

O.T1.2 REGIONAL ACTION PLAN

Output factsheet: Strategies and action plans

Version 1

Project index number and acronym	CE1119 InnoPeer AVM
Lead partner	Biz-Up - Business Upper Austria
Output number and title	O.T1.2 Action Plans (RAP) for improving AVM-related qualification in local SME in partner regions
Responsible partner (PP name and number)	PP 5 - Pannon Business Network PP 12 - University of Sopron
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Summary description of the strategy/action plan (developed and/or implemented)

The aim of this action plan document is to present an elaborated set of proposed innovation support actions for each of the project partner regions to ensure a sustainable transfer of InnoPeer AVM project results into the regional innovation ecosystems of Central European partner countries.

The Action Plan itself is structured into four analytical steps:

1. definition of the challenges that each region faces.
2. development of regional visions which describe the pursued picture of the future situation in the relevant field in a mid- to long-term perspective.
3. the elaboration and concrete description of recommended innovation support actions to transfer and mainstream InnoPeer AVM results at the level of the partner region's innovation ecosystem in a short-term perspective.
4. the presentation of conclusions from the partner region's point of view about innovation policy actions that are needed for a sustainable transfer of the InnoPeer AVM results at the transnational Central European level.

The RAP for Western Transdanubia region has identified three main challenges: one of them is the shortage of production capacity caused by the crisis in 2008 when plenty of SMEs went bankrupt or minimized their production. Since then, the demand for production has increased again, but the technology became outdated and applying novel technologies is available only at some companies. The second main challenge in this region is the shortage of labour force, which is strongly connected to the shortage of production capacity, therefore it is requiring simultaneous interventions at various levels of the businesses - not just on a micro-level, but also on the policy level. The last challenge which had been identified in the RAP is the lack of business process integration it is really hard to ensure that SMEs

recognize the importance of collecting, evaluating and integrating data because the datasets are born in different systems and these so-called islands of information are independent and not connected to each other. Therefore, the development of the process-integration procedures is crucial. Connected to these challenges, the plan outlined three main visions: one aiming to improve the level of smart production among Hungarian SMEs; the second targeted to improve the level of automatization with special attention on human resources the last one aiming to increase the innovation capacity among SMEs. Based on the identified challenges and visions within the RAP has defined three innovation support activity that could be implemented in the region. These activities' main aim is to provide a solution for the labour shortage and to improve the level of innovation within SMEs through training services by applying the latest digital technology to create value for the manufacturing sector in a financially, socially and technically sustainable way.

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

Western Transdanubia (HU) - HU22

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

Expected impact and benefits of the regional action plan are:

- to improve the level of smart production among Hungarian SMEs
- to improve the level of automatization with special attention on human resources
- to increase the innovation capacity among SMEs
- to provide a solution for the labour shortage
- to improve the level of innovation within SMEs through training services by applying the latest digital technology
- to create value for the manufacturing sector in a financially, socially, and technically sustainable way.

Overall the main purpose of the regional action plan is to provide training programs for employees and students and to teach SMEs how they can become competitive on the market with increasing their level of digitalization within their country and in European level too.

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

Since the Hungarian action plan was elaborated based on a common guideline compiled by experts, the same methodological structure might be used in the future by other territories too. Furthermore, during the action plan elaboration, discussion was permanent with relevant stakeholders who provided valuable and up-to-date information which were integrated in the plan. Since stakeholders, due to participatory meetings, were involved in the progress of preparation of Hungarian action plan, and they were monitoring the already implemented proposed measures too, it can be ensured that they will support the updating phase of the document and they will be partners in its successful evaluation as well.

Lessons learned from the development/implementation process of the strategy/action plan and added value of transnational cooperation

For Hungary it could be beneficial if it has a stronger cooperation within the county as well as with its neighboring countries to be able to exchange knowledge and to be able to do further steps to solve the labor shortage.

Furthermore Industry 4.0 will not reach more actors in Hungary if there is a lack of working force with proper competences.

Therefore, the development of a “Center of excellence” is necessary to be able to apply Industry 4.0 properly in Hungary. As in Action #1 we previously described the “center of excellence’s main goals is to:

- Create a network for R&D Labs and projects
- Create a service center specialized on the application and presentation of most recent manufacturing technologies
- Transfer of existing smart solutions, methodologies, and tools to Hungarian SMEs.

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

Regional Action Plan of Hungary: <https://www.interreg-central.eu/Content.Node/InnoPeerAVM/D.T1.2.3-Regional-Action-Plan-HU-FV.pdf>

Action planning workshops:

- <https://www.interreg-central.eu/Content.Node/InnoPeerAVM/D.T1.2.1-Annex1-ActionPlanning-Workshop-Veneto-11-18.pdf>
- <https://www.interreg-central.eu/Content.Node/InnoPeerAVM/D.T1.2.1-Annex2-ActionPlanning-Workshop-Linz-5-2019.pdf>
- <https://www.interreg-central.eu/Content.Node/InnoPeerAVM/D.T1.2.1-Annex3-ActionPlanning-Workshop-Modena-12-19.pdf>

Action plan workshops in Hungary: <https://www.interreg-central.eu/Content.Node/InnoPeerAVM/D.T1.2.1-Action-plan-workshops-in-Hungary-eMS.pdf>