

## 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 9 - Wrocław University of Science and Technology
Project website	<a href="https://www.interreg-central.eu/Content.Node/InnoPeerAVM.html">https://www.interreg-central.eu/Content.Node/InnoPeerAVM.html</a>
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#### Summary description of the strategy/action plan (developed and/or implemented)

Three main challenges, for the development of the AVM industry, have been identified in the regional action plan for Lower Silesia in Poland. The first concerns the achievement of a high level of investment in R&D by local SMEs. It was noticed that companies are reluctant to cooperate with external R&D centers, which is related to investing some financial resources. Equally, with high resistance, the costs associated with creating own research and development departments within companies are perceived skeptically. A precise vision has been defined: reaching the level of 50-60% of SMEs investing over 2.5% of revenues in R&D activities. In order to achieve this vision, actions related to raising awareness in companies about the long-term benefits of investing in R&D are proposed. This will be done through specialized training for local companies' employees. The next two visions are related to raising the competences of employees in the area of IoT and enhancing the establishment of partnerships among SMEs from the Lower Silesia region. Expanding IoT skills can be accomplished through specialized training containing theoretical knowledge and practical skills. In order to establish a regional partnerships between companies, it is suggested to implement an educational program combined with workshops, consulting in the field of fundraising, ideas market and mutual development.

Summing up the regional action plan, suggestions were made for the Central European Strategy Roadmap. The first concern is increasing the level of awareness of the importance of advanced manufacturing technologies and deepening expertise in the field of these technologies. The second concern is the increase in the competitiveness of SMEs, which will contribute to the increase of their value in the long-term development perspective.

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

Lower Silesia (PL) - PL51

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

The expected impact of the developed action plan for the region of Lower Silesia on SMEs was precisely defined, giving the visions to which the activities are aimed. The first vision is to achieve the level of 50-60% of SMEs investing over 2.5% of revenues in research and development. The second vision assumes a significant improvement in the competences of employees employed in SMEs in one of the key areas of Industry 4.0 - the Internet of Things, and more precisely, the Industrial Internet of Things. The third vision assumes that the implementation of the action plan will result in establishing a partnership between SMEs from the Lower Silesia region.

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

The implementation of the developed strategy and the achievement of the assumed results will have a lasting impact on improving the awareness of the importance of advanced technologies in manufacturing in SMEs. The particular achievement of the vision of increasing expenditure on R&D will contribute to the continuous improvement of knowledge in key areas of enterprises, which will result in the continuous improvement of processes and delivering of new, innovative products to the market. It will also be helpful to raise awareness of the importance of data acquisition in production processes using IIoT technologies, it will be conducive to the implementation of advanced technologies as well as modern machines and devices directly into shop floor. By talking to representatives of SMEs from other geographical regions as well as from other industries, it will be natural to migrate positive activities and processes in companies. The implementation of the developed strategy will therefore contribute to the improvement of the effectiveness of operation of both other sectors of the economy and other territories.

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

Rounds of peer review of the regional action plans by representatives of various regions of Central Europe were especially useful in developing the Regional Action Plan for Lower Silesia. Gaps and inaccuracies in the original form of the action plan developed for the region of Lower Silesia in Poland were indicated. In the final version of the action plan, all suggestions were taken into account and appropriate changes were made. In view of the above, it seems justified to duplicate such peer review practices in other activities involving the international community. The peer review noted above can be compared to the review and commenting process of peer-reviewed journal articles. The review process should identify inaccuracies and deficiencies in the manuscript under review and suggest how to improve it in the final version.

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

1. DELIVERABLE T1.2.3 Regional Action Plan for Lower Silesia, <https://www.interreg-central.eu/Content.Node/InnoPeerAVM/D-T1.2.3-Reginal-Action-Plan-PL-final.pdf>
2. DELIVERABLE D.T1.2.1 Protocols of Action Planning Workshops held in Partner Meetings and regional workshops - Lower Silesia (Poland) <https://www.interreg-central.eu/Content.Node/InnoPeerAVM/D.T1.2.1-Action-plan-workshops-in-Lower-Silesia-eMS.pdf>
3. InnoPeer AVM Handbook 2020, Regional Action Plan for Lower Silesia, p. 26, <https://www.interreg-central.eu/Content.Node/InnoPeerAVM/InnoPeer-AVM---Handbook.pdf>