Interreg
CENTRAL EUROPE

InnoPeer AVM

European Union
European Regional
Development Fund

InnoPeer AVM

PEER-to-peer network of INNOvation agencies and business schools developing a novel transnational qualification programme on AdVanced Manufacturing for the needs of Central European SME

2nd NEWSLETTER

Cybersecurity

Cloud

Additive Manufacturing

Industry 4.0

Robots

Simulation

Augmented Reality

Internet Of Things

Big dat

System Integration

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www.interreg-central.eu/Content.Node/InnoPeerAVM.html

ABOUT THE PROJECT:

Adopting innovative, advanced manufacturing processes is a major challenge for companies in central Europe. However, advance manufacturing (AVM) is not only a technological issue. Innovation managers and owners of small companies face huge organisational and strategic challenges linked to AVM. There is an urgent need to develop a joint qualification basis through transnational capacity building in local SME and lead companies. The InnoPeer AVM project will develop and test a first comprehensive, transnational AVM qualification programme, shaped to the needs of central European companies.

The multi-level programme will use a mix of well-proven and novel training formats and methods for basic, advanced and practical trainings. These will include living lab webinars, practical test runs at a model factory and AVM strategy camps. Participants attending the project's teaching cases will become InnoPeer-certified AVM managers. Pilot trainings will involve target companies and innovation managers from all participating regions. The piloted programme will be freely available to other interested regions and companies. The project will also prepare regional action plans and a roadmap on AVM capacity building and establish the 'InnoPeer AVM Board' that will further promote project results.

ABOUT THE SURVEY:

The survey regarding the three dimensions of AVM (i.e.: technology, organization/HR and business model/strategy) has just been closed. We have collected 173 answers from SMEs located in involved regions of Austria, Germany, Hungary, Italy and Poland. A sample of SMEs was created following specific criteria. First, companies need to have a turnover between 2 and 50M€. Second, the companies of the sample needed to belong to one of the following manufacturing industry (according to NACE Rev.2 classification): 25. Manufacture of fabricated metal products, except machinery and equipment; 26. Manufacture of computer, electronic, and optical products;

27. Manufacture of electrical equipment; 28. Manufacture of machinery and equipment n.e.c. (not explicitly covered); 29. Manufacture of motor vehicles, trailers and semi-trailers; 30. Manufacture of other transport equipment. Finally, they need to have a headquarter located in one of the Central Europe Regions involved in the project. The structure of the survey consists of questions related to three AVM/I4.0 dimensions, namely technology, human resources and organization and business model. We finally obtained a total of 163 complete answers. To summarize, the current strengths and weaknesses for different dimensions of the AVM competences are outlined for each region, with the aim of highlighting the future development needs.

NEXT TASKS:

Within the frame of developing a novel qualification programme and new qualification standards for Central Europe, the InnoPeer AVM project partners are currently conducting case studies with small- and medium-sized enterprises on AVM-related issues in their respective region. The processing of these AVM teaching cases should result in illustrative examples which will later be used for the learning platform and the handbook of the training programme. Within the trainings, the teaching cases will be used for giving participants the possibility to find solutions to practical, real-life problems with regard to AVM-implementations.

In Addition to the Teaching Cases, the InnoPeer Partners will develop the first complete collection of training modules for the basic and advanced courses as well as the practical trainings. Therefore the most important topics regarding the three considered knowledge dimensions, which are AVM related Technologies, changes in Human Resources and Business Models, will be collected and discussed. Afterwards the specific content for each module will be worked out while focusing on novel training methodologies such as the already mentioned teaching cases. This will create a comprehensive qualification program in all three knowledge dimensions. The Project Partners will then extract a balanced mix of training modules, which will take the specific regional needs of SMEs into account.

Upcoming Events:

Second SC Meeting
5th to 7th June 2018

According to the project plen the second SC meeting of InnoPeer AVM project will be held in Munich on 5-7 June 2018, organized by Bundeswehr University Munich.

Inno Peer AVM:
Additive Manufacturing Meeting
28-29 June 2018 in Wroclaw.

Inno Peer AVM Partner – CAMT would like to invite to AMM2018. Last year we started this as a young team initiative and it came out to be successful and meeting AM market needs. This year we go international!
The second edition of additive manufacturing user's seminar – AMM 2018, will take place on 28-29 June 2018 in Wroclaw. AMM 2018 will be held on site of Wroclaw University of Science and Technology.
The main goal of Additive Manufacturing Meeting is to create a platform for sharing the knowledge and experience about development and implementation of additive manufacturing technologies. Particular emphasis will be placed on CAx modeling, manufacturing, new materials, process development and their applications.
We already have the first speakers registered and selected, for more info please visit our

Web-page:
https://3dmeeting.pl/?lang=en

Facebook:
https://www.facebook.com/amm.wroclaw/

LinkedIn:
https://www.linkedin.com/company/additive-manufacturing-meeting/

Inno Peer AVM: The Second International Conference on Intelligent Systems in Production Engineering and Maintenance ISPEM 2018.
17-18 September 2018 in Wrocław

Inno Peer AVM Partner – CAMT would like to invite to ISPEM 2018. The Second International Conference on Intelligent Systems in Production Engineering and Maintenance ISPEM 2018 will be held in Wrocław (Poland) between 17 – 18 September 2018. The conference aim is to give an opportunity for researchers, experts, practitioners and other interested participants to exchange experiences in intelligent systems and tools applications in production and maintenance. New solutions for innovative plants, research results and case studies considering advances in maintenance and production from the Industry 4.0 point of view will be presented and discussed, paying special attention to application of intelligent systems, methods and tools in production, maintenance, logistic, quality management, information systems, product development, ect.

More infomrtaion about the event:
http://www.ispem.pwr.edu.pl/

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5. The first Partner Meeting of InnoPeer AVM project:

28th and 29th November 2017

The first partner meeting of Inno Peer AVM project was held in Sárvár on 28-29 of November with the representatives of Joint Secretariat and project consortium. On the first day there was presentation about the progress until now and after that there was another presentation about the objectives of WP's. The second day of the meeting the participants heard some information about the management and communication work packages.

Facebook:
https://www.facebook.com/InnoPeer-AVM-142695166341360/

LinkedIn:
https://www.linkedin.com/in/innopeer-avm-94392014b/

Twitter:
https://twitter.com/InnoPeerAVM

Lead Partner, Project Manager:
DI Eva Breuer
Mechatronik-Cluster
Business Upper Austria – OÖ Wirtschaftsagentur GmbH

E-Mail: eva.breuer@biz-up.at
https://www.biz-up.at

Communication Manager:
Renáta Csabai
Pannon Business Network Association

E-mail: renata.csabai@pbn.hu
Web: www.pbn.hu