

# OUTPUT FACT SHEET

## Strategies and action plans

Version 2

Project index number and acronym	CE 1064 AMiCE
Output number and title	O.T1.1 Manufacturing innovation 4.0 support strategy
Responsible partner (PP name and number)	PP2, University of Applied Sciences Zittau/Görlitz
Project website	<a href="https://www.interreg-central.eu/Content.Node/AMiCE.html">https://www.interreg-central.eu/Content.Node/AMiCE.html</a> <a href="https://www.amice-alliance.eu/">https://www.amice-alliance.eu/</a>
Delivery date	31.01.2020

### Summary description of the strategy/action plan (developed and/or implemented), explaining its main objectives and transnational added value

Regions of Central Europe are facing the adoption of novel manufacturing technologies very unevenly. Central Europe could play a key role in contributing to position Europe as competitive hub if the challenges and opportunities offered by these technologies are tackled in an inter-regional framework. The AMiCE strategy addresses the need for a coordinated, more effective, faster, interdisciplinary and cross-border support to manufacturing innovations. It is the basis for a strategic alliance of innovation actors, which provide information, access to specific knowledge and testing and manufacturing sites as well as innovation- and project development support to SMEs and research teams in the fields of additive and circular economy related technologies. The Alliance aims at 1. Closing the knowledge gap between research and industry; 2. Promoting the uptake of technologies through access to demonstration and pilot facilities and their specific knowledge; 3. Identifying and initialising new emerging value chains, which base on advanced technologies and position CE teams within them; 4. Supporting SMEs in becoming factories of the future and mastering technological, economic and social implications of the new technologies.

The strategy results from findings of a transnational working group of AMiCE, which has analysed the current and future challenges of the uptake of advanced technologies against the existing support schemes and services. The partners have agreed on a common action plan, which ensures an effective and coordinated cross-border support scheme with high ambitions and a common quality standard. This way, the strategic alliance is able to anticipate innovation support needs and to comply with the high speed and global dimension of manufacturing innovations. 30 innovation partners from the AMiCE-regions were involved in the implementation of the actions. Interested partners from other regions have expressed their interest to join the strategic alliance.

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

DED4 and DED 2 (Saxony), PL51 Dolnoslaskie, CZ 04 and CZ 05 (Severozápad and Severovýchod), IT C3 Liguria, SK 03 and SK 01 (Stredné Slovensko and Bratislavský kraj); outside CE-region: ES 51 Cataluna

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

The implementation of the strategy leads to a faster and guided access to knowledge, to Know-how, to networks, to innovation and production infrastructures as well as to finances for innovation projects. Partners provide the support for advanced manufacturing innovations with no regard to national and regional borders. SMEs and their partners get access to knowledge, to partners, innovation infrastructures and finances for projects and investments. Business and innovation support providers can explore the knowledge on present and future technological and business development challenges for improved services for SMEs and can give them a short cut to international innovation projects. The strategy integrates regional administration in Feedback loops about the competitive position of the regional companies as well as about the impact and implications of funding and support programs for manufacturing companies. 10 Central European partners have adopted the strategy at institutional level.

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

The AMiCE strategy is the basis of the Central European Alliance for Advanced manufacturing. The strategy helps to handle manufacturing innovation projects of a high thematic, technological and cultural complexity. We have proved the strategy with successfully developed and implemented supported projects. That has attracted regional stakeholders to the alliance as well as actors from other European regions and thematic fields. 30 partners from all involved European regions have signed the AMiCE declaration. They will sustain the alliance in the next years; develop it further by implementing the developed strategy. The strategy is not restricted to any technology or region. During the project implementation, we have established links with actors from other territories, which are interested to transfer the strategy. Together with EEN-partners we started to implement the strategy with concerned sector groups. Clusters and Pan-European initiatives, which are active in manufacturing sectors, also will benefit from it.

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

The strategy is based on 2 analytical documents: 1. The analysis of the state of play for 2 technology fields (additive technologies/ 3DP and circular economy technologies (D.T1.1.1) and 2. on the outlook to future challenges for the support of Innovation 4.0 projects, including regional foresight scenarios (D.T1.1.2). The documents can be found at the project website and the knowledge sharepoint( O.T1.2):  
<https://www.interreg-central.eu/Content.Node/AMiCE.html>  
<https://www.amice-alliance.eu/>