing the awareness of the benefits due to the development and application of AI-driven solutions in industrial environments. The second RoundTable, discussing real applications by industrial key players, promoted an open mindset and demonstrated the advantages of AI. Concepts such as cross-sectorial contamination and active collaborations among technology providers and industrial end-users were highlighted.</p> <p>In the first Roundtable, instead, useful policy tools and current initiatives promoting innovation on AI topics have been discussed. The support of institution is fundamental for the adoption of AI-driven solutions and, if aligned with the challenges and needs of industrial stakeholders, increase the regional competitiveness.</p>



<p>WHAT ARE THE CONSEQUENCES OF THIS DISCUSSION FOR THE CAPITALIZATION OF A COMMON ALIGNED POLICY USE CASE?</p>	<p>The discussion within the RIS3 RoundTable acted as input for the definition of the Common Policy Use Case and recommendations and best practices shared during the presentation will be properly integrated. The main points that have been included in the concept of the Common Policy Use Case according to the RoundTable discussion were:</p> <ul style="list-style-type: none"> • The importance of the involvement of SMEs, that usually are not aware of the benefits of AI technologies. The increase of awareness through the demonstration of practical use-cases as well as the evidence of the current available opportunities at policy level are fundamental to involve them. • The promotion of synergies and collaborations, because there are lots of initiatives, supporting tools, projects and activities on AI topics within the Lombardy region, in CE countries but also in all Europe. The integration and cooperation of all those initiatives could allow a faster progress and reduce fragmentation. • The role of institutions is significant. Currently, most European regions identified AI as a key topic and integrate it, in terms of digitalization and Industry4.0, in regional and national strategies. It means that different policy tools and funding opportunities are available for research and industrial transfer of this technology.
<p>WHAT ARE THE NEXT STEPS AND OPPORTUNITIES WHICH EMERGED DURING THE SESSION?</p>	<p>Different opportunities have been shown during the event, here summarized for the different regions:</p> <ul style="list-style-type: none"> • Lombardy Lombardy Roadmap of AI, that is the CEUP2030 flagship of AFIL, could represent a best practice, where clusters and associations collect current challenges and needs of regional ecosystem to guide and align the institutions in the development of future policies. Also, European projects having Open Calls, such as AI REGIO, or European initiatives covering AI topics, such as Vanguard, represent a good starting points to promote inter-regional collaborations and exploit existing synergies among different European regions. • Norte The collaboration among regions is promoted through the development of AI solutions in European projects (e.g. AI REGIO), as well as the organization of events and industry and innovation labs to showcase advanced technologies developed in National or European R&D projects. Several possibilities for collaboration are given by existing AI initiatives, such as EUH4.0 or AI DIH network. • Catalonia Different training focused on different needs (e.g. explaining trends, possible applications in different sectors, AI State of Art solutions, real AI implementation in industrial environments and ethical and legal framework connected to the topic) allows to map the regional expertise and capabilities and to develop White Papers. It could be replicated in other regions as good methodology and promote the regional positioning of Catalonia, clearly identifying how to collaborate and on what specific topics. • Hungary The AI Working Group in Danube Region already represents a strong initiative of collaboration among different countries (AT, BG, CZ, DE, HU, HR, MD, RO, SI). Also in this case, the objective is the creation of a White Paper able to address the institutions towards the implementation of a proper strategy and the development of supporting policy tools for the



	<p>progress of activities and the submission of collaborative and innovative projects on AI.</p> <ul style="list-style-type: none"> • <i>South Netherlands</i> The national AI innovation network is based on the collaboration and creation of network of different regional AI-Hubs that are responsible to build and strengthen the regional ecosystem/community and to collaborate with other Hubs on vertical pillars, that means specific application areas. In this case, the concept of a regional one-stop-shop emerged, as discussed also in CEUP2030 AI Common Use-Case.
ANY OTHER COMMENTS?	Registration can be found here .

Reporting Element Checklist	
<i>Please upload all Evidence in your respective folder on ALFRESCO.</i>	
INVITATION/ SAVE THE DATE	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
AGENDA	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
MINUTES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
LIST OF PARTICIPANTS & TARGET GROUP TYPE	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
IF VIRTUAL, A RECORDING	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
IF VIRTUAL, A SCREENSHOT OF PARTICIPANTS	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
IF PHYSICAL, A SIGNED PARTICIPANT LIST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
IF PHYSICAL, A GROUP PHOTO	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
TEMPLATE END	