

WPT4

D.T4.3.3

Transregional exploitation plan for
Energy and Environment sector

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Abbreviations

IGA – Innovation and Growth Alliance

TIA – Transnational Innovation Activities

TIIA - Transnational industrial innovation Agenda

TEP – Transnational Exploitation Plan

OCS – Open Collaboration Space



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 **Thematic transnational exploitation plans and open collaboration spaces** (O.T4.3) 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) and **Thematic innovation agendas** (O.T4.2).

For the purpose of setting up Thematic transnational exploitation plans and open collaboration spaces two activities will take place:

- A.T4.3.1-5: Transregional exploitation plan (TEP) for each of the 5 identified sectors
- A.T4.3.6-10 Transnational open space (TOS) for each of the 5 identified sectors

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 TEP for the Energy and Environment sector

2.1 Background

The TEP is based on the previous project activities:

- D.T4.1.6 - transnational industrial innovation roadmap workshop,
- D.T4.1.9 - transnational industrial innovation roadmap for the Energy and Environment sector,
- D.T4.2.2 - Transnational innovation agenda workshop 2,
- D.T4.2.5 - Transnational industrial innovation agenda for the Energy and Environment sector.

The Transnational Industrial Innovation Agenda (TIIA) for the Energy and Environment sector, is aiming to achieve exchange of experience and knowledge as well as joint cooperation of companies in the fields of transport (of both cargo and people) and logistics, where impact on the environment can be achieved especially by optimisation of the consumption of energy and usage of alternative energy sources.



2.2 TEP setup

Transregional exploitation plan for the Energy and Environment sector, based on the TIIA of the Vzhodna Slovenia (SI03) Podravje (SI032) and Oberpfalz (DE23) Regensburg, Landkreis (DE238) NUTS3 regions.

Transnational industrial innovation agenda for the Energy and Environment sector.

Name of TIA	Timeframe	Partners involved	Expected impact	Estimated costs	Source of founding	Transnational stakeholders
Optimisation of public transport	2022 - 2026	Municipality of Maribor (Strategy for Smart City Maribor) Regional Development Agency for Podravje – Maribor (technical support for implementation of the strategy)	Reduced energy consumption in public transport due to implementation of smart technologies	350.000 EUR	Municipal budget, national funding in Slovenia	Memorandum of Understanding signed between STP (representing regional network of Podravje) and R-Tech (representing the Cluster: Mobility and Logistics).



2.3 Stakeholder role within TEP

The following stakeholders of Vzhodna Slovenia (SI03) Podravje (SI032) and Oberpfalz (DE23) Regensburg, Landkreis (DE238) NUTS3 regions will be responsible for the implementation of the TEP.

Stakeholder	Region	Role within TEP
Styrian Technology Park	Podravje	Contact point and coordinator of activities within the region of Podravje
R-Tech	Regensburg, Landkreis	Contact point and coordinator of activities within the region Of Regensburg, Landkreis
Municipality of Maribor	Podravje	Implementation of smart solutions in public transport mobility
Regional Development Agency for Podravje – Maribor	Podravje	Support in implementation of smart solutions in the region of Podravje



3 Conclusions

The PP2 – STP and PP10 – R-Tech PP will provide the networking among key stakeholders in Vzhodna Slovenia (SI03) Podravje (SI032) and Oberpflaz (DE23) Regensburg, Landkreis (DE238) NUTS3 regions in order to contribute to the Output O.T4.3 Thematic transnational exploitation plans and open collaboration spaces in the thematic sector of Energy and Environment.

RDAPM will support the initiatives from the TEP and OCS by developing them into ideas that can apply for project funding of either regional, national, or international funding.

MoM will closely follow the initiatives of TEP and OCS and will also contribute with its own initiatives for topics that can directly be implemented as part of ongoing or future projects of the municipality, such as Energy monitoring of e-vehicles (part of efficient use of energy in public transport).