



OUTPUT FACT SHEET

Strategies and action plans

Version 2

Project index number and acronym	CE1519 CHAIN REACTIONS
Output number and title	O.T4.2 (5/5) Transnational Innovation Agenda for Bioeconomy sector
Responsible partner (PP name and number)	Wroclaw Technology Park (WTP); PP7 Bioeconomy Cluster (BEC); PP9
Project website	https://www.interreg-central.eu/Content.Node/CHAINREACTIONS.html
Delivery date	March 31, 2022
Summary description of the strategy/action plan (developed and/or implemented), explaining its main objectives and transnational added value	

Transnational network of innovations stakeholders for the bioeconomy sector is based on the quintuple helix system managed by project partner duo PP7 WTP and PP9 BEC with the objectives to:

- Support and manage the transnational data driven decisions in dairying, supporting bioeconomy and
- Organize, support, and manage the bioeconomy sector.

This will in practice be done through cooperation in green and digital transition of the agri-food sector, which was achieved by transferring experience and knowledge of WTP (and other project partners) to establish the DIH. Along with DIH, an ongoing transregional exchange of good practices, among SMEs in the bioeconomy sector, focused on increasing the efficiency of the implementation of technological solutions within Industry 4.0 and ICT sectors will be upheld by WTP.

Both will lead to the increased use of new technologies in the SME's sector.

Ultimately, this will be achieved by the transnational innovation activity within the TIN, which is achieving the Digital transition of the agri-food sector in Slovakia.

BEC, as the DIH in agri-food in Slovakia will search for funding opportunities for the activities of DIH, along with other DIH stakeholders, while WTP provides knowledge on digitalization topics, share experience and best practice examples and facilitate access to its technological line, which can be used mainly in life science industry, particularly in food, dietary supplements and bioactive substances sector.

NUTS region(s) concerned by the strategy/action plan (relevant NUTS level)

NUTS regions on NUTS2 level that are concerned in the implementation of the agenda are:
Dolnośląskie (PL51) in Poland, and
Západné Slovensko (SK02) in Slovakia.

Expected impact and benefits of the strategy/action plan for the concerned territories and target groups

The main impact of the joint activity is the digital transformation of agri-food sector in Slovakian Nitra region. This will be achieved by support of digitalization in the Western Slovakian region through the cooperation of 4 key stakeholders: Slovak University of Agriculture in Nitra, National Agricultural and Food Centre, WTP/EDIH Wroclaw, Balluff).

The digitalization of the sector will benefit the end user, as well as the development sector for the region, which will be governed in a smart way. As the activity is in its early implementation phase, no current results can be visible.

The total estimated value for the 4 year activities is 5.000.000 dollars. The main impact of the joint activity is the digital transformation of agri-food sector in Slovakian Nitra region.

Sustainability of the developed and/or implemented strategy/action plan and its transferability to other territories and stakeholders

This activity is planned to take place since 2021.

The methodology for obtaining data about energy consumption of e-buses and the guidelines for optimization are planned to be made available publicly, therefore other territories will be able to implement the same methodology achieving raised awareness and better utilization of companies through digitalization.

In such a way the end users (users of services) becomes beneficiary, as well as the staff which has received better services.

References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

List of relevant deliverables and outputs:

D.T4.2.1-5 Transnational innovation agenda workshop #1 organized separately by PP7 (WTP) and PP9 (BEC)

D.T4.2.2-5 Transnational innovation agenda workshop #2 organized jointly by PP7 (WTP) and PP9 (BEC)

D.T4.2.7 - Transnational industrial innovation agenda for Bioeconomy sector

O.T4.2-5 - Transnational Innovation Agenda for the Bioeconomy sector

The deliverables and outputs can be found under the section of DELIVERABLES on the project website:

<https://www.interreg-central.eu/Content.Node/CHAIN-REACTIONS.html>