

GUIDANCE ON HARVESTING AGENDA ON CAMI4.0 FOR TIN_s & POLICY INTELLIGENCE DASHBOARD

D.T2.1.1 - A guidance document for A.T2.1
on harvesting protocols for the Trend and
Innovation Networks (TINs) and Policy
Intelligence Dashboard (PID)

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Document Control

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30.06.2020	1.2	AFIL	Revision based on partner input



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 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 A.T2.1, which covers the preparation of the Harvesting activity which all PPs must participate in, to choose the outputs and results of exceptional CE and EU projects to inspire and put the basis for the design of the WP’s Key Outputs (Trend and Innovation Networks and Policy Intelligence Dashboard)

Specifically, the practical activities which are supported in this document are:

- the appropriate selection, adaption and fine-tuning of proven tools, instruments and methodologies, so called “Harvesting”, during A.T2.1, which will trigger the generation of WPT2 Outputs (i.e. TIN - Trend and Innovation Networks and PID - Policy Intelligence Dashboard)

1.3. Scope of Document & Deliverable Summary

This document contains the guidance on how to complete Activity A.T2.1. It gives further details on the steps and processes that the CEUP 2030 partnership should take to identify



outputs and results of the selected CE/EU projects which were identified as good practice for the Trend and Innovation Networks (TINs) and the Policy Intelligence Dashboard (PID). It also provides templates that Project Partners will be required to fill in order to provide inputs for the elaboration of deliverable D.T2.1.2.

1.4. Audience

This document is directed to project partners since all of them will be asked to contribute to the creation of a common understanding of TINs and PID identifying proper methodology and tools to be implemented during the project duration for the realisation of WPT2 Outputs.

1.5. Change Control Procedure & Structure

The Deliverable Responsible: AFIL - Associazione Fabbrica Intelligente Lombardia (AFIL/PP6), created this guidance document which is hosted on the Project's common repository in the appropriately named deliverable folder ([D.T2.1.1 Guidance of Harvesting Agenda on CAMI4.0 for TINs & Policy Intelligence Dashboard](#)).

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 AFIL.

At any time, partners believe a project methodology should change, the request should be brought to the Deliverable Responsible and the Work Package Leader (AFIL/PP6) 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.



2. Abbreviations

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



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3. Introduction

The purpose of this guidance document is to provide information to the CEUP 2030 Partnership on how to complete Activity A.T2.1 - “Prepare the harvest of outputs/results of chosen CE/EU projects for new outputs of WPT2”. As already mentioned in D.T1.1.1, this “Harvesting” activity is common to all the CEUP2030 work packages and has the goal of creating an active and transparent plan on how the Partnership will capitalise the results of previous projects which were identified as good practice for engaging with the topic of Advanced Manufacturing and Industry 4.0. In particular, this guidance document takes the following structure:

Key Background Information - which provides:

- recall of the four CAMI4.0 topics definition;
- description of WPT2 Activities flow
- definitions of the WPT2 Outputs and questions to guide partners in the Harvesting

Methodology, which provides:

- process description on how to bring your PP results into the CEUP reporting framework for D.T2.1.2, Harvesting Agenda on CAMI4.0 for TINs & Policy Intelligence Dashboard.

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 harvesting
- Example of Harvesting results (provided by AFIL)



4. Key Background Information

It is important to note that PPs work to review the organisation's past projects is a critical aspect of the CEUP 2030 project. The Interreg Central Europe 4th Call was an experimental design, which looks to prioritise the capitalization of knowledge and know-how gained from a cross-section of good practice projects. The underlying goal of such an experiment is to enhance the macro-regional benefit which is gained from subsidy programmes, with a vision to enable more aligned development plans for the coming programming period.

Harvesting from the cross-section of projects is, therefore, a key enabling activity of CEUP 2030, to which every PP is asked to contribute. We use the term **“Result Portfolio”** to describe each PPs past project work from this programming period. The emphasis on **“this programming period”** is to ensure the results which are harvested for capitalization and upgrade are current and relevant to the socio-political, and technical environment consistent with this programming period.

Partners are asked to review their Result Portfolio and filter for results which would add value to CAMI4.0. This review and filtration of results, with the purpose of capitalising knowledge within CEUP 2030 is the associated definition of the term **“harvest”**. Results can take many forms, and for the purpose of this document, PPs should prioritise results which inspire methodological development for TINs establishment and operations as well as good practice and example of tools for monitoring policy relevant data on technology trends to be implemented in the framework of PID. **“Upgrade”** is another term which is used across the project proposal. This term refers to the deployment of the harvested result into the CEUP 2030 project, so it can deliver wider or more extensive benefits to the macro-regional area.

4.1. Activity Flow

As already remarked in D.T1.1.1, each CEUP2030 Work Package starts with an activity where partners must harvest results from their completed project Result Portfolio to be used and upgraded within the specific work package. Accordingly, also in WPT2 activity 2.1 structure provides the partners with the guidance on how to assess their completed results for the **“harvest”**, and then contains a deliverables which include the collection of inputs from the partnership on which results (methodologies, use cases) which will be deployed into the further WP Activities. Figure 1 provides a visual showcase of how the harvesting components will be used to inspire methodologies and onward deployment of activities in WPT2.

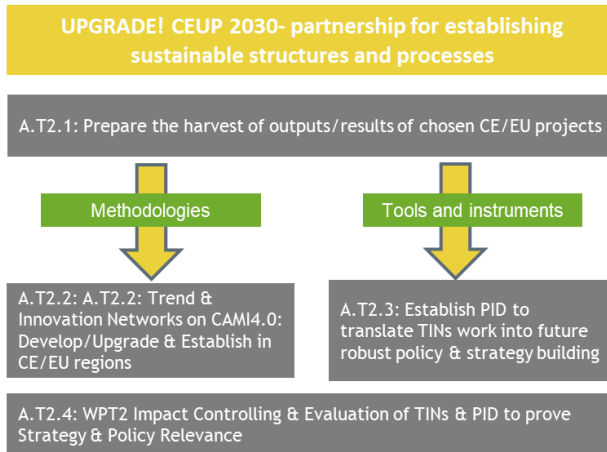


Figure 1 WPT2 Activities hierarchies

4.2. Definitions of Methodologies and Concepts

As key background information, in this section some terms that will be frequently used in the activities of WPT2 are reported and extensively explained to create better common understanding of projects outputs and related objectives. Moreover, definitions have been enriched with a set of questions that PPs can take into consideration while doing the harvesting for WPT2.

4.2.1. Trend and Innovation Networks (TINs)

Definition: The Trend & Innovation Networks are communities of stakeholders established/anchored around the 4 main topics of CAMI4.0: *Big & Real Data Processing & Sensors, Automation & Robotics, New Materials and Artificial Intelligence* (Refer to D.T1.1.1 and D.T.1.1.2 for detailed description of CAMI4.0 topics). Each PP will invite representatives of the triple-helix who will discuss and share trend and innovation foresights on the targeted topics, contributing to the four CEUP2030 TINs. Those communities will build on the stakeholders involved in the PLL in WPT1 and will be enriched with key experts identified by each partners. Although TINs will be arranged as a digital community, 40 regional meetings will be organised fostering interregional connection and with the aim to build on the inputs collected during PLL to generate relevant inputs for a future robust policy implementation. in the form of technical reports on technology trends for WPT3. Accordingly, PPs will organise one workshop per each CAMI4.0 topic during the period from November 2020 to November 2021.

CEUP 2030 Partnership Harvesting Questions to Consider?

- What is your good practice experience with delivering technical workshops?
- What was the target of these workshops?
- How were stakeholders engaged in an interactive way?
- How did it especially showcase the benefit of technologies?
- How would you upgrade this good practice for CEUP 2030? What were the key lessons you learnt, which would be valuable to integrate into the CEUP 2030 Trend and Innovation Network?
- How could the interregional connections be stressed?



4.2.2. Policy Intelligence Dashboard

Definition: The Policy Intelligence Dashboard monitors, fine-tunes and streamlines policy relevant data on technology trends for a fast-track assessment based on a solid data gathering and evaluation. Practically speaking, in each partner region a TIN will be established, and it will work on future foresight, technology trend monitoring and scouting in all the CAMI4.0 topics. These activities will also feed the PID with the gained data to produce Tech Radars and other insights able to support decision making.

In particular, the Policy Intelligence Dashboard [PID] is crucial to select & channel appropriate decision-relevant information out of the daily big data and it can therefore increase the innovation capacity of a region if properly exploited.

Finally, PID will also set the basis for the joint policy exploitation with pilots as well as a future planning for 2021-2027 in T3 and beyond the project's end.

CEUP 2030 Partnership Harvesting Questions to Consider?

- Does your region use technological report(s) as guidelines for future planning?
- Does your organisation work on the development of a Tech Radar, or similar?
- Does your organisation know existing instruments that are collecting similar information/data?
- Does your organisation have exploited similar instruments?
- How useful is it to extract data from those instruments and base decision on these?

4.3. Quality Indicators and Requirements for Harvest

The following section was written to provide some further guidance on the project's quality indicators which each partner should consider and input requirements which each partner should deliver, when it comes to completing the harvesting activity.

4.3.1. Application Form Projects

The following table lists the six identified projects which were named within the Application Form as bringing result potential to CEUP 2030. It is recommended that these projects are first reviewed for their potential results inclusion in CEUP 2030.

Subsidy Programme	Project Name
HORIZON 2020	SISCODE
HORIZON 2020	Spirit
HORIZON 2020	DIH2
Interreg Central Europe	3DCentral
Interreg Central Europe	Synergy
Interreg Central Europe	S3HubsinCE

Project Partners are required to not limit their harvesting activities to those projects, but to expand the source of methodology and best practice to other closed or active projects in their portfolio. This would further strengthen the capitalisation of outputs generated within this programming period.

4.3.2. Rules

Referring to D.T1.1.1, the same rules apply for WPT2 harvesting. Therefore, the guidelines provided to partners are recalled in the table below.



Rule	Rule Logic
If you were part of one of the AF mentioned projects, you must pull a result from it!	This rule exists so we can demonstrate that the identified projects have sustainable results which are able to be capitalised!
Only use complete or “near” complete results!	This rule exists so we can be sure that the concept has been tested prior to its inclusion in CEUP 2030
Be honest about the result’s success!	This rule exists to remind Partners that they are jointly responsible for bringing in good-quality. We trust your gut-instinct on this!
Clarify exactly which aspect of the result you think the CEUP2030 partnership can benefit from!	<p>The Partnership needs to pull high-quality characteristics from different partner’s experience, but we need to know what worked and what didn’t work.</p> <p>For example: for a physical, interactive workshops - what practically worked, and what was the aspect that can be “capitalised”, was it a method (i.e. a co-creation process like brain-writing?), was it a presentation style (i.e. like PechaKucha, visual storytelling)?</p> <p>For methods and tools - what tool is relevant to feed CEUP 2030 Policy Innovation Dashboard? Who is the owner of the tool? Does it need to be integrated/ re-designed or simply acquired?</p>
Provide a comprehensive description	<p>Reflect on what you write to make sure it is understandable and able to be interpreted for further use by the Deliverable Responsible of the methodology which will look to benefit from the capitalised knowledge!</p> <p>Would someone with no context to the project world (a loved one, for instance?) understand what you wrote?</p>

4.3.3. Input Requirements

It is important to note that the harvesting activity’s goal is providing a summary of the existing results to which the Partnership has “access”, in order to capitalise a number of good practice projects in the direction of improved knowledge provision to policy-makers, to better support policy making processes in the next programming period. Because of this, PPs at this stage are only asked to provide summaries of existing results from your PP organisation Result Portfolio, so we can streamline an “Agenda” of results which will be drawn upon in the design and delivery of key project outputs.

Therefore, a minimum number of inputs are required to partners who have to provide their harvested results to trigger the design of WPT2 outputs. Although a minimum number of 1 good practice is required, additional results can be reported if they are considered relevant for the scope

Name of Harvesting Aspect	Additional Comments	PP’s Individual Obligation	CEUP 2030’s Combined Obligation
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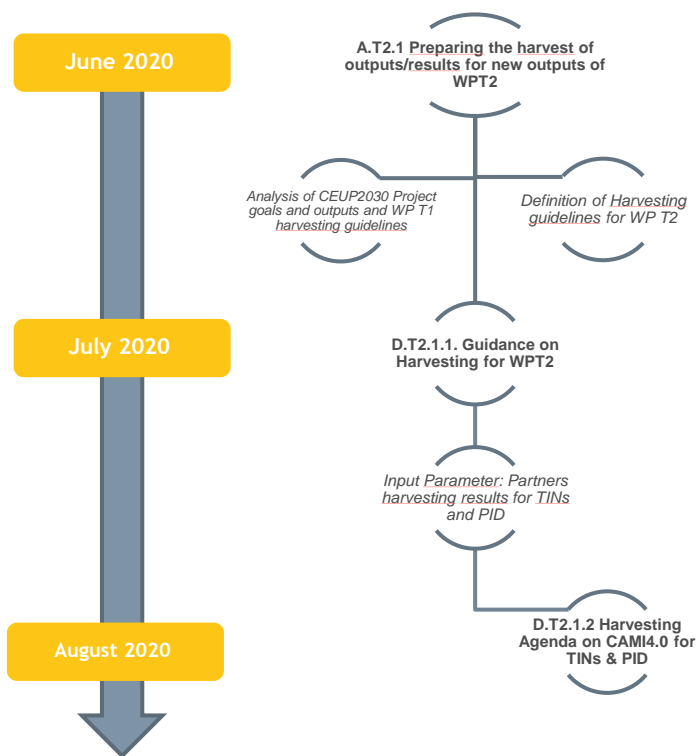
Methodologies for Trend and Innovation Networks establishment	Should help inspire the establishment of network/communities of heterogeneous stakeholders and provide inputs on how to connect them interregionally	1	10
Methodologies for TINs workshop organisation	Should help inspire interactive workshop methods on CAMI4.0 topics involving the TINs stakeholders	1	10
Tools for Policy Intelligence Dashboard	Should help inspire the design of tool(s) for the identification of policy relevant data	1	10
Total Number of Inputs		3	30



5. Methodology

This section provides insight on an agreed methodology which partners should follow to identify and filter appropriate results from Results Portfolios, and then create the appropriate simplified description for a quick and streamlined reporting in the deliverable connected to of A.T2.1. Figure 2 provides a visual description of the Deliverables Hierarchies which are expected to emerge with Activity A.T2.1.

Figure 2 Deliverables Hierarchies for Activity A.T2.1





5.1. Process for Results Portfolio Review Harvest

The following section is aimed at providing partners with a simple process description to carry out the results' portfolio review and generate input for the harvesting:

1. Review the project proposal and the deliverables' descriptions so you are aware of the two key outputs for WPT2.
2. Review the work that your PP organisation has done in the past programming period.
3. Review the CEUP 2030 Partnership Harvesting Questions reported in the sections above
4. Filter your results portfolio for those results which provide:
 - a. methods which could be used to establish communities of stakeholders in the framework of TINs
 - b. methodology to organise and moderate TINs workshops based on CAMI4.0 topics
 - c. tools to inspire the creation/feeding of Policy Innovation Dashboard
5. Check that you or a member of your organisation has enough know-how of the project or result portfolio to write a simplified description of the filtered results
6. Check that you have the right access to information and results availability which would allow lessons learnt and methodologies on these subjects to be provided to the Partnership
7. Fill in the proposed templates to share your input with the CEUP 2030 partnership



5.2. Harvesting Reporting Process for CAMI4.0 for TINs & Policy Intelligence Dashboard (D.T2.1.2)

The Harvesting Agenda has two input sets:

- **Input 1 = Methodologies for Trend and Innovation Networks establishment** methods and experience which can create a fast start on Trend and Innovation Network (TINs) design & implementation.
- **Input 2 = Methodologies for TINs workshop organisation:** good practices and experience which can be considered for the definition of TIN workshop agenda, scope and execution.
- **Input 3= Tools for Policy Intelligence Dashboard:** example of already existing tools that can be exploited for collecting and analysing relevant data which is crucial to channel appropriate decision-relevant information, therefore increasing the innovation capacity of a region if properly exploited.

The templates for the results' harvest can be found in the Annexes of this document together with examples provided by the WP Leader AFIL.

To summarise, the required contribution for all the inputs is:

- Your PP Organisation Name, as a drop-down menu
- The name of the harvested result, as a free text response box where you provide the methodology/strategy name in English
- The name of the project and programme from where the knowledge was harvested, as drop-down menu (for the 6 AF good practice projects), and an "other" option for those partners not involved in the 6 projects. Please, if you select "Other", do not forget to include the name of the project.
- The hyperlink to where the partnership can find more information about the methodology/tools.
 - Note: If this is held privately and not on a website please provide PDF evidence of the input on the Project Shared Space, in a dedicated folder for your PP organisation.
- A short description of the results - as a free text response. Please limit this to no more than 2000 Characters.
 - For **TINs set-up methodology** - describe the methods and instrument exploited for the creation of a community of heterogeneous stakeholders, referring also to envisaged connections an interaction
 - For **TIN workshops methods** - describe the workshop structure referring specifically to Goals-Target Audience - Programme and interactions methods applied (if any)
 - For **PID tools** - describe the tool(s) and the indicators measured and how this tool mentioning also its ownership.
- A short description of how the result "worked", what processes were followed in a real or practical sense, i.e. what did people really do. Please limit this to no more than 2000 Characters.



- For **TINs set-up methodology** - describe how this method has been practically implemented
 - For **TIN workshops methods** - describe the practical implementation of the workshop
 - For **PID tools** - describe how this tool is working and how it could contribute to the PID scope to highlight relevant policy data and channel decision.
- A short description of the key lessons learnt. What worked well in the methodology that led to the achievement of the goals? Please limit this to no more than 2000 Characters.
- A short description of how the result can be “upgraded” for CEUP 2030. What is the exact part that you think could provide wider benefits to the macro-regional area and how it could be eventually customised/implemented in CEUP 2030 framework. Please limit this to no more than 2000 Characters.



6. Conclusions & Next Steps

The purpose of this document has been to provide the PPs background information and detailed process descriptions on the harvesting requirements of Activity A.T2.1. It sets the process for harvesting key content and methodologies from each PP's result portfolio from this programming period, which can be utilised and upgraded throughout the process of delivering WPT2's key outputs.

6.1. Next Steps

- Work Package Leader and PPs are asked to review this methodology and clarify with the Deliverable Responsible Partner, any questions or comments on the procedure.
 - Due Date: 30th June 2020
 - Responsibility: All PPs
- All PPs are then asked to complete the harvesting and reporting process for the TINs and PID, providing the filled templates (x3/PP)
 - Due Date: 17th July 2020
 - Responsibility: All PPs

All Harvesting should be completed by mid July, to ensure that the other activities and deliverables depending on harvesting activities can stick to the project deadlines.

Indeed, once the harvesting has been finalised, the WPT2 deliverables' responsible PP will analyse the collected results and elaborate:

- **D.T2.2.1. Guidance on for CAMI4.0 Trend and Innovation Networks**
 - Due Date: 31st August 2020
 - Responsibility: AFIL
- **D.T2.3.1 PID design & elaborate technology radars to improve CE/EU policy making**
 - Due Date: 31st August 2020
 - Responsibility: KTP
- **D.T2.4.1 Coaching Guidance on Impact Controlling involved CAMI4.0 stakeholders on TIN &PID in CE/EU policy context**
 - Due Date: 31st August 2020
 - Responsibility: SIIT



7. Annexes

7.1. Template 1: Result Harvest for WPT2 Methodology for Trend and Innovation Networks set-up

Result Harvest for WPT2 Methodologies for TINs set-up	
Name of the PP	Choose your PP Name
What is the name of the harvested result (aka the output/activity name from the project)?	[Free Text Response]
What is the name and programme of the harvested project (in English)?	Choose Good Practice Project Name In case of other, please clarify project & programme name, in English: [Free Text Response]
Hyperlink to the result location (aka where more information on the strategy or workshop methodology can be found)	[Free Text Response]
A short description of the result:	
[Free Text Response - limit to 2000 characters]	
A short description how it worked:	
[Free Text Response - limit to 2000 characters]	
A short description of the key lesson learnt:	
[Free Text Response - limit to 2000 characters]	
A short description of how the result can be “upgraded” for CEUP 2030 method:	
[Free Text Response - limit to 2000 characters]	



7.2. Template 2: Result Harvest for WPT2 Good practices for TINs workshop orchestration

Result Harvest for WPT2 Good practices for TINs workshop orchestration	
Name of the PP	Choose your PP Name
What is the name of the harvested result (aka the output/activity name from the project)?	[Free Text Response]
What is the name and programme of the harvested project (in English)?	Choose Good Practice Project Name In case of other, please clarify project & programme name, in English: [Free Text Response]
Hyperlink to the result location (aka where more information on the strategy or workshop methodology can be found)	[Free Text Response]
A short description of the result:	
[Free Text Response - limit to 2000 characters]	
A short description how it worked:	
[Free Text Response - limit to 2000 characters]	
A short description of the key lesson learnt:	
[Free Text Response - limit to 2000 characters]	
A short description of how the result can be “upgraded” for CEUP 2030 method:	
[Free Text Response - limit to 2000 characters]	



7.3. Template 3: Result Harvest for WPT2 on Tools for Policy Intelligence Dashboard design

Result Harvest for WPT2 Tools for Policy Intelligence Dashboard design	
Name of the PP	Choose your PP Name
What is the name of the harvested result (aka the output/activity name from the project)?	[Free Text Response]
What is the name and programme of the harvested project (in English)?	Choose Good Practice Project Name In case of other, please clarify project & programme name, in English: [Free Text Response]
Hyperlink to the result location (aka where more information on the strategy or workshop methodology can be found)	[Free Text Response]
A short description of the result:	
[Free Text Response - limit to 2000 characters]	
A short description how it worked:	
[Free Text Response - limit to 2000 characters]	
A short description of the key lesson learnt:	
[Free Text Response - limit to 2000 characters]	
A short description of how the result can be “upgraded” for CEUP 2030 method:	
[Free Text Response - limit to 2000 characters]	

[RC1] megjegyzést írt: Do not forget to refer to the indicators considered in the tool

[MC(2R1)] megjegyzést írt: Maybe add some explanations about the indicators if necessary



7.4. Examples: Result Harvest from AFIL for WP2

[MC(3) megjegyzést írt: No example is given here; will this be entered in the final version of the deliverable? Providing examples was very helpful during the harvesting in WP T1

Result Harvest for WPT2 Methodologies for TINs set-up	
Name of the PP	AFIL
What is the name of the harvested result (aka the output/activity name from the project)?	GREENOMED Platform
What is the name and programme of the harvested project (in English)?	Choose Good Practice Project Name In case of other, please clarify project & programme name, in English: GREENOMED - INTERREG MED
Hyperlink to the result location (aka where more information on the strategy or workshop methodology can be found)	Project Deliverable
A short description of the result:	
GREENOMED Platform is a database of stakeholders generated by partners involved in GREENOMED project that supported the creation of communities around topics of interest in the MED area. Thanks to a structured approach and shared tools it was possible for all the regions involved to set up and then update the communities in a coordinated way.	
A short description how it worked:	
Based on a common template, GREENOMED partners mapped diverse stakeholders in their regions according to their type, competences and interests. Thanks to this initial database, it was possible to better arrange WGs meetings during the project duration and to identify synergies among stakeholders. The mapping was not limited to the initial stage but the database was constantly monitored and updated according to the progresses achieved and the activities implemented.	
A short description of the key lesson learnt:	
A mapping activity is fundamental to set-up community of stakeholders in order to ensure inclusivity and heterogeneity. Having specific target group to include in the community allowed to expand the interaction with stakeholders of different types fostering their dialogue and collaboration.	
A short description of how the result can be “upgraded” for CEUP 2030 method:	
The mapping activity in GREENOMED and its Platform were organised around the topic of Green Manufacturing, but the same exercise can be done in CEUP2030 considering CAMI4.0 topics and targeting Central Europe regions.	



Result Harvest for WPT2 Good practices for TINs workshop orchestration	
Name of the PP	AFIL
What is the name of the harvested result (aka the output/activity name from the project)?	Technology and Innovation Camp
What is the name and programme of the harvested project (in English)?	3DCENTRAL (INTERREG CE) In case of other, please clarify project & programme name, in English: [Free Text Response]
Hyperlink to the result location (aka where more information on the strategy or workshop methodology can be found)	N/A online but the deliverable can be accessible through 3DC Partners
A short description of the result:	
<p>The system of Tech & Innovation Camps (TIC) is a result-oriented training concept which addresses and unites multifarious target groups, experts and stakeholders to gain excellent results in spreading the knowledge about smart engineering technologies in CE.</p> <p>Tech and Inno Camps (TIC) were events dedicated for mutual learning, experience exchange and enhancement of know-how in the 11 KACE topics.</p> <p>The main aims of the Tech & Inno Camps (TIC) were:</p> <ul style="list-style-type: none"> • to transfer practical know-how within the 11 KACE topics • to enable exchange and networking opportunities in order to strengthen the cooperation opportunities among project partners • to promote 11 KACE topics among stakeholders, experts, decision makers on regional, national and transnational level • to promote best practices and lessons learnt related to 3DCentral objectives <p>Target groups: TICs were dedicated to a variety of target groups and stakeholders in order to foster learning appropriate for policy improving. Accordingly, the main target groups for TICs were:</p> <ul style="list-style-type: none"> • solution providers and receivers (Large enterprises, SMEs, start-ups) • higher education and research institutions • education/training centres and schools • regional and national public authorities • interest groups including NGOs • business support organisations • clusters 	



- agencies in charge of knowledge development and transfer

A short description how it worked:

Each PP organised an event dedicated to one of the KACE topic identified in the 3DCentral project. Tech & Inno Camp were organised following specific structure guidelines:

- **Partners introduction and project ideas matching:** Short presentations of regional partners, that include f.eg. relevant experiences and competences, project ideas, interest in future cooperation.
- **Presentation of solution providers.** Short pitches on innovative, new solutions, actual trends and activities in the relevant KACE topic
- **Panel discussion on at least one of 11 KACE relevant topics.** The discussion should focus on the technology trends and forecasts but also on opportunities and possibilities for CE development and cooperation
- **Showcasing the solutions.** Small stands with opportunities for solution providers to show the possible customers their products/ solutions
- **Opportunity for direct B2B meetings.** Dedicated space for networking in a highly interactive and dynamic ambience to come together with field experts and participants.
- **Matching - Workshop:** development of project ideas (Project Partners, KITTS, other companies and institutions)

A short description of the key lesson learnt:

3DCentral TICs allowed to:

- enable exchange and networking opportunities in order to strengthen the regional/national/european cooperation opportunities among participants
- raise awareness on at least one KACE topic in terms of technological development
- involve additional regional/ national stakeholders (and if possible international partner)

A short description of how the result can be “upgraded” for CEUP 2030 method:

Considering the expected output and results of CEUP2030 project, the proposed structure for the agenda should be a bit customised in order to focus specifically on future technology trend and related needs. So that, thanks to TIN workshop it would be possible to derive some inputs that could be useful for policy makers in shaping future programming period.



Result Harvest for WPT2 Tools for Policy Intelligence Dashboard design	
Name of the PP	AFIL
What is the name of the harvested result (aka the output/activity name from the project)?	3DC-HyperTree
What is the name and programme of the harvested project (in English)?	3DCENTRAL (INTERREG CE) In case of other, please clarify project & programme name, in English: [Free Text Response]
Hyperlink to the result location (aka where more information on the strategy or workshop methodology can be found)	https://www.interreg-central.eu/Content.Node/3DCentral/3DC-HyperTree.pdf https://www.interreg-central.eu/Content.Node/3DCentral/CE634-3DCentral-O.T2.1-fact-sheet--Hypertree.pdf
A short description of the result:	
The output consists in a mapping tool which will help to identify repeatable transfer & innovation processes. It will help users to identify preconditions, processes, required resources & expected results of replicating transfer & inno processes in different contexts. The tool will be structured in a way that it will be used also as a training instrument to empower stakeholders. All processes are assessed, validated & customised to the CE requirements & necessities.	
A short description how it worked:	
The IT Tool (Hypertree) helped to identify potential transfer processes and it helped to connect “islands of innovation” to a stable network of regions for innovation. In a second step the defined and validated process for transfer and innovation helped stakeholders to focus on important steps in a transfer & innovation process. The process is designed to fit for different organizations like research institutes, universities, companies, etc.	
A short description of the key lesson learnt:	
3DC-HyperTree tool users were able to identify target groups, Best Practice examples and experts in different contexts and in different region. The tool is structured in an easy	



way so that stakeholders can identify possibilities for future knowledge & innovation transfer leveraging on the competences available in the Central Europe Network.

Regions and Topics were selected as driver to search for specific ongoing project activities, organisations, experts and Good practices.



A short description of how the result can be “upgraded” for CEUP 2030 method:

This instrument can be exploited to derive guidelines for policy makers focusing on the CAM4.0 topics and enriching the database available with inputs coming from the TINs networks that will be established in CEUP2030.