

WPT4

D.T4.2.4

Transnational industrial innovation agendas

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Abbreviations

IGA – Innovation and Growth Alliance

TIA – Transnational Innovation Activities

TIAW – Transnational Innovation Agenda Workshop

TIIA - Transnational industrial innovation Agenda

TIIR – Transnational Industrial Innovation Roadmap

TNIS – Transnational networks of innovations stakeholders



1 INTRODUCTION

CHAIN REACTIONS project addresses the challenge for industrial regions not benefitting from innovation activities from large leading corporations to increase regional capacity to absorb new knowledge and turn it into competitiveness edge and business value. There is a strong need to help SMEs to overcome capacity shortages for innovation and integration into transnational value chains. The project aims at empowering regional ecosystems with the knowledge and tools to help businesses overcome those barriers and generate sustained growth through value chain innovation.

In order to create transnational open spaces for collaboration (e.g. value chain based) the activities for Building open collaboration spaces for transnational RIS3 implementation (WPT4), will be based on previous project activities, mostly IGAs established in each of the target regions (O.T2.1) and Value chain innovation models and instruments implemented in each target region as a driver to S3 (O.T3.2).

More specifically, the activities for preparation of Transnational industrial innovation agendas (A.T4.2) will be based on Thematic industrial innovation roadmaps (O.T4.1), which have been developed in each of the selected industrial sectors by transnational networks of relevant innovations stakeholders will be established and build on identified technological and societal trends of potential innovative developments (technologies, processes, business models and their interactions).

Each **transnational industrial innovation agenda**, i.e. concrete innovation activities to be performed in the project regions and transnationally in order to realise the necessary development identified in the roadmaps and ensure industrial leadership in the selected industrial sectors, will be based on the outcomes of the 2nd TIAW.

The agendas will be coherent with S3 in the project regions and will provide the basis for potential future joint activities and transnational investments.

Overall, the thematic innovation agendas are one of the three outputs within the WPT4, linking the identified potential with plans for transnational exploitation:

- O.T4.1 Thematic industrial innovation roadmaps;
- **O.T4.2 Thematic innovation agendas;**
- O.T4.3 Thematic transnational exploitation plans and open collaboration spaces.



2 TIIA FOR THE ICT and electronics sector

2.1 Background

The TIIA is based on the previous project activities:

- D.T4.1.2 - establishing transnational networks of innovations stakeholders for the ICT and electronics sector,
- D.T4.1.6 - transnational industrial innovation roadmap workshop,
- D.T4.1.8 - transnational industrial innovation roadmap for the ICT and electronics sector
- D.T4.1.17 - industrial innovation workshop for the ICT and electronics sector in the regions of Croatia and Košice,
- D.T4.2.1 - transnational innovation agenda workshop 1, and
- D.T4.2.2 - Transnational innovation agenda workshop 2.

During the TIAW #2 the following TIA were proposed:

Name of TIA
<i>1) Trainings and seminars to encourage women in IT at the transnational level in Croatia and Slovakia - WIT</i>
<i>2) Series of networking events to help developed the transnational and cross-sectoral relationships between Slovakia, Croatia and Czech Republic - SK, CRO, CZ NET</i>
<i>3) Extension of virtual democentre</i>



2.2 Expected impact

Within the partnership of the project Chain Reaction CCE-ZCC and KEITVA prepared the Transnational Innovation Agenda for the ICT and electronics sector. The main impact that the partnership expects to reach, by implementing the first activity is to encourage women to study and work in IT and support the development of the IT community. In the second activity the impact should be deepen relationship amongst Slovak, Croatia and Czech Republic SMEs, exchange of knowledge and creating a positive transnational environment. Third activity intends to enrich the content of the virtual democentre, a web based platform for sharing the good practice examples of solutions for advanced manufacturing. The demonstrators are promoting the utilization of different techniques and technologies that can boost the digitization activities in SMEs. On one hand, the demonstrators can trigger the innovation activities in companies and on the other hand, they can promote specific solution providers and their products or services.



2.3 TIIA overview

Transnational industrial innovation agenda for the ICT and electronics sector in Croatia and Košice Region

Name of TIA	Timeframe	Partners involved	Expected impact	Estimated costs	Source of founding	Geographical scope
Trainings and seminars to encourage women in IT at the transnational level in Croatia and Slovakia (WIT)	2023-25	Kosice IT Valley, Global Logic Slovakia, Croatian Chamber of Economy - Zadar County Chamber DIGITALI	Encourage women to study and work in IT. Knowledge transfer of the similar topic in other regions and countries. Support of development of IT community.	500 EUR	Each partner	Transregional (Slovakia/Croatia/Czech Republic)
Series of networking events to help developed the transnational and cross-sectoral relationships between Slovakia, Croatia and Czech republic (SK, CRO, CZ NET)	2023-25	Kosice IT Valley, Stakeholders, IGAs members of Kosice IT Valley Croatian Chamber of Economy - Zadar County Chamber RDA	The impact of the activities should be deepen relationship amongst Slovak, Croatia and Czech republic SMEs, exchange of knowledge and creating positive transnational environment	1000 EUR	Each partner	Transregional (Slovakia, Croatia, Czech Republic)
Extension of virtual democentre	From 2022 ongoing activity	RDA Pilsen, KEITVA, CCE-ZCC	The demonstrators are promoting utilisation of different techniques and technologies that	None. The cost for this activity is included in the normal operation	None	Transregional (Slovakia, Croatia, Czech Republic)



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			can boost the digitisation activities in SMEs. On one hand the demonstrators can trigger the innovation activities in companies and on the other hand they can promote specific solution providers and their products or services.	of the partners.		
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2.4 TIIA description

2.4.1 Trainings and seminars to encourage women in IT at the transnational level in Croatia and Slovakia (WIT)

<p>Our TIA focuses on supporting girls/women to study or work in the ICT sector. This action should tell us more of the status of the women in ICT sector in Slovakia and Croatia. In the workshop we have realised that we have similar issues. The action content of educational and inspirational workshops/webinars.</p>
<p>Kosice IT Valley – organizing workshops/webinars Global Logic Slovakia – Providing speakers and professionals to the workshops Croatian Chamber of Economy - Zadar County Chamber – co-organizer of workshops / webinars DIGITALI – Providing speakers and professionals to the workshops (each partner will fund their own workshops)</p>
<p><i>[proposed starting date]</i> 28.4.2023 (International Women’s day in IT)</p>
<p><i>[duration]</i> 2023 - 2025</p>
<p><i>[region of implementation]</i> Transregional (Slovakia/Croatia/Czech Republic)/ online</p>
<p><i>[estimated cost]</i> 500 Euro per workshop/webinar if not organised online</p>
<p><i>[external needs]</i> Catering,</p>
<p><i>[describe how the proposed activity will contribute to the expected impact]</i> Set of educational events and campaigns to promote the study of IT, the entire sector and support the local IT community. A particular focus is on educating and building the local IT community, girls and women in IT. This part of the population has great potential (in Slovakia, only 13.7% of women work in this area.) Encourage women to study and work in IT—knowledge transfer of the similar topic in other regions and countries. Support the development of the IT community. The community has great potential. Supporting women to study and work in the ICT sector can significantly impact the future workforce in all industries. The expected result is to Encourage women to study and work in IT and to encourage them. It will be also very important to exchange experience.</p>
<p><i>[how are the expected impacts linked to the regional/national policies or strategy documents of one or more regions of implementation, or EU level documents]</i> 26 European Member States and Norway have signed a declaration to encourage women to play an active and prominent role in the digital and technology sectors. The signatory states have committed themselves to cooperating with public authorities and representatives of the public and private sectors, as well as with civil society in working on the causes of the phenomenon of underrepresentation of women in this sector.</p>

2.4.2 Series of networking events to help developed the transnational and cross-sectoral relationships between Slovakia, Croatia and Czech Republic (SK, CRO, CZ NET)

<p>Series of networking events held online/physical that will be present transnational partners and cross-sectoral members of each cluster. The events should deepen the relationship between Slovak Croatian and Czech Republic SMEs.</p>



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<p>Kosice IT Valley, - organize an event Stakeholders, IGAs members of Kosice IT Valley – attend the events Croatian Chamber of Economy - Zadar County Chamber – Organized an event RDA – organized an event</p>
<p><i>[proposed starting date]</i> May 2023</p>
<p><i>[duration]</i> 2023 - 2025</p>
<p><i>[region of implementation]</i> Transregional (Slovakia/Croatia/Czech Republic) / online</p>
<p><i>[estimated cost]</i> 1000 Euro</p>
<p><i>[external needs]</i> Catering</p>
<p><i>[describe how the proposed activity will contribute to the expected impact]</i> In order to bring valuable know-how and ensure the subsequent development of the region, which would contribute to maintaining competitiveness and result in the creation of a strategy, the clusters would like to organize series of networking events. Series of networking events held online/physical that will be present transnational partners and cross-sectoral members of each cluster. The impact of the activities should be deepen relationship amongst Slovak, Croatia and Czech republic SMEs, exchange of knowledge and creating positive transnational environment.</p>
<p><i>[how are the expected impacts linked to the regional/national policies or strategy documents of one or more regions of implementation, or EU level documents]</i> Promoting and encouraging the development of the ICT industry is in almost all strategic documents of the EU, national and regional authorities. All forms of cooperation in this field are in line with the guidelines from these strategic documents. Zadar County and the City of Zadar have close relations - twinning with cities and regions in all European countries in order to improve social and economic ties, mutual development of tourism, sports and culture. In these relations, the Croatian Chamber of Economy is the coordinator of economic cooperation, and the cooperation of entrepreneurs in ICT will increase other transregional cooperation.</p>

2.4.3 Extension of virtual democentre

<p>The aim of this activity is to enrich the content of the virtual democentre, a web based platform for sharing the good practise examples of solutions for advanced manufacturing.</p>
<p>Regional development agency of Pilsen region – responsible for maintenance of the virtual democentre Kosice IT Valley – contribution with the demonstrators Croatian Chamber of Economy - Zadar County Chamber – contribution with the demonstrators Kodium Pro Ltd. and other suitable companies from the hackathon – contribution with the demonstrators</p>
<p><i>[proposed starting date]</i> 1.4.2022</p>
<p><i>[duration]</i> Not limited, ongoing activity</p>



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<p><i>[region of implementation]</i> Transregional (Slovakia/Croatia/Czech Republic)</p>
<p><i>[estimated cost]</i> None. The cost for this activity is included in the normal operation of the partners.</p>
<p><i>[external needs]</i> None</p>
<p><i>[describe how the proposed activity will contribute to the expected impact]</i> The demonstrators are promoting utilisation of different techniques and technologies that can boost the digitisation activities in SMEs. On one hand the demonstrators can trigger the innovation activities in companies and on the other hand they can promote specific solution providers and theirs products or services.</p>
<p><i>[how are the expected impacts linked to the regional/national policies or strategy documents of one or more regions of implementation, or EU level documents]</i> The proposed activity is completely consistent with several European strategies that are aiming for the fostering of the digital competencies. The main strategies are the Shaping Europe’s digital Future and a European Data Strategy. In the partnering regions the activity is in line with the regional smart specialization strategies.</p>



3 Conclusions

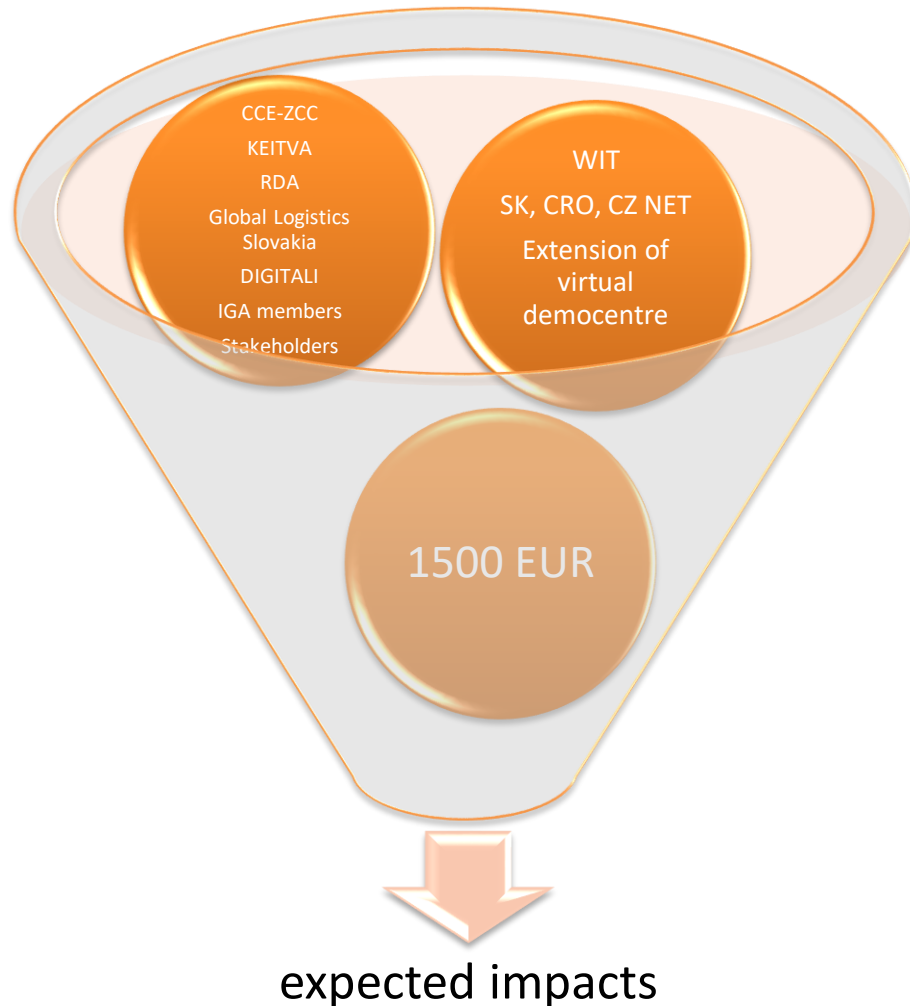
By implementing the Transnational industrial innovation agenda for the ICT and electronics sector the CCE-ZCC and KEITVA expects to achieve:

- 1) Encourage women to study and work in IT and support the development of the IT community, deepen relationship amongst Slovak, Croatia and Czech Republic SMEs,
- 2) Exchange of knowledge and creating a positive transnational environment
- 3) To enrich the content of the virtual democentre, a web based platform for sharing the good practice examples of solutions for advanced manufacturing.

The total cost of foreseen activities is 1500 EUR, which are foreseen to be covered by project partners (CCE-ZCC, KEITVA and RDA).



Annex 1: TIIA Graphical presentation



- Encourage women to study and work in IT and support the development of the IT community, deepen relationship amongst Slovak, Croatia and Czech Republic SMEs,
- Exchange of knowledge and creating a positive transnational environment
- To enrich the content of the virtual democentre, a web based platform for sharing the good practice examples of solutions for advanced manufacturing.



Annex 2: Participating TNIS members

Activity participant	Short description of the participant
Croatian Chamber of Economy – Zadar County Chamber	The Croatian Chamber of Economy is an independent professional and business organization of all legal entities engaged in business. It was established in 1852, and it is the oldest Croatian economic institution with continuous action. Territorially, the CCE consists of Headquarters in Zagreb and 20 County Chambers. One of them is the Zadar County Chamber, which is located in the city of Zadar, with the fundamental task of representing the interests of its members and cross-sectoral action for specific industries and professional groups.
Kosice IT Valley	The Košice IT Valley cluster’s mission is to create a business-friendly environment supporting all forms of cooperation and innovation within the region of Eastern Slovakia, supporting the sustainability and competitiveness of IT companies worldwide. We also focus on creating and bringing job positions with higher added value to the region within individual entities’ cooperation
Regional Development Agency of the Pilsen Region	The Regional Development Agency of the Pilsen Region (RDA) is a non-profit company, which was established in 2000. RDA is part of a network of development agencies in the Czech Republic. The mission of our organization is to provide professional consulting services to local governments in the Pilsen region and to support the economic and social development of the region. The scope of our work is concentrated on creation of concepts, strategies and analyzes; education and awareness; support of international cooperation; networking and project preparation and administration.
GlobalLogic Slovakia	GlobalLogic, a Hitachi Group Company, is a leader in digital product engineering. By integrating their strategic design, complex engineering, and vertical industry expertise with Hitachi’s Operating Technology and Information Technology capabilities, they help their clients imagine what’s possible and accelerate their transition into tomorrow’s digital businesses. GlobalLogic operates design studios and engineering centers around the world, extending their deep expertise to customers in the automotive, communications, financial services,



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	healthcare & life sciences, media and entertainment, manufacturing, semiconductor, and technology industries.
Deutsche Telekom IT Solutions Slovakia	They are transforming into a modern company to be able to provide an innovative types of information and communication technology services. The future based on digital technologies is the one they want to shape together. Deutsche Telekom IT Solutions Slovakia is a synonym of progress, high quality and customer satisfaction.
DIGITALI	DIGITALI is an IT company from Zadar that deals with the development of innovative solutions and mobile applications. Their solutions boost the clients business and provide new digital experiences through development based on research, strategy, design and state-of-the-art technologies.
Kodium Pro Ltd.	Kodium Pro Ltd. from Zagreb is a small IT company consisting of a team of developers with many years of experience in developing IoT and SaaS solutions. They participated in the <i>Hackathon</i> as part of the CCE-ZCC pilot and won first place with a solution called the <i>KIES platform (Kodium Intelligent Energy Saver)</i> .