

ACTION PLAN
of Project Partner 5 & Project Partner 6
(Marshall Office of the Podkarpackie Region – PP5 &
Rzeszow University of Technology - PP 6)

August 2018

Introduction

This **action plan** is a document providing details on **how** the lessons learnt from the P2L2 project will be exploited in order to improve the policy instrument tackled within Podkarpackie Voivodship. It specifies the nature of the actions to be implemented, their timeframe, the players involved, the costs and funding sources.

Part I – General information

Project: Public Policy Living Lab (P2L2, PGI00013)

Partner organisation: Marshall Office of the Podkarpackie Region - PP 5

Other partner organisations involved: Rzeszow University of Technology - PP 6

Country: Poland

NUTS2 region: Podkarpackie Region

Contact person: Marcin Garlak / Maciej Chrzanowski

email address: m.garlak@podkarpackie.pl / mc@prz.edu.pl

phone number: +48 17 747 64 57 / +48 723 136 250

Part II – Policy context

The Action Plan aims to impact:

- * **Investment for Growth and Jobs programme**
- European Territorial Cooperation programme
- Other regional development policy instrument

Name of the policy instrument addressed:

Regional Research and Innovation Strategy for Podkarpackie Voivodship for the years of 2014-2020 for smart specialization (RIS3)

Part III – Details of the actions envisaged

ACTION 1

1. The background

All regions which are taking part in P2L2 project as well as the other European regions have to face it to requirements of European Commission in the field of implementing a number of activities related to the improvement and dissemination of the entrepreneurial process of discovery (EDP as the most important instrument for creating, implementing and updating RIS3 strategies). Which will improve the existing ecosystem of innovation, stimulating cooperation between enterprises and the research and development sector.



In Podkarpackie Region Smart Specialization Panels are a key element of the regional entrepreneurial process of discovery foreseen in the Podkarpackie Innovation System. Panels are systematic, creative meetings of stakeholders associated with a specific smart specialization. The panels are made up of entrepreneurs, representatives of the R&D&I sector, business environment institutions and other stakeholders interested in the development of areas defined as smart specializations.

Thanks to the P2L2 project, was observed the there is a need to expand stakeholders involvement in the EDP process and their focusing on advanced materials. Not only within the smart specialization of aviation and astronautics but also in the automotive and quality of life smart specializations.

The P2L2 project has also shown that there is a problem in European regions of unexploited potential in the R&D ecosystem (in particular, relatively low, although gradually increasing, level of intensity of business – university collaboration and low level of commercialization), which was also identified by the European Commission and World Bank in Podkarpackie Region.

Taking into account the above there is a need to develop a new model of Podkarpackie Innovation System which will increase the activity of regional stakeholders (eg. representatives of entrepreneurs, academic, business environment institutions and clusters) in the implementation and monitoring of RIS3 strategy (especially in the field of advanced materials in smart specialisation areas), including through their involvement in the Smart Specialisation Panels.

Based on the P2L2 study visits the good practices especially from Denmark where the inspiration to be implemented in Podkarpackie Region:

- **Cluster Forum**

The Danish Cluster Forum was established in 2013 as a platform for discussions between actors across the national, regional level and local levels. The aim of the Cluster Forum is to facilitate dialogue, cooperation and cohesion between policy levels and actors. Among the deliveries of the Cluster Forum is an overview of the Danish cluster landscape, as well as the establishment of a set of common criteria to decide what a cluster is and to distinguish it from other initiatives.

The Danish Cluster Forum has been inspiration for implementing the new elements of Entrepreneurial Discovery Process (EDP): Smart Specialization Meta-Panel and Advanced Materials Working Group (within Aviation and Aeronautics S3 Panel). Those new elements of the EDP will allow to increase the participation of regional stakeholders.

Meta – panel: it will be a dedicated panel for representatives of all the smart specializations of Podkarpackie, including clusters, entrepreneurs, universities and business environment institutions. It will be a great opportunity to cooperate and look for synergy between representatives of all Podkarpackie smart specializations. Meta - Panel will be organized at least once a year.

It was also noticed that in other regions participating in the P2L2 project, advanced materials constitute a separate smart specialization or it is described as A Key Enabling Technologies supporting specialization. In the Podkarpackie Voivodship, advanced materials and technologies for their production (including single crystals and composite materials, advanced production systems, semiconductors, biotechnologies resulting from biomimetics and bionics) are used in all smart specializations.

Creating a working group for advanced materials means new development opportunities for virtually every sector and industry, generally the whole of society and the economy of Podkarpackie Region.

Advanced Materials Working Group (within Aviation and Aeronautics Panel): organization of a working group devoted to advanced materials. The aim of this group will be developing potential project proposals in the field of advanced materials that can be submitted, for example, in national and regional operational programs or apply for co-financing from other sources, including especially



those financed from EU funds. The working group will be open to join by representatives of all Podkarpackie Smart Specializations.

- **NAVITAS**

NAVITAS, which is a newly established collaboration between Aarhus Maskinmesterskole, the engineering faculty at Aarhus University and INCUBA A/S. The organizations have joined forces to create a powerhouse for education, research, innovation and entrepreneurship.

This is going to be a benchmark for Podkarpackie Center for Innovation (PCI). PCI will play an important role in the new model of Podkarpackie Innovation System.

NAVITAS as a whole idea was chosen to be one of few benchmarks around Europe for Podkarpackie Center for Innovation, especially in the field of ProtoLAB (which is third platform in PCI and will be similar to Startup Factory in NAVITAS).

Podkarpackie Center for Innovation (PCI) is basically “under construction” and thanks to P2L2 project more benchmarks was found (like NAVITAS). The PCI team will operate three activity platforms (R&D project valorisation, structured contract research, and the ProtoLab). Platform 1 will perform R&D project valorisation tasks, thus raising the TRL (Technological Readiness Level) of the funded projects to the point where commercialization becomes possible. Platform 2 will focus on taking advantage of universities’ R&D equipment being freed up5; it will do so by marketing structured, repeatable contract research services that leverage this R&D equipment. Platform 3 will target Podkarpackie university students; it will foster entrepreneurial culture among them by providing a facility and tools to prototype their inventions and experiment in an interdisciplinary atmosphere.

After the full activation of the PCI functionality, it will be added to the Podkarpackie Innovation System. The PCI activity will be promoted during the EDP process as well as the PCI representatives will be invited to participate in smart specialization panels.

2. Action

- **Updating Smart Specializations Action Plans** (which are operational, “living documents”) for RIS3 strategy by adding **The New Model of Podkarpackie Innovation System** which will increase the activity of entrepreneurs in the implementation and monitoring of RIS3 strategy, especially concerning high technologies - advanced materials in smart specialisation areas like aviation and cosmonautics, automotive and quality of life.

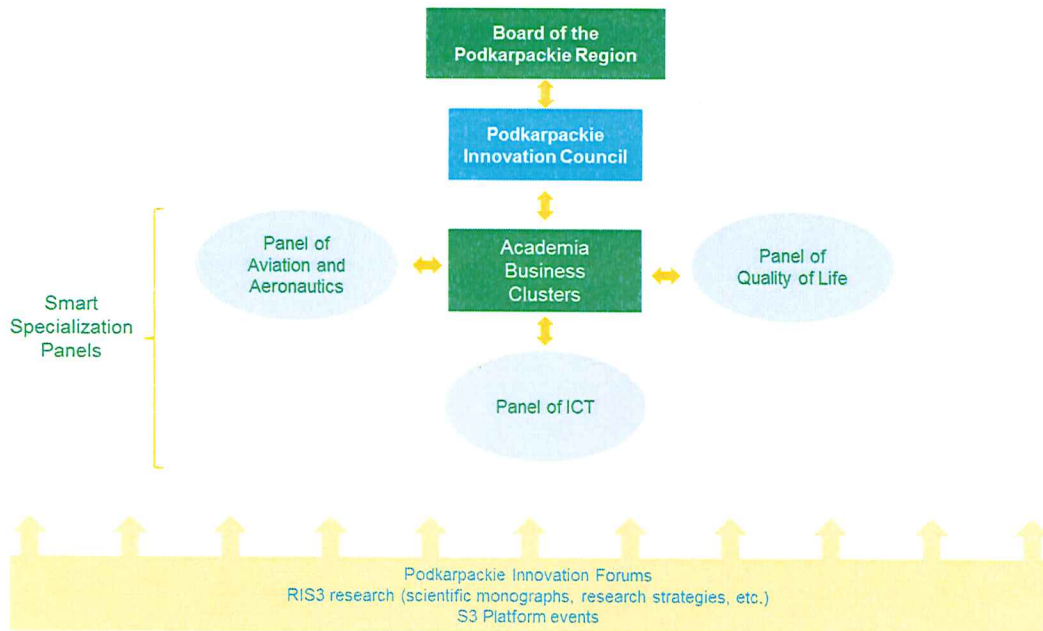
"Action plans" for smart specializations of the Podkarpackie Voivodship are operational documents, detailing the provisions of the "Regional Innovation Strategy for the Podkarpackie Voivodship for 2014-2020 for smart specialization (RIS3)". The general purpose of these documents is to present practical steps and actions aimed at implementing the provisions of the RIS3 Strategy of the Podkarpackie Voivodship. Action plans are "living documents" (which are subject to constant modifications). This will allow for the correction of policy directions without frequent changes to the RIS3 Strategy. The update will start a process of implementation of actions which will lead to “updating” whole Podkarpackie Innovation System, and taking it into account it will be easy to monitor it through meta and sub indicators (meta, like for example update of action plans); sub, like for example number of organized meta-panels).

- **Lunching the new elements of the Podkarpackie Innovation System:**

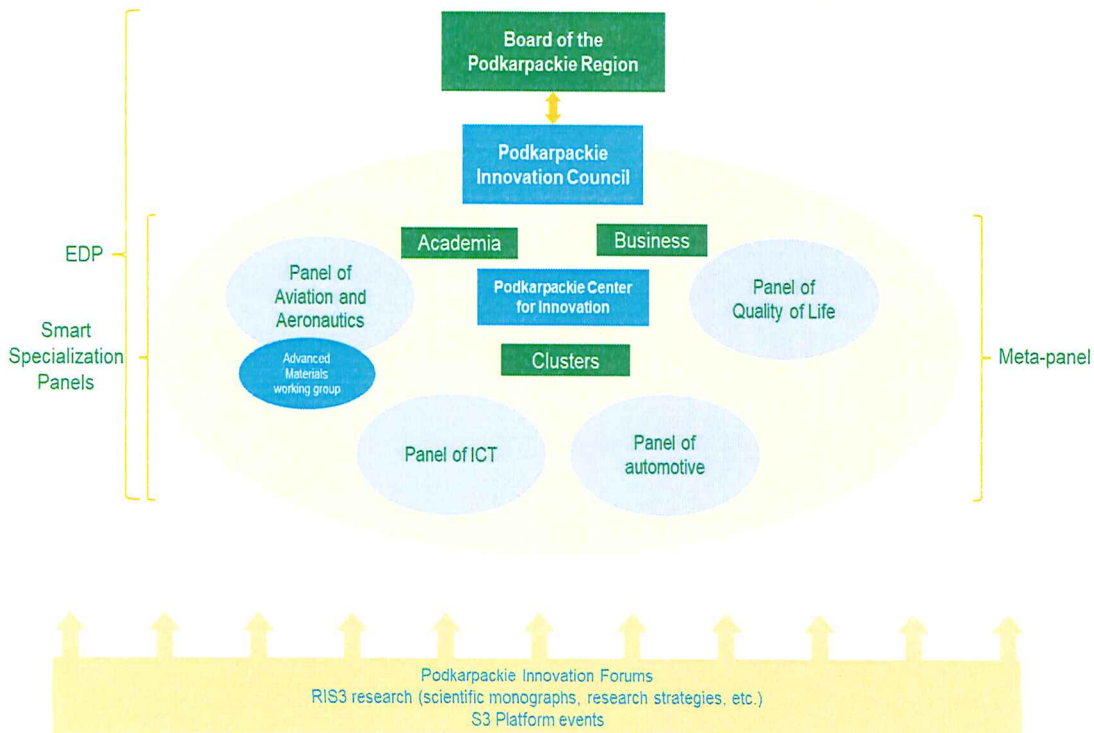
- a) Smart Specialization Meta-Panel – a platform for discussions between actors of the clusters which are the representatives of Podkarpackie Smart Specializations: Aviation and cosmonautics, Quality of life, Automotive and ICT.

- b) Advanced materials working group within the activity of Panel of aviation and aeronautics - working group devoted to advanced materials. The working group will be open to join by representatives of all Podkarpackie Smart Specializations.

Podkarpackie Innovation Ecosystem for the years 2007-2017



The new Podkarpackie Innovation Ecosystem for the years 2018 –





The most important goals to achieve within the activity of the new model of Podkarpackie Innovation system:

- increased developing potential project proposals that can be submitted, for example, in national and regional operational programs or apply for co-financing from other sources, including especially those financed from EU funds.
- increased identification of potential sources of financing for the development of economic areas - support from the national, regional and European level.
- increased identification of new R & D & I areas that have regional / inter-regional potential and can become a smart specialization.

3. Players involved (please indicate the organisations in the region who are involved in the development and implementation of the action and explain their role)

- The Self-government of Podkarpackie, through its implementing body which is the Board of the Voivodship (Zarząd Województwa), is the leader of the regional development policy and therefore of the RIS3.
- The Department of Regional Development of the Marshal Office plays the main role in implementing the Podkarpackie RIS3 strategy (programming, monitoring and coordination). The department is composed of the Unit implementing the RIS3 as well as the representative of the Voivodship for the RIS3.
- The Podkarpackie Innovation Board ("Podkarpacka Rada Innowacyjności") is the advisory body of the Board of the Voivodship. In the framework of implementing the system project, it organized regular meetings which recently focused mainly on the RIS3, and mainly the identification of regional smart specializations.
- The representatives of 4 Smart Specializations Panels for: Aviation and aeronautics, Quality of life, ICT and Automotive industry.
- and more (universities, business environment institutions, clusters, society, etc.).

4. Timeframe

1.04.2018 – 31.12.2020

5. Costs (if relevant)

Costs relevant to organizing new working group of advanced materials (within the activity of aviation and cosmonautics panel) and the meta - panel.

6. Funding sources (if relevant):

"Smart specializations - a tool for smart growth of the region" - the own project of the Regional Self-government (Leader of the RIS3 process). Source of funding for the ROP WP 2014-2020. The value of the project is 1 million Euro.

This own project is the main tool to support the implementation, monitoring and updating of the RIS3 Strategy in the region and the source of financing of the "entrepreneurial process of discovery" and a number of other activities aimed at increasing the innovation of the regional economy, strengthening the cooperation between science and business. (non-competitive system project).



7. Indicators:

- a) Number of organised meta-panels
- b) Number of organised advanced materials working groups
- c) Number of participants of the meta-panels and advanced materials working groups


Date: 17.08.2018r.

Signature: 
WICEMARSZAŁEK WOJEWÓDZTWA
Maria Kurowska

URZĄD MARSZAŁKOWSKI
WOJEWÓDZTWA PODKARPACKIEGO
al. Łukasza Cieplińskiego 4
35-010 RZESZÓW
NIP 813-29-17-389, skr. poczt. 17
tel. 17 8501700, fax 17 8501701

Stamp of the organisation (if available): _____

DYREKTOR
Departamentu Rozwoju Regionalnego


Danuta Cichoń