

Integrated capacity building and training programme for DANUBE area labour and business support organisations, local industry and entrepreneurs to enter innovative transnational value CHAINS as PEER-level collaboration partners

DTP3-497-SO1.2

Definition of transnational pilot projects on value-chain oriented transformative activities

Deliverable D.T3.1.1

Lead Contractor of the Deliverable: PP DGO

Authors: Claudia Landrock, Prof. Dr. Veronika Fetzer

September 2022



Content

Introduction	
Workshop	
Transnational Pilot Projects	
Conclusion	
Annex	12



Introduction

The main objective of the D.T3.1.1 is the definition of transnational pilot projects on value-chain oriented Transformative Activities.

According to the application form: The partnership starts in a workshop at SC-meeting #3 with piloting the Danube diamond with the goal to define 5 transformative projects for transnational value chains, with min. 2 SME from 2 countries per value chain and accordingly 2-4 PPs.

Workshop

During the workshop at SCOM #2a in Zagreb project partners chose Transformative Activities (TA), that seemed to be most promising. Those TA are the basis at workshop during SCOM #3, from which transnational projects can be derived and identified.

Background

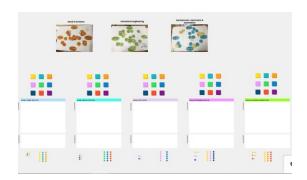
Transformative Activities can only scale if sufficient capacities and resources are bundled, which makes cross-regional cooperation necessary. In addition, cross-regional synergies should be exploited.

Workshop procedure

First of all, project partners were divided into five groups. This division occurred according to project partners' geographic position so neighbouring countries can work together on transnational projects on the one hand and project partners regional strengths and demands of the regions that they represent on the other hand. In each group there was defined one project partner who acted as group leader (tasks were for example accelerating and moderating the discussion, presenting the results to the plenum).

As the workshop took place online, project partners worked in their group on Conceptboard, which was set up before the workshop (see picture 1).





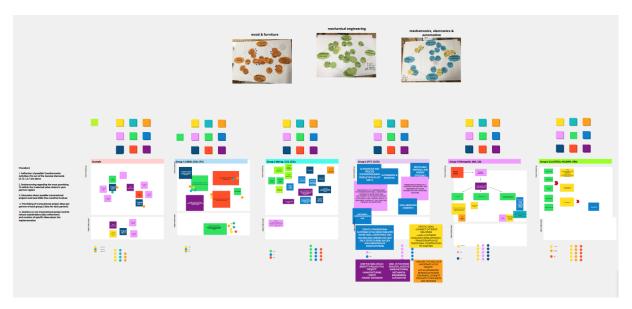
Picture 1: Workshop set-up for all groups.

After a short reflection of possible TAs out of the Danube Diamonds (D.T2.1.2) project partners in each of the five groups started to brainstorm regarding the most promising TAs within the three selected value chains: wood & furniture, mechanical engineering mechatronics, electronics & automation. Based on this, project partners started a discussion about possible transnational projects and local SMEs that could be involved into those projects. Afterwards, each project partner was asked to prioritize the transnational project ideas of its group using coloured dots. This prioritization helped the project partners to make a decision on one transnational project and its relevant stakeholders. In the end of the workshop, each group presented its results to all project partners. Attention was given to the assignment to one of the three value chains, to specific ideas for implementation and possibly involved SMEs.

Workshop results

After one hour working time, Conceptboard was full of ideas and commitments of each group to one transnational pilot project. (see picture 2).





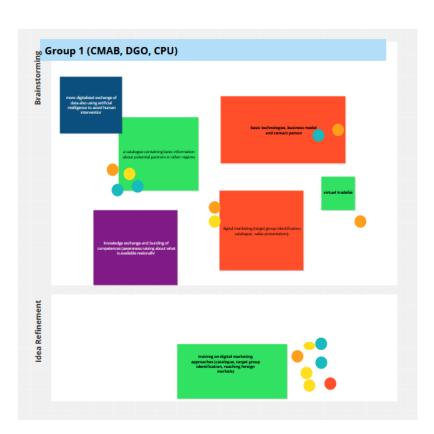
Picture 2: Results of all groups.

In the following, the results of each group are presented separately.

Group 1 (CMAB, DGO, CPU)

Group 1 discussed several TAs and further ideas out of the value chains (see picture 3).





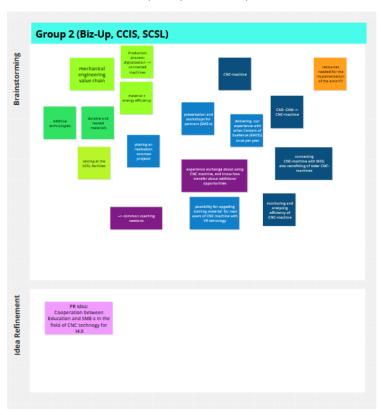
Picture 3: Group work of CMAB, DGO & CPU.

As transnational pilot project group I focused on the idea of a training on digital marketing approaches (catalogue, target group identification, reaching foreign markets).



Group 2 (Biz-Up, CCIS, SCSL)

Group 2 brainstormed about different TAs and consequent projects out of the three value chains (see picture 4).



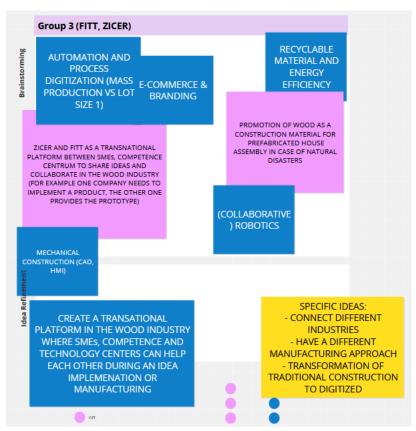
Picture 4: Group work of Biz-Up, CCIS & SCSL.

Group 2 developed a PR idea that focuses on the cooperation between education and SMEs in the field of CNC technology for I4.0 as transnational pilot project.



Group 3 (FITT, ZICER)

On the basis of a variety of TAs, Group 3 discussed several project ideas out of the value chain wood & furniture (see picture 5).



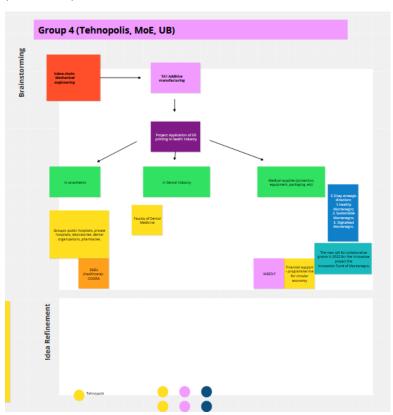
Picture 5: Group work of FITT & ZICER.

As transnational pilot project group 3 focused on the idea of the creation of a transnational platform in the wood industry where SMEs, competence / technology centers can help each other during an idea implementation or manufacturing. Specific ideas were e.g. the connection of different industries, that have a different manufacturing approach as well as the transformation of traditional construction that to digitized construction. SMEs could benefit through manufacturing, profit and market expansion thanks to the transnational pilot project. FITT and ZICER would act as moderators between different companies and would connect them with their needs and demands.



Group 4 (Tehnopolis, MoE, UB)

Group 4 discussed several TAs and further ideas out of the value chains (see picture 6).



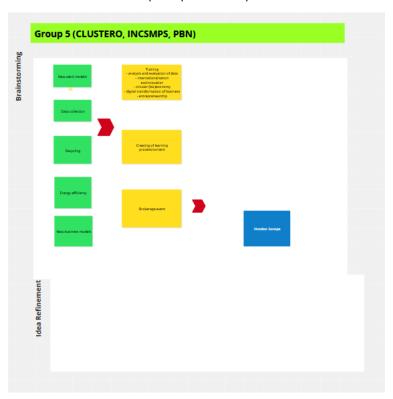
Picture 6: Group work of Tehnopolis, MoE & UB.

Group 4 developed a project idea concerning the application of 3D printing in health industry as transnational pilot project.



Group 5 (CLUSTERO, INCSMPS, PBN)

Group 5 brainstormed about different TAs and consequent projects out of the three value chains (see picture 7).



Picture 7: Group work of CLUSTERO, INCSMPS & PBN.

As transnational pilot project group 5 focused on a common project within the context of **Horizon Europe.**

Transnational Pilot Projects

Project partner DGO designed a template for all of the groups in order to gather the information necessary of the transnational pilot projects. The following aspects were covered by the template and filled in by the partners:

- Project partners & countries involved
- Short description of the project
- Key objectives of the project
- Target groups of the project including number of potential beneficiaries
- Name & role of SMEs involved in the project



- Assignment to one of the defined value chains
- Location / geographical scope of the project
- Planned start of the project
- Planned duration of the project
- Success KPIs
- Replication potential in another partner/country constellation
- Transferability to other value chains

Each of the five groups completed the template describing their transnational project in detail. All of the value chains (wood & furniture; mechatronics, robotics & automation; mechanical engineering) are represented in one or more projects. Regarding the content, the projects vary from online seminars, testing workshops at CNC machines, the application of 3D printing in health industry to collaborative platforms. Each project partner is at least involved in one of the projects.

At the SCOM #3a in Linz, each group leader presented the project drafts in detail and all of the partners were invited to give feedback. On the basis of this, the groups worked in their individual transnational project one more time and concreted for example the SMEs they're planning to involve.

It should be highlighted that every project has replication potential in other partner / country constellation and some of them are even transferable to other value chains. Most of the projects will be implemented in 2023 or 2024 whereas the project of group #4 and #1 has already started / will take place in 2022.

Conclusion

During the workshop five transnational pilot projects were developed based on the transformative activities out of the Synergy Diamond of the three selected value chains (wood & furniture, mechanical engineering, mechatronics, electronics & automation). Those projects were elaborated and more precisely defined by the project partners using a template. Based on the feedback provided by all of the project partners, the groups specified some of the information needed and concretized the name and role of the SMEs involved. Each project partner is at least involved in one of the projects. Task leader DGO monitored and supported the progress of the five projects, which will be implemented in 2022 – 2024. All in all, the transnational pilot projects are bridging the gap between LSOs/BSOs on the one hand and companies on the other hand by integrating concrete SMEs into the projects.



Annex

All projects in detail:



Integrated capacity building and training programme for DANUBE area labour and business support organisations, local industry and entrepreneurs to enter innovative transnational value CHAINS as PEER-level collaboration partners

DTP3-497-SO1.2

D.T3.1.1 Transnational pilot projects

Name of project partner (group leader): BAYINNO

Country: Austria, Germany

Project partners involved: DGO, CPU, BAYINNO

Authors: DGO, CPU, BAYINNO

Date: 08/02/2022



Transnational Pilot Project DESCRIPTI	ON
---------------------------------------	----

Transnational Pilot Project DESCRIPTION		
Pilot project title	Online Seminar: Digital marketing approaches for	
	the wood value chain and best practices	
Group number (according	Group 1	
to workshop / summary)		
Project partners involved	DGO, CPU, BAYINNO	
Countries Involved	Austria, Germany	
Short description of the	Seminar on digital marketing approaches	
project	including web shop, communication channels,	
	payment method, target group identification, and	
	reaching foreign markets.	
	Language: English	
17 1 1 1 1 1 1 1 1	Location: Online	
Key objectives of the	Knowledge transfer, increasing awareness in	
project	digital marketing practices specifically for wood	
	value chain, increase in turnover for Balkan wood SMEs, establishing transnational networks across	
	the wood value chain in the Danube region	
Target groups of the	Region: Balkan countries	
project including number	Companies: Wood and furniture SMEs	
of potential beneficiaries	Target number: 15 companies	
Name & role of SMEs	Holzforum Allgäu e.V., Germany	
involved in the project	SOUNDCOMB GmbH, Austria	
	SC Lux Artim SRL, Romania	
Assignment to one of the	Wood and furniture	
defined value chains		
Location / geographical	Danube region	
scope of the project		
Planned start of the project	Q2 2023	
Planned duration of the	Q1 – Q2 2023	
project		
Success KPIs	At least 15 companies take part in the training.	
	Online questionnaire: At least 70% improved	
	their knowledge in digital marketing.	
Replication potential in	Seminar in national language	
another partner/country		
constellation		
Transferability to other	Yes	
value chains		



Integrated capacity building and training programme for DANUBE area labour and business support organisations, local industry and entrepreneurs to enter innovative transnational value CHAINS as PEER-level collaboration partners

DTP3-497-SO1.2

D.T3.1.1 Transnational pilot projects

Name of project partner (group leader): Biz-Up

Country: AT

Project partners involved: CCIS, SCSL, Biz-Up

Authors: Eva Breuer, Stefanie Neumayer

Date: 27.01.2022



Pilot project title	Testing XR technology/platform at CNC machines
Group number (according to workshop/summary)	
Project partners involved	Biz-Up, SCSL, CCIS
Countries Involved	AT, SLO
•	Exploring the opportunities of XR
project	technology/platform for trainings of employees at
	CNC machines – Center of Excellence @ SCSL
Izarralata aktora a Eklas	

Transnational Pilot Project DESCRIPTION

Key objectives of the project

- Get to know the XR technology/platform
- Learn how to apply XR technology/platform in a practical example (CNC machine)
- New way of learning and comparison with traditional training methods
- Exchange with other centers of excellence about good practices

Target groups of the project including number of potential beneficiaries Name & role of SMEs involved in the project employees of SLO and AT SMEs and midcaps students

VET teachers

- **KNT d.o.o.** company in the field of testing and automatization
- **Polycom d.o.o.** The company's core activity is the injection molding of plastic products in automated and robot-oriented production. The company's key guidelines are innovation, development and quality.
- **Domel d.o.o**. the leading global development partner in the area of electric motors and components
- LTH Castings d.o.o. Simultaneous engineering, numerical simulations, process development, design finalisation, Die-casting and machining of aluminium parts, prototype and serial tool design and manufacturing
- Decca d.o.o.- is an agent for the entire sales program of the Austrian manufacturer of metalworking machines EMCO in Slovenia, Bosnia and Herzegovina, Macedonia, Montenegro and Kosovo.
- Lotrič Metrology d.o.o. producer of measuring sistems and service on fields: Legal verification of measuring



instruments, pressure Equipment inspection, sterilization equipment compliance, vehicle inspection equipment qualification, process conformity, product certification and management systems

- EMCO GmbH- A solution provider for machining tasks. Emco is committed to being the best solution provider when it comes to machining tasks. All further development is based on this tendency. In addition to the expansion of combined processing, the integration of automation solutions and innovative measurement technologies will play an important role. dr. Hansch believes that Industry 4.0 is another important component. "In cooperation with our partners, we already offer various digitalization packages, which include methods for predictive maintenance, among other things."
- Other knowledge and experience seekers

Mechatronics, robotics & automation (I4.0)

Assignment to one of the defined value chains Location / geographical scope of the project Planned start of the project Planned duration of the project Success KPIs

SLO/AT

2023

upon request of the target groups

Number of trained persons employees of SMEs and midcaps students

VET teachers

Number of new project concept notes Number of established collaborations to use this technology

Replication potential in another partner/country constellation Transferability to other value chains SLO and any other country

wood & furniture value chain



Integrated capacity building and training programme for DANUBE area labour and business support organisations, local industry and entrepreneurs to enter innovative transnational value CHAINS as PEER-level collaboration partners

DTP3-497-SO1.2

D.T3.1.1 Transnational pilot projects

Name of project partner (group leader):

FITT, ZICER

Country: Bosnia and Herzegovina, Croatia

Project partners involved: FITT, ZICER

Authors:

Date:



Transhationar not roject besetti from	
Pilot project title	Collaborative platform 4 digitalization of the wood industry
Group number (according to workshop / summary)	3
Project partners involved	ZICER, FITT
Countries Involved	Croatia, Bosnia and Herzegovina
Short description of the	Project addresses the need for digital
project	transformation of the wood industry (small and medium furniture manufacturers, innovative wood made products) from Croatian and the market of Bosnia and Herzegovina. Project aims to design and develop collaborative platform where providers of advanced technology (3D printing and design; Digital craft; Virtual and Augmented reality; Al including ML; Robotics, web shop developers) will be linked with the digitally underdeveloped manufacturers with an aim to trigger their digital transformation. The platform will also include regularly updated information regarding the potential EU funding of digital transformation in both countries and the educative section about the basics of digitalization. ZICER and FITT will manage the platform and act as a transnational moderators between the digital transformation needs and available technology

Transnational Pilot Project DESCRIPTION

Key objectives of the project

Target groups of the project including number of potential beneficiaries

To trigger transnational digital transformation processes in the wood industry value chains.

- 1. Technology providers (Innovation centres, centres of competencies, ICT companies, business support organizations)
- 2. Furniture manufacturers, innovative wood products developers

Name & role of SMEs involved in the project

B&H

providers.

Industrial Automation do.o. - automation and robotics integrator company

DKR d.o.o. - automation and robotics integrator company, education center



Industrial HUB - digital innovation hub, connection to wood companies and providing access to the HUB's equipment through the creation of an ecosystem

ZEDA - development agency, connection with companies from the wood sector and companies doing web development

Leftor - web page developer, web hosting, web domains, VPS

Chamber of Commerce FB&H - connection with companies from the wood sector

Ministry of Economy Tuzla Canton - connection with companies from the wood sector

Atlantbh - product design, big data, data analytics **Wood cluster Hercegovina, Wood cluster**

"Furniture and wood" Sarajevo - connection with wood companies and other companies from the cluster related to the wood sector

CROATIA

Membrain design Ltd. - production of wooden smart houses

Modulos Furniture Systems Ltd. - design and production of modular furniture

Croatian Wood Cluster – connection with companies from the wood sector

3Dtech Ltd. - 3D Print, DLP technology, CAD modeling, development of mechatronics, engineering solutions

Protosfera Ltd. - product development in the field of modern production technologies (various 3D printing technologies)

SHIPSHAPE Ltd. - development of software solutions, consulting in IT technologies, eCommerce (web shop)

PIČULJAN TECHNOLOGIES Ltd. – Al, state-of-theart deep and machine learning algorithms

RoMb Technologies Ltd. - robotics, mobility, autonomous vehicles, material transport, logistics **Regular Company Ltd.** – multidisciplinary design

studio (digital, product design and brandstrategies)

Prostoria Ltd. – design and production of furniture



Outofbox – production of furniture from natural materials (solid wood, leather, stones); cooperation with designers and furniture manufacturers ProDesign Ltd. – the use of virtual reality in interior design

Assignment to one of the defined value chains Location / geographical scope of the project Planned start of the project Planned duration of the project Success KPIs

wood & furniture

Croatia, Bosnia and Herzegovina

01.01.2024.

31.12.2024. (12 months)

- Online collaborative platform set-up and functional
- 5 technology providers from per country involved joined the platform
- 10 SMEs from the wood & furniture industry per involved country joined the platform
- 2 transnational collaborations initiated during the first year

Replication potential in another partner/country constellation

The proposed project is applicable for implementation in the countries of other project partners, the project partner is only obligated to perform a market analysis to see if such idea needs to be implemented.

Transferability to other value chains

The project idea does not need to be strictly defined to the wood industry, it can focus on other industry branches according to the needs of the country's market and economic potential.



Integrated capacity building and training programme for DANUBE area labour and business support organisations, local industry and entrepreneurs to enter innovative transnational value CHAINS as PEER-level collaboration partners

DTP3-497-SO1.2

D.T3.1.1 Transnational pilot projects

Name of project partner (group leader):IEC Tehnopolis

Country: Montenegro, Serbia

Project partners involved: Ministry of Economic Development

Montenegro, University of Belgrade

Authors:project partners

Date:25.01.2022.



Pilot project title Group number (according to workshop / summary) Project partners involved Countries Involved Short description of the project The first three months May-July: visiting healthcare systems and SMEs in healthcare; gathering information about their needs, the most common problems in their work, the way they solve them (for example, when it comes to packaging and disposing of medical supplies; possible ways to increase the quality of health care to the end user-patient, either by shortening the waiting time for a particular medical procedure or shortening the waiting time to exercise the right to the necessary medical device or aid); In the fourth month from the start of the project (August) is scheduled organizing a panel discussion to exchange information and ideas, as well as deciding on the direction of further work within the project. Next month is scheduled for taking the necessary steps (in terms of initiating procedures related to dealing with the necessary materials) in accordance with the conclusions of the panel discussion, to address the most common causes of delays from the patient's point of view. In the sixth month (October) from the beginning of the project, with the collected necessary information and targeted causes of delays in functioning, it's scheduled the beginning of solving them using 3D printing, according to the rule from simpler to more complex. A month after (November) synchronizing the overall	Transnational Pilot Project DESCRIPTION	
Project partners involved Montenegro, University of Belgrade Montenegro, University of Belgrade Montenegro, Serbia 3D printing can be applied in certain areas of medicine (from biochemical laboratories, to instruments and aids in certain phases of treatment or recovery). Here are just a few: -In prosthetics -In Dental industry -Medical supplies (protection, equipment, packaging, etc.) The first three months May-July: visiting healthcare systems and SMEs in healthcare; gathering information about their needs, the most common problems in their work, the way they solve them (for example, when it comes to packaging and disposing of medical supplies; possible ways to increase the quality of health care to the end user-patient, either by shortening the waiting time for a particular medical procedure or shortening the waiting time to exercise the right to the necessary medical device or aid); In the fourth month from the start of the project (August) is scheduled organizing a panel discussion to exchange information and ideas, as well as deciding on the direction of further work within the project. Next month is scheduled for taking the necessary steps (in terms of initiating procedures related to dealing with the necessary materials) in accordance with the conclusions of the panel discussion, to address the most common causes of delays from the patient's point of view. In the sixth month (October) from the beginning of the project, with the collected necessary information and targeted causes of delays in functioning, it's scheduled the beginning of solving them using 3D printing, according to the rule from simpler to more complex. A month after (November) synchronizing the overall	Pilot project title	Application of 3D printing in health industry
Countries Involved Short description of the project Montenegro, Serbia 3D printing can be applied in certain areas of medicine (from biochemical laboratories, to instruments and aids in certain phases of treatment or recovery). Here are just a few: -In prosthetics -In Dental industry -Medical supplies (protection, equipment, packaging, etc.) The first three months May-July: visiting healthcare systems and SMEs in healthcare; gathering information about their needs, the most common problems in their work, the way they solve them (for example, when it comes to packaging and disposing of medical supplies; possible ways to increase the quality of health care to the end user-patient, either by shortening the waiting time for a particular medical procedure or shortening the waiting time to exercise the right to the necessary medical device or aid); In the fourth month from the start of the project (August) is scheduled organizing a panel discussion to exchange information and ideas, as well as deciding on the direction of further work within the project. Next month is scheduled for taking the necessary steps (in terms of initiating procedures related to dealing with the necessary materials) in accordance with the conclusions of the panel discussion, to address the most common causes of delays from the patient's point of view. In the sixth month (October) from the beginning of the project, with the collected necessary information and targeted causes of delays in functioning, it's scheduled the beginning of solving them using 3D printing, according to the rule from simpler to more complex. A month after (November) synchronizing the overall	(according to	4.
Countries Involved Short description of the project Montenegro, Serbia 3D printing can be applied in certain areas of medicine (from biochemical laboratories, to instruments and aids in certain phases of treatment or recovery). Here are just a few: -In prosthetics -In Dental industry -Medical supplies (protection, equipment, packaging, etc.) The first three months May-July: visiting healthcare systems and SMEs in healthcare; gathering information about their needs, the most common problems in their work, the way they solve them (for example, when it comes to packaging and disposing of medical supplies; possible ways to increase the quality of health care to the end user-patient, either by shortening the waiting time for a particular medical procedure or shortening the waiting time to exercise the right to the necessary medical device or aid); In the fourth month from the start of the project (August) is scheduled organizing a panel discussion to exchange information and ideas, as well as deciding on the direction of further work within the project. Next month is scheduled for taking the necessary steps (in terms of initiating procedures related to dealing with the necessary materials) in accordance with the conclusions of the panel discussion, to address the most common causes of delays from the patient's point of view. In the sixth month (October) from the beginning of the project, with the collected necessary information and targeted causes of delays in functioning, it's scheduled the beginning of solving them using 3D printing, according to the rule from simpler to more complex. A month after (November) synchronizing the overall		· · · · · · · · · · · · · · · · · · ·
Short description of the project 3D printing can be applied in certain areas of medicine (from biochemical laboratories, to instruments and aids in certain phases of treatment or recovery). Here are just a few: -In prosthetics -In Dental industry -Medical supplies (protection, equipment, packaging, etc.) The first three months May-July: visiting healthcare systems and SMEs in healthcare; gathering information about their needs, the most common problems in their work, the way they solve them (for example, when it comes to packaging and disposing of medical supplies; possible ways to increase the quality of health care to the end user-patient, either by shortening the waiting time for a particular medical procedure or shortening the waiting time to exercise the right to the necessary medical device or aidl); In the fourth month from the start of the project (August) is scheduled organizing a panel discussion to exchange information and ideas, as well as deciding on the direction of further work within the project. Next month is scheduled for taking the necessary steps (in terms of initiating procedures related to dealing with the necessary materials) in accordance with the conclusions of the panel discussion, to address the most common causes of delays from the patient's point of view. In the sixth month (October) from the beginning of the project, with the collected necessary information and targeted causes of delays in functioning, it's scheduled the beginning of solving them using 3D printing, according to the rule from simpler to more complex. A month after (November) synchronizing the overall		
medicine (from biochemical laboratories, to instruments and aids in certain phases of treatment or recovery). Here are just a few: -In prosthetics -In Dental industry -Medical supplies (protection, equipment, packaging, etc.) The first three months May-July: visiting healthcare systems and SMEs in healthcare; gathering information about their needs, the most common problems in their work, the way they solve them (for example, when it comes to packaging and disposing of medical supplies; possible ways to increase the quality of health care to the end user-patient, either by shortening the waiting time for a particular medical procedure or shortening the waiting time to exercise the right to the necessary medical device or aid); In the fourth month from the start of the project (August) is scheduled organizing a panel discussion to exchange information and ideas, as well as deciding on the direction of further work within the project. Next month is scheduled for taking the necessary steps (in terms of initiating procedures related to dealing with the necessary materials) in accordance with the conclusions of the panel discussion, to address the most common causes of delays from the patient's point of view. In the sixth month (October) from the beginning of the project, with the collected necessary information and targeted causes of delays in functioning, it's scheduled the beginning of solving them using 3D printing, according to the rule from simpler to more complex. A month after (November) synchronizing the overall		
Work it's scheduled organizing a meeting at Which a	·	medicine (from biochemical laboratories, to instruments and aids in certain phases of treatment or recovery). Here are just a few: -In prosthetics -In Dental industry -Medical supplies (protection, equipment, packaging, etc.) The first three months May-July: visiting healthcare systems and SMEs in healthcare; gathering information about their needs, the most common problems in their work, the way they solve them (for example, when it comes to packaging and disposing of medical supplies; possible ways to increase the quality of health care to the end user-patient, either by shortening the waiting time for a particular medical procedure or shortening the waiting time to exercise the right to the necessary medical device or aid); In the fourth month from the start of the project (August) is scheduled organizing a panel discussion to exchange information and ideas, as well as deciding on the direction of further work within the project. Next month is scheduled for taking the necessary steps (in terms of initiating procedures related to dealing with the necessary materials) in accordance with the conclusions of the panel discussion, to address the most common causes of delays from the patient's point of view. In the sixth month (October) from the beginning of the project, with the collected necessary information and targeted causes of delays in functioning, it's scheduled the beginning of solving them using 3D printing, according to the rule from simpler to more complex.



cross-section of what had been done so far would be made.

It is desirable to introduce the practice of regular monthly meetings (online or live), at which a timely overview of what has been done would be made and possible proposals for improving or emphasizing the specific procedure according to the current needs of the health system would be presented. Also, plans for the next month would be made at regular monthly meetings, in accordance with the needs of individual health institutions participating in the project. It is desirable, in order to better plan and evaluate project activities, to introduce practice of regular quarterly meetings, in order to ensure that the running-in of all project participants is at the appropriate level.

Application of 3D printing in health industry starting on May 5th, 2022.	
2022	<i>j</i> ,
May	-visiting healthcare institutions and SMEs in healthcare sector; -gathering information
June	about their needs, the most common problems in their work, the way they'd like to solve them
July	(for example, in a pandemic conditions; or possible ways to increase the quality of health care to the end user-patient, either by shortening the waiting time for a particular medical procedure or shortening the waiting time to exercise the right to the necessary medical device or aid; or when it comes to packaging and disposing of medical supplies)



-organizing a pane discussion to exchainformation and id well as deciding or		
information and id		
	_	
	n the	
direction of further	r work	
within the project;		
September -in accordance w		
conclusions of the	•	
discussion, takin	_	
necessary steps (in of initiating productions)		
related to dealing v		
necessary materi		
address the	most	
common causes o	of delays	
from the patient's	point of	
view;		
	ollected	
necessary info		
and targeted can delays in function		
beginning of solvir		
using 3D p	_	
according to the		
from simpler to		
complex.		
November -organizing a mee		
which a cross-sec		
what had been dor would be made.	ne so tar	
- regular r	monthly	
meeting	lioriting	
	monthly	
meeting		
2023		
January		
	monthly	
meeting		
- regular quarterly meeting		
5	monthly	
meeting	rioritiny	
April - regular monthly	Ü	
meeting		



May	- regular monthly meeting - regular quarterly meeting -Year from the beginning of the project: marking the anniversary of the beginning of the project with an event where all participants in the project will present their views on what has been achieved so far, as well as proposals for possible improvement of functioning in the next period.
June	- regular monthly meeting -mutual visits of project participants; direct acquaintance with the achievements during the project compared to the previous situation
July	- regular monthly meeting -mutual visits of project participants; direct acquaintance with the achievements during the project compared to the previous situation
August	- regular monthly meeting - regular quarterly meeting
September	- regular monthly meeting
October	- regular monthly meeting
November	- regular monthly meeting - regular quarterly meeting



December	- regular monthly meeting -an event on which the participants of the project will present a retrospective of what was done in the previous year will be presented, the problems that the participants faced, as well as ways to overcome problems.
2024	
January	- regular monthly meeting
February	regular monthly meetingregular quarterly meeting
March	- regular monthly meeting -organizing a workshop for potentially interested in project replication
April	- regular monthly meeting
May	- regular monthly meeting - regular quarterly meeting marking the end of the project: an event on which the results achieved during the project will be presented, as well as positive changes in the way it works, which can serve as an example of good practice for a future project with a similar focus.

Key objectives of the -Increasing the scope of cooperation between the project | innovation and health sectors

-Increasing the quality of services in the health sector



Target groups of the project including number of potential beneficiaries Name & role of SMEs involved in the project

Public hospitals, private hospitals, laboratories, dental organizations, pharmacies, SMEs in healthcare

CODRA Hospital, service user (private hospital, Montenegro)

Milmedika, service user (Pioneer of private entrepreneurship in healthcare in Montenegro) Rudo Inc-partner in the production of specific aids (the largest and most famous brand that Serbia has in the field of orthopedics present throughout the region) MediGroup, service user (as the largest and only comprehensive private health care system in Serbia and the region)

Assignment to one of the defined value chains Location / geographical scope of the project Planned start of the | 05.05.2022 project Planned duration of 24 months

the project

Mechanical engineering

Montenegro, Serbia

- Success KPIs | Shortening the waiting time for adequate health care
 - Better health service
 - Increasing the quality of medical equipment

The project has a potential for being replicated in another country with taking into account the degree another partner/country of cooperation between sectors (the innovation and constellation health sector) so far.

Replication potential in Transferability to other value chains

This project is transferable to value chain Mechatronics, Electronics and Automation. Bearing in mind the proximity of value chains, 3D printing is directly related to Mechatronics, Electronics. Automation and to the extent that more efficient solutions are found in these areas. consequently 3D printing becomes more efficient.



Integrated capacity building and training programme for DANUBE area labour and business support organisations, local industry and entrepreneurs to enter innovative transnational value CHAINS as PEER-level collaboration partners

DTP3-497-SO1.2

D.T3.1.1 Transnational pilot projects

Name of project partner (group leader):

CLUSTERO

Country: Romania, Hungary

Project partners involved: CLUSTERO,

INCSMPS, PBN

Authors: Daniela Pașnicu, Zsófia Kocsis,

Date: 08.02.2022





Transnational Pilot Project DESCRIPTION

Pilot project title

Anticipating and development knowledge on intelligent production and value chains based through knowledge-brokering focused on smart data for decision making

Group number (according to workshop / summary)

5

Project partners involved Countries Involved Short description of the project

CLUSTERO, INCSMPS, PBN

Romania, Hungary

Transnational cooperation and value chains are a key component of smart specialization strategies involves exchange of knowledge. Production process digitalization can cause worrying imbalances in the labor market and gap between demand and supply of skills. The MAIN OBJECTIVE of the project is to empower interaction between academia, Labour market Support Organizations (LSO), Business Support Organizations (BSO) and SMEs in knowledge management on smart specialization and develop capacity for evidence-informed decision making through organization of knowledge-brokering events.

Key objectives of the project

- interaction between academia, LSOs, BSOs and users to identify issues and problems for which solutions are required and best practices
- initial and ongoing needs assessments;
- relationship development
- organizational capacity development
- matching demand -supply of skills/management of competences
- peer learning activities
- smart data, collect data, research data concerning labor market, training
- training program development on digitalization production process

Target groups of the project including number of potential beneficiaries

Researchers/academia staff

LSOs

BSOs

SMEs

Name & role of SMEs involved in the project

Name:

- Local production companies (They can help us with data about the current trainings and its success).





 Local municipality (They can help us with a lot of data connected to the labor market in the region)

Role:

- Capitalize the issues and problems for which solutions are required in the specialization process and best practices;
- Feedback for smart data (solutions, research studies, analysis, training programs, etc.)

Assignment to one of the defined value chains Location / geographical scope of the project Planned start of the project Planned duration of the project Success KPIs

Mechanical Engineering

Danube region

January 2023

2 years

Possible KPIs:

- Development an expert group from LSOs' and BSOs' representatives.
- Preparation of strategy which contains all the suggested necessary steps for the development of the connection between LSOs and BSOs and SMEs to (re)train employees successfully.

Replication potential in another partner/country constellation

It is possible to transfer this project to other partner countries if a supportive LSO, BSO, and SME network is available to facilitate possible change.

Transferability to other value chains

Wood &Furniture

value chains | Mechatronics, Automation, Electronics

