

COACHING GUIDANCE FOR INVOLVED CAMI4.0 STAKEHOLDERS ON TIN & PID IN CE/EU POLICY CONTEXT

Version 1.0

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D.T2.4.1 - Guidance document to extend qualitative & quantitative impact controlling & evaluation to WP2 TINs & PID.





Document Control

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PP	Restricted to other programme participants	
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Document History			
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21.08.2020	1.2	SIIT	Second draft, shared with PPs for revision
05/10/2020	1.3	SIIT	Finale version , with revision from the consortium



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. Main project results

The main results of the projects are the 6 outputs contributing to the result indicator by setting up a stable network for trend monitoring on CAMI4.0 topics as well as the RIS3 Round Tables both fostering innovation in a regional and transnational context. For immediate cooperative innovation learning, the Policy Learning Labs & the Tech Radars/PID fit to the indicator. For a mid-term and long-term anchoring, the Strategy & Boost and the Policy Framework for 2021-2027 also contributes. The expected change at the territorial level will be noticeable by aligning structures & processes for a stable, future robust tech & innovation policy implementation scheme lasting far beyond project’s end & by integrating consequently stakeholders across Europe for strengthening CE. CEUP 2030 improves the situation of target groups through a deep-dive integration in both working group structure (TIN, RIS RT) & in the cooperative learning of the PLLs. In general, the project assures sustainability of outputs/results during project duration by the number of involved top level stakeholders & proven quality of PPs and their ASPs. After project’s end there will be an agreed capitalization agenda & a long-term validity stated in the Policy Framework 2021-2027 (political) and the subsequent action plan (financial). PLLs, TINs & RIS3 RTs will stay as network organizations from the triple-helix stakeholders (institutional). The outputs/results of CEUP 2030 can & will be transferred to additional target audiences/territories during project lifetime anyway (e.g. TIN/PID/PLL on 5 conferences, using 3 EU Presidencies, working groups from DGs, Vanguard, EFFRA, etc.). Also, beyond CEUP 2030 it is planned and will be agreed to foster a strong transfer scheme (Policy Framework 2021-2027).

1.3. Work Package and Activity Overview

The overall objective of WPT2 is to upgrade and establish strong partnerships around the 4 main CAMI4.0 topics in order to raise awareness and ensure a shared sustainable



responsibility on using RTI knowledge resources in CE/EU for enhancing policy decision support. This will be pursued by establishing sustainable structures of stakeholders called Trend Innovation Networks (TIN) as well as practicable, efficient policy tools, the so-called Policy Intelligence Dashboard (PID). Both those instruments will be exploited by the partners to select and channel appropriate decision-relevant information out of the daily big data cloud, assess it and provide understandable knowledge in a compact and high-quality format.

Practically speaking, in each partner region a TIN will be established and it will work on future foresight, technology trend monitoring and scouting. These activities will also feed the PID with the gained data to produce Tech Radars and other insights able to support decision making.

The specific activity which is of relevance for this document is Activity T2.4, the development of the methodology for Impact Controlling & Evaluation of TINs & PID to optimise & streamline elaborated data for decision making to gain best results for CAMI4.0 excellence.

Table 1 A.T2.4 Deliverables

Outputs: WPT2 - A.T2.4 Impact Controlling (06.2020-11.2021)	
1. Coaching guidance for involved CAMI4.0 stakeholders on TIN & PID in CE/EU policy context (SIIT) [08.2020]	Design of WPT2 impact controlling system, linked to global impact controlling scheme
	PPs strategy to re-engage peer review group & extend review group (1/per TIN/PP - 40 total) & feedback mechanisms during activities & dissemination processes
	Guidance document to extend qualitative & quantitative impact controlling & evaluation to WPT2 TINs & PID
2. Interim Evaluation & Impact Assessment Report on TIN and PID in a CE/EU policy context (SIIT) [02.2021]	Engagement of peer reviewers
	Strengthening of the TIN/PID outputs through collection of feedbacks from peer reviewers.
	1 solid interim report on first insights on peer review and test group feedbacks
3. Final Evaluation & Impact Assessment Report on TIN and PID in a CE/EU policy context (SIIT) [11.2021]	Shared sustainable ownership on the RTI strategic positioning in CE territories
	WPT2 final outputs collection and analysis
	1 final report, that brings all reviewers feedback together, and draws common conclusions



1.4. Impact Controlling System Overview

Impact Controlling System is a cross cutting activity where partners work together to determine a methodology and associated tools to monitor and measure the impact that the project has made on meeting its objectives. The developed methodology is a combination of qualitative and quantitative attributes which will be assessed across the lifecycle of the project.

Qualitative attributes are a series of questions that can be asked to a chosen group of Peer Reviewers, across the project's development; whilst **quantitative attributes** are based on project numerical indicators that are associated to connecting with Target Groups generally, and meeting content-relevant deliverables on a work package by work package basis.

The methodology is accompanied by an in IT based tool, in the form of a group-accessible Excel sheet, which can be used to track and update information from Partners and their peer reviewers about the impact of the project on reaching its desired goals.

1.5. Scope of Document & Deliverable Summary

This document contains the guidance on how to perform Activity T2.4. It gives further details on the steps and processes that the CEUP 2030 partnership should take to identify outputs and results to extend qualitative & quantitative impact controlling and better evaluate the relevance of the CEUP2030 TINs & PIDs.

This document is directed to project partners and all of them are asked to contribute to the creation of a common guidance to extend qualitative and quantitative impact controlling and evaluation of TINs and PID identifying proper methodology and tools to be implemented during the project duration for the realisation of WPT2 Outputs.

1.6. Change Control Procedure & Structure

The Deliverable Responsible: SIIT Scpa Sistemi Intelligenti Integrati Tecnologie (SIIT/PP7), created this impact assessment document which is hosted on the Project's common repository in the appropriately named deliverable folder ([D.T2.4.1 Coaching guidance for involved CAMI4.0 stakeholders on TIN & PID in CE/EU policy contex](#)).

The document is under project deliverable change control protocols whereby partners are requested to give feedback on the draft version according to the timing proposed in the final section of this document. Feedback will be incorporated and the final version will be issued by SIIT.

At any time, partners believe a project methodology should change, the request should be brought to the Deliverable Responsible and the Work Package Leader (SIIT/PP7) to consolidate feedback from other partners, and then further integrate and disseminate the final agreed changes. A new version of the document should be created, and recorded in the document's "Document History" table.



Abbreviations

Abbreviation	Explanation
AF	Application Form
ASP	Associated Partner (i.e. Strategic Partner)
CAMI4.0	Central European Advance Manufacturing and Industry 4.0
KACE	Key Axis for Central Europe
TIN	Trend and Innovation Network
PID	Policy Intelligence Dashboard
PLL	Policy Learning Lab
PP	Project Partner
TTTDM	TINs Trend & Technology dialogue meetings
RIS3	Regional Innovation Strategy for Smart Specialisation
S3	Smart Specialisation Strategy



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2. Introduction

The purpose of this guidance document is to provide information to the CEUP 2030 Partnership on how to complete Activity A.T2.4 - “Impact Controlling & Evaluation of TINs & PID to prove Strategy & Policy Relevance”. As already mentioned in [D.T1.4.1](#), Impact Controlling System is a cross cutting activity where partners work together to determine a methodology and associated tools to monitor and measure the impact that the project has made on meeting its objectives; this activity is common to all the CEUP2030 work packages. In particular, this guidance document takes the following structure:

Key Background Information - which provides:

- CEUP 2030 Requirements related to Target Group
- CEUP 2030 Requirements related to Thematic Result Indicators
- Guiding principles

Activity Flow, which provides:

- the impact controlling system and process which will be in place for the duration of WPT2,
- the interview scheme obligations (event survey and peer to peer interviews) to create the summarized evidence of the peer review interview and which tool to use for the scheme;
- sets the deadlines to run evaluation and interviews to meet the summarized evidence requirements in advance of the Interim report deadline and Final report deadline.

Conclusion and Next Steps, which provides:

- short summary of the document;
- next steps supported by time-plan and deadlines

Annexes, which provides:

- Templates for WPT2 impact assessment



3. Key Background Information

The meaning of impact controlling and the aims of peer reviewers have been explained thoroughly in [D.T.1.4.1 Coaching guidance on impact controlling for the involved CAMI4.0 stakeholders](#) Section 2.2 and 2.3.

3.1. CEUP 2030 Requirements related to Target Group

The selected institutions, organizations, companies should contribute with a high impact to the project implementation and their capitalization, strategic anchoring as well as to a high-quality communication of gained project results. At the same time these indicators are to be kept in mind for impact monitoring of quantitative indicators

- Local public authority - 20
- Regional public authority - 20
- National public authority - 7
- Interest Groups, including NGOs - 10
- Higher education and research - 30
- Education/training center and school - 10
- Large enterprises - 20
- SME - 80
- Business support organizations - 20

While implementing WPT2, Partners should carefully consider how to identify and involve them to add value to each project activity,

Target Groups can, and should be included in project content work (such as attendees at TINs or included in strategic Action Planning process), as Peer Reviewers, and as general attendees at workshops and strategic alignment activities. They are counted institution by institutions (each institution should count once - not on a person by person basis!)

Target groups	Please further specify the target groups see examples in annex 4 of the application manual (classification of target groups)	Target value Please indicate the size of the target group the project aims to actively involve.
Local public authority	Local & municipal authorities associated to innovation & technology support initiatives will be engaged in the project 10 from PPs area and a further 10 from complementary areas (e.g. Graz, Salzburg, Bratislava, Brno, Jena)	20,00
Regional public authority	Regional ministries of economy, technology, innovation & industry will be engaged from 10 PP regions + 10 further regions which provide critical synergy to promote the CEUP 2030 Framework of Excellence vision (e.g. Styria, Thuringia, South Tyrol, etc.)	20,00
National public authority	National ministries or delegated & policy-relevant agencies will be involved from PPs associated country. Focus will be on incorporating National S3 coordinating ministries, leveraging off of engaged Associated Partners.	7,00
Interest groups including NGOs	Via Members, Owners & founders of PPs Interest Groups will be brought into the partners approximately 10 PPs. Interest groups engagement deepen understanding about impact on industry/labour/technology innovation generally.	10,00
Higher education and research	Through HESR, innovation to promote the PID & TINs become more future-foresight orientated. Critical connections with this Target Group is key, therefore each PP engages 3 from their networks to enhance thematic discussions within project life cycle.	30,00
Education/training centre and school	Each PP will identify one ETC&S to support transferability & sustainability of PID tool use, focusing on an integrative approach which connects to training centres to promote interdisciplinary teaching methods for the four topics.	10,00
Large enterprises	LEs will be involved, especially through use-case development & to showcase practical relevancy industrial impact from these target technologies (Each PP engages 2 LEs, gaining a collaboration pool in Robotics, Materials, Big Data/Sensors & AI).	20,00
SME	SMEs, especially those within PP networks, will be included to showcase practical relevancy of targeted growth support mechanisms associated to the technology areas (Each PP engages 4, approx. 2 with a business model/tech area)	80,00
Business support organisation	PPs & networks engage regularly with BSOs (technology parks, clusters), these multiplying organisations will be involved in TIN discussion & further in RIS3 Roundtables. PPs each bring 2 BSOs into the CEUP 2030 activities.	20,00

Figure 1 Target Groups of CEUP 2030 (Source: AF, 2018; pg 63)

3.2. CEUP 2030 Requirements related to Thematic Result Indicators

Thematic Result Indicators are relevant for the full project. However, there are contributions to these indicators through the thematic work in the project’s work packages. The following thematic result indicator should be monitored whilst implementing WPT2:

Number of institutions applying new and/or improved tools and services	Institutions	40,00	At least 40 (4/PP) institutions are involved in applying & testing the Policy Intelligence Dashboard (OT2.1); these institutions are incorporated in the 4 TINs discussions & furtheron in the RIS3 Roundtables, to brainstorm upstreaming this insight into policy-implementation action.
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Figure 2 Specific Indicators for WPT2



These stakeholders will be policy-relevant individuals working for triple helix organizations which have influence on the regional, national and transnational development of CAMI4.0 topics (from public authorities to interest groups/NGOs with key influence over advanced manufacturing / industrial digitization or Industry 4.0).

3.3. Guiding principles

It is useful to develop some guiding principles to ensure that impact controlling is relevant, useful, timely, and credible. Some examples might include making sure the collected information is:

- **focused and feasible** in relation to available resources so that it supports, rather than diverts, resources from action (i.e. focus information collection on what ‘needs to be known’, not on what would be ‘nice to know’);
- **useful and timely** information to improve group learning, group decision making, and project design;
- **useable** by, and/or comparable to, data collected by other stakeholders so it contributes to the wider evidence base. Also, to be easily comparable to other project impact assessment activities;
- **credible, valid and reliable** to the extent possible within available resources;
- **ethical** e.g. in relation to data consent and protection.



4. Activity Flow

4.1. Concept

Figure 3 (from [D.T2.1.1 - Guidance on harvesting Agenda on cami4.0 for TINs & Policy Intelligence Dashboard](#)) provides a visual showcase of how the structure and the deployment of activities in WPT2 will take place.

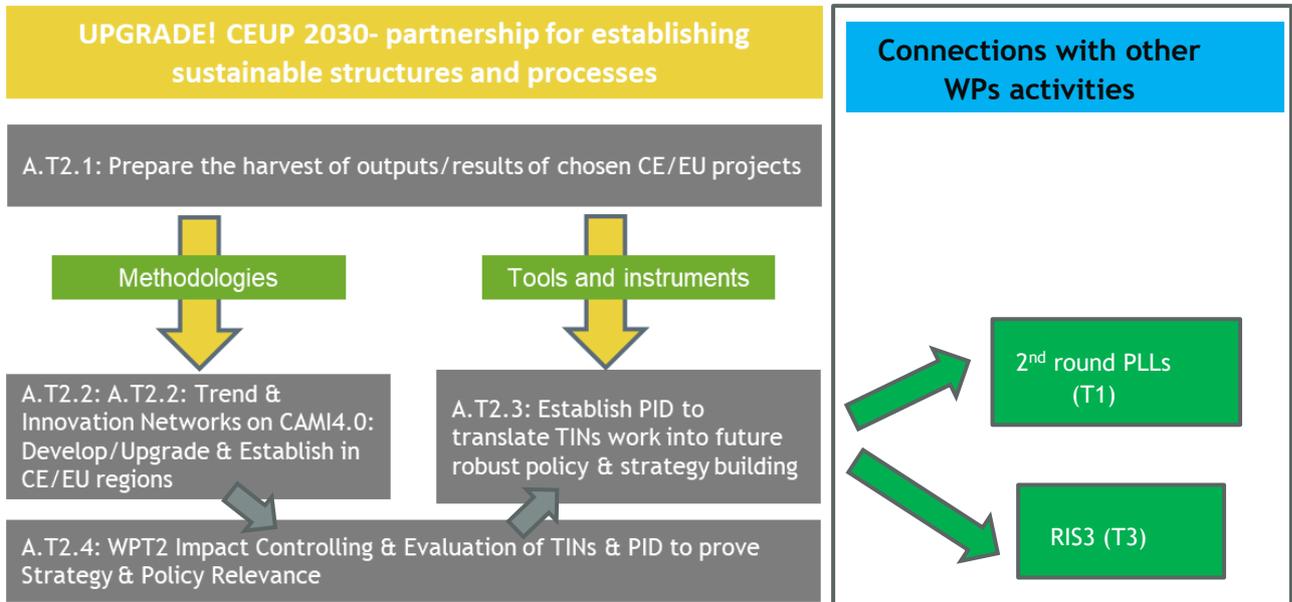


Figure 3 WPT2 Activities hierarchies

The figure shows that A.T2.4 has the mission of guiding, collecting and analysing all the outputs of WP2 and elaborating TINs outputs to strengthen and guide PIDs.

The purpose of this section is to describe the methodology for Impact Controlling and specifically detail the procedures for WPT2 Impact Controlling, which includes qualitative and quantitative characteristics during data results processing. It will detail the:

- Concept
- Preparation Steps
- Data Collection Procedures
- Data Evaluation and Processing Procedures

4.2. Preparation Steps

To prepare an interim and final report for impact controlling we will need to collect:

Quantitative information expressed in numerical terms as numbers and ratios for example. This information will be used to answer ‘what’, ‘how many’ and ‘when’ questions.

Qualitative information is expressed through descriptive prose and can address questions about ‘why’ and ‘how’, as well as perceptions, attitudes and beliefs.

At the end of each TINs Trend & Technology dialogue meetings, each PP will collect quantitative data with a questionnaire.

Qualitative information will be collected through interviews at the end of each TINs Trend & Technology dialogue meetings.



4.2.1. Participants in TINs Trend & Technology dialogue meetings and peer reviewer identification

The Trend & Innovation Networks are established/anchored for the 4 main topics of CAMI4.0 (A.T2.2). The TINs are organised as a digital community but foster face-to-face meetings, too. Based on the PLLs (T1) the stakeholder group will get enlarged by additional foresight & further tech experts. The structure and processes of the TINs enables to generate a professional input for a direct & future robust policy implementation. TIN’s work base is used, ongoingly, to enhance policy making inputs in T3. A.T2.4 led by SIIT, cooperates with 40 peer reviewers (10 / TIN&PID) to optimise & streamline elaborated data for decision making to gain best results for CAMI4.0 excellence. In total WPT2 increases knowledge on new technology & methods to deal with emerging data flows. Thus, contributing optimally to the current policy stakeholder needs.

For the best inputs by preparing the main outputs, it is important that the stakeholders involved in TINs and Peer reviews are:

- policy-relevant individuals
- working for critical organizations
- have influence on the regional, national and transnational development of the connected CAMI4.0 topic
- have key influence over advanced manufacturing / industrial digitization or Industry 4.0

These (4) individuals will complete an interview with the PP, so the choice of Expert Peer Reviewer should fall on someone who brings added-value to the project’s development. Each PP is free to choose the experience “type” that this external Expert Peer Reviewer brings to the Partnership.

Table 2 Potential interviewees template for TINs

	Project Partner n.			
	Peer 1 - TIN1	Peer 2 - TIN2	Peer 3 - TIN3	Peer 4 - TIN4
Institution name				
Region				
Type of organization				
Planned Date for PR				
Name				
Address				
E-Mail				
Position				

SIIT (PP7) is responsible for impact controlling activities in WP2 and will upload the Excel table (above) on Alfresco. Each PP must insert potential interviewees into the table. Because of objective and subjective reasons, potential proposed peer reviewers are not binding (meaning that if needed, can change over the course of the project according to the context).



4.2.2. *Online survey preparation*

For Final Evaluation and Impact Assessment Report on TIN and PID in a CE/EU policy context (D.2.4.3) inputs of quantitative data for quantitative analysis of WP impact on enhancing skills, capabilities & knowledge of people in charge of local, regional and (trans)national RTI policies in a triple-helix context are needed. So, it would be necessary to collect this data from participating stakeholders in TINs (Annex 1 and Annex 2).

The frequency of use is a good indicator of their accessibility, transferability, usability, relevance, cost-effectiveness, and so on. These results can be used as “proof” for policy-makers that the specified goal for the target group can be achieved.

4.2.3. *Interview Preparation (Peer Review)*

Each partner prepares for an external peer reviewers meeting. A recommended set of materials it may be beneficial to have in advance of these meetings include (Annex 1 and Annex 2):

- Short description of the project’s key vision & objective
- Short description of the impact controlling’s key goal
- Short description of the WPT2 Outputs
- [CEUP2030 communication material](#)

All PPs in this project are experienced at Peer Review procedures, however, please consider briefly the importance of creating a two-way conversation (not just drilling questions at the evaluators).

Create a natural conversation, and allow the conversation to touch on the project outputs of WPT2 within a wider contextual discussion:

The peer reviewers should be experienced in the technology field of that specific TIN. Given the fact that the TIN meetings will be organized over the whole duration of the project the structure of the conversation may vary.

- *Was the content understandable? If not, what should have been explained differently?*
- *How relevant and effective is the TIN to reach the project’s wider aims & objective? How would you change?*
- *Could the content be quickly felt and understood? What would you change? What would you change?*
- *Are the chosen topics relevant for the region and what are its limitations? Are there sub-topics that should be more considered or better treated?*
- *What are relevant technology trends in the field? How they are (or might become) relevant to regional policy makers?*
- *What are the strengths, weaknesses, and where do you see the opportunities and potential challenges in Industry 4.0 in your region and country?*
- *Where do you want to see your region, country, related to CAMI 4.0?*
- *How can the TIN create value for this region’s key stakeholders?*
- *How can CEUP2030 strengthen future policy in the field? Would that be relevant?*



4.3. Data Collection Procedures

4.3.1. Period of Data Collection

Each PP collect data from participants after each TTTDM (closed-ended and semi-closed-ended survey questionnaire; Annex 2) and from chosen Peer Reviewers within a week after the event.

Rules of appointment setting and timing:

- The survey questionnaire will be completed via an online survey questionnaire. In case the participants fill in the survey questionnaire at the session on paper, you have to enter it manually in the online survey questionnaire.
- Peer Review meetings can take place virtually and/or by telephone, but it is recommended that they occur, when possible, face-to-face. This review should take place in the next thirty days from the TTTDM (it is strongly suggested to have it in the following week, or when possible, the same day).

4.3.2. Data Collection Steps (Online Survey)

- Before starting the session, consider how the participants will complete the survey (in physical form (paper - print out Annex 2)) or [online](#).
- After the TIN meeting participants should be invited to fill out online survey. There are two ways to invite participants to participate in the questionnaire.
 - a) send the link to the questionnaire by email
 - b) send/hand out the text file at the end of the session. Then each organizing PP enter the collected data in the online questionnaire, and upload the scanned file on Alfresco.

The data for quantitative analysis will be collected in a web cloud of Google forms (<https://forms.gle/BHZxkksxN521nNeZ7>).

Gather responses. It is important that SIIT, as task leader, monitor response rate. Final sample size will depend on how many participants complete survey. Way of increasing the response rate of your survey is by promising to share the results with participants. The best way is to ask participants to immediately fill out the questionnaire over the phone, laptop, tablet, or to have them prepare physical questionnaires for them.

Analyze the results. SIIT will visualize collected data by presenting the results in charts and graphs. With online surveys the gathered data is stored automatically, so the results can be analyzed straight away.

Two reports for impact controlling are envisaged in WPT 2, namely

- *Interim Evaluation & Impact Assessment Report on TIN and PID in a CE/EU policy context* (February 2021)
- *Final Evaluation & Impact Assessment Report on TIN and PID in a CE/EU policy context* (November 2021)

The final step in conducting online surveys is to write a report explaining findings and whether the research goals have been reached. A successful survey will provide reliable



answers to the initial questions. Allowing us to take data-driven actions based on hard evidence. Used correctly online surveys can effectively measure participants satisfaction, get feedbacks, and reveal key influences in the relevant research area.

4.3.3. Data Collection Steps (Peer Review)

- Each meeting can last from 30 minutes to one hour, but there is no restriction on how long the conversation may last.
- PPs should provide context for the interview
- PPs utilize the Interview Guide, found in the Annex of this document, to guide the critical evaluation conversation.
- PPs are to record clearly written and/or typed notes, into the “Interview Guide Template” associated with the conversation. NOTE: PPs can choose to voice-record or film the conversation (for instance, to support WP Communication /online content development), but Informed Consent must be gained for this data to be collected by the PP.
- Once the PP has completed external Peer Review meeting, the transcript has to be uploaded to the respective CEUP folder in Alfresco, within the project’s cloud space.
- PPs are asked to ensure that the uploaded Template is legible and in English, so common data processing can occur, seamlessly.
- Please use the **attached xls-table to register peer reviewers**. In total we will use this information:

Table 3 Data collection table

	Project Partner n.			
	Peer 1	Peer 2	Peer 3	Peer 4
Institution name				
Region				
Type of organization				
CAMI 4.0 related topics				
Date				
Duration				
Name				
Address				
E-Mail				
Position				
Question1	Answer 1			
Question2...	Answer 2			



Once all interview transcripts and online surveys are received, the evaluation of the data begins. This process will be completed by SIIT, the responsible partner for D.T2.4.2 and D.T2.4.3.



5. Conclusions & Next Steps

The purpose of this document has been to provide the PPs background information and detailed process descriptions on the how to extend qualitative and quantitative impact controlling activity for WP2.

Work Package Leader and PPs are asked to review this guide and clarify with the Deliverable Responsible Partner, any questions or comments on the procedure.

- Due Date: 07/09/2020
- Responsibility: All PPs

Incorporation of Feedbacks

- Due Date: 15/09/2020
- Responsibility: SIIT



6. Annexes

6.1. Annex 1

6.1.1. Template 1 External Peer Review Template for WPT2 OUTPUTS

EXTERNAL PEER REVIEW TEMPLATE FOR WPT2 OUTPUTS	
Partner Name	Choose an item.
Institution name	Free Text
Region	Free Text
Type of organization	Choose an item.
CAMI 4.0 related topics	Production systems/Automation and Robotics/Smart Materials/Artificial Intelligence
Date	Click here to enter a date.
Duration	
Name	Free Text
Address	Free Text
E-Mail	Free Text
Position	Free Text
<p>Introduction Text for Interviewer: <i>(It is recommended that a short project overview is given by the PP to the Interviewee, which includes insight into the plans the PP is working on to deliver value and innovation capacity building in your region)</i></p>	
<p>You are selected as external peer review individual from your regional CEUP 2030 project, due to your expertise, competence, experience and relevance to our quality monitoring programme.</p> <p>Thank you very much for your time and support.</p> <p>This interview is part of the impact controlling for the project; your answers will be summarized, so that no conclusion to individuals will be possible.</p> <p>The objective of the interview is:</p> <ul style="list-style-type: none"> • to learn what impact you expect from CEUP 2030 • to receive an opinion on how the current outputs, work can reach these goals. 	
<p>Overall Objective of CEUP 2030</p> <p>The main objective is to set up stable innovation network with better understanding & improved knowledge, exchange of new technologies, relevant for Central Europe Advanced Manufacturing & Industry 4.0 (CAMI4.0), fostering the exploitation of available outputs/results that will lead to an upgraded policy-making & implementation.</p>	



Specific Objective of CEUP2030:

- S01_Enhance skills, capabilities and knowledge of people in charge of local, regional and (trans)national Research, Technology and Innovation policies within the triple-helix context
- S02_Ensure awareness and shared sustainable responsibility on using the Research, Technology and Innovation knowledge resources in CE/EU for enhancing policy decision support
- S03_Anticipate and fast-track policy strategies focused on the CE/EU sustainable and continuous development, necessary to promote an aligned joint S3/RIS3 for CAMI4.0 excellence

WPT2 Objective:

The overall objective of WPT2 is ensuring awareness & shared sustainable responsibility on using RTI knowledge resources in CE/EU for enhancing policy decision support and upgrading & establishing strong partnerships for the 4 main CAMI4.0 topics. This is managed by establishing sustainable structures such as Trend Innovation Networks (TIN) & practicable, efficient policy tools (Policy Intelligence Dashboard (PID)). Both are crucial to select & channel appropriate decision-relevant information out of the daily big data cloud, assess it & provide understandable knowledge in a compact & high-quality format In total WPT2 increases knowledge on new technology & methods to deal with emerging data flows. Thus, contributing optimally to the current policy stakeholder needs.

WPT2 has two main outputs:

- CEUP 2030 Trend & Innovation Networks for CAMI4.0 - with the aim of establishing sound dialogue on future foresight
- CEUP 2030 Policy Intelligence Dashboard - with the aim of refocusing technology trend insights for policy makers

Category & Question	Answer
A. General	
– When hearing the objectives of CEUP 2030, generally, what opportunities do you expect this project to bring to your Organization? Your region? Central Europe?	Free Text Response
– If you know Interreg Central Europe (https://www.interreg-central.eu/): How relevant do you guess CEUP2030 for Interreg Central Europe is?	Free Text Response
B. Relevance & Effectiveness <i>(referring to the relevance of the project work to the objective and aim of the project, and effectiveness at building a sustainable transnational support structure with sustainable linkages & enhancing regional innovation capacity)</i>	
– How relevant and effective is the organization of Trend and Innovation network meetings in reaching the	Free Text Response



CEUP 2030

<p>project's wider aims & objectives? What would you change?</p>	
<ul style="list-style-type: none"> – Could the content of the TIN meeting be quickly felt and understood? What would you change? 	<p>Free Text Response</p>
<p>C. Value- Creation <i>(referring specifically to the project's future activities using WPT2 outputs, to showcase how value can be created with transnational support structures - for instance: access to knowledge, personal networking, concrete cooperation)</i></p>	
<ul style="list-style-type: none"> – How can the Trend and Innovation Networks create value for your region's key stakeholders? 	<p>Free Text Response</p>
<ul style="list-style-type: none"> – How can the results of CEUP 2030 be utilized to create added value for your region's key stakeholders? 	<p>Free Text Response</p>
<ul style="list-style-type: none"> – What are relevant technology trends in the field? How are the technologies (or might become) relevant to regional policy makers? 	<p>Free Text Response</p>
<ul style="list-style-type: none"> – Are the chosen topics relevant for the region and what are their limitations? Are there sub-topic that should be more considered ore better treated? 	<p>Free Text Response</p>
<p>D. Sustainability/Transferability <i>(referring specifically to the ability of the work package outputs to be utilized for other RIS3 aims & integrated into other initiatives to sustain and transfer results)</i></p>	
<ul style="list-style-type: none"> – What are the strengths, weaknesses, and where do you see the opportunities and potential challenges in Industry 4.0 in your region and country? 	<p>Free Text Response</p>



CEUP 2030

<ul style="list-style-type: none"> – How can the TIN create value for this region’s key stakeholders? 	<p>Free Text Response</p>
<ul style="list-style-type: none"> – Where do you want to see your region, country, related to CAMI 4.0? 	<p>Free Text Response</p>
<ul style="list-style-type: none"> – How can CEUP2030 strengthen future policy in the field? Would that be relevant? 	<p>Free Text Response</p>
<p>E. Closing Remarks</p>	
<ul style="list-style-type: none"> – What other comments or recommendations do you have about CEUP 2030 and its goals & visions, which have not been mentioned/asked yet? 	<p>Free Text Response</p>



6.2. Annex 2

6.2.1. Evaluation template for TTTDM

Dear Participant!

Please fill out this questionnaire and help us to improve the quality of our events and services. Please mark your opinion by circling the correct number where 1 is the worst ('Extremely dissatisfied') and 10 is the best option ('Extremely satisfied').

Thank you for your cooperation!

Insert your name

project manager

Basic data about the event:	
Place:	Date:
Event title:	
Type of the event:	
<input checked="" type="checkbox"/> TTTDM (TIN Technology Trend Dialogue Meeting) <input type="checkbox"/> Policy Pilot Action Meeting (RIS3 round table)	
<input type="checkbox"/> International conference <input type="checkbox"/> Other:	
<input type="checkbox"/> No information / it was not defined	
Central Europe Advanced Manufacturing and Industry 4.0 related topic(s) on the event:	
<input type="checkbox"/> Intelligent Production Systems <input type="checkbox"/> Automation & Robotics	
<input type="checkbox"/> Smart & New Materials <input type="checkbox"/> Artificial Intelligence	
Your country:	
Your type of organization:	
<input type="checkbox"/> Local Public Authority <input type="checkbox"/> Education/training centre and school	
<input type="checkbox"/> Regional Public Authority <input type="checkbox"/> Large enterprises	
<input type="checkbox"/> National Public Authority <input type="checkbox"/> SME	
<input type="checkbox"/> Interest Groups including NGOs <input type="checkbox"/> Business support organisation	
<input type="checkbox"/> Higher Education & Research	
Host organisation:	
Satisfaction survey:	



1. How satisfied are you with the activity of the hosting institution in organizing the event?										
	1	2	3	4	5	6	7	8	9	10
2. How satisfied are you with the infrastructure provided by the organizer institution? (equipment for educational technology, material conditions for the workshop, heating, lighting, hygiene, etc.)										
	1	2	3	4	5	6	7	8	9	10
3. How satisfied are you with the communication of the hosting institution?										
	1	2	3	4	5	6	7	8	9	10
4. To what extent did the event / workshop meet your expectations?										
	1	2	3	4	5	6	7	8	9	10
5. How satisfied are you with the information provided on the event?										
	1	2	3	4	5	6	7	8	9	10
6. How satisfied are you with the structure and content of the event?										
	1	2	3	4	5	6	7	8	9	10
7. How satisfied are you with the presenters of today's event?										
	1	2	3	4	5	6	7	8	9	10
8. How satisfied are you with the quality of the event/workshop materials provided? You only have to answer if the workshop material has been provided.										
	1	2	3	4	5	6	7	8	9	10
9. Other comments, suggestions										

ADDITIONAL COMMENTS AND SUGGESTIONS:
