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

3rd NEWSLETTER

This project is supported by the Interreg CENTRAL EUROPE Programme funded under the European Regional Development Fund.

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, advanced 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.

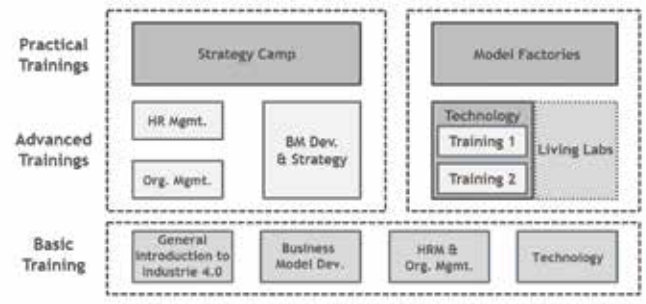
The multi-level programme will use a mix of well-proven and novel training formats and methods for basic, advanced and practical trainings. These will include living lab webinars; practical test runs at a model factory and AVM strategy camps. Participants attending the project's teaching cases will become 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.

2nd STEERING COMMITTEE MEETING INNOPEER AVM:

Universität der Bunderswehr, organized the 2nd Steering Committee Meeting from 5th to 6th of June 2018 in München.
Main focus of the meeting was the general overview of all running project activities and planning the following tasks.

OVERVIEW ON CONTENT AND STRUCTURE OF THE TRAININGS:

The aim of the InnoPeer AVM project is the development of a novel InnoPeer AVM qualification program.
This program contains a modular transdisciplinary training program on 3 AVM (AdVanced Manufacturing) knowledge dimension according to SME needs in CE.
The training program contains 3 kind of training types:



i. The basic training is the first training in the InnoPeer AVM Qualification Program and has the goal to introduce the topic of AVM in general as well as the 3 AVM-related knowledge dimension technology, human resources and organizational management as well as business model development and strategy. The basic training has a duration of three days and will be held as a local course in each region.
ii. Regarding the advanced trainings, five trainings are held with a duration of two days each. There will be two trainings for technology, one training for human resources management (HRM), one for organizational management and one for business model development. These trainings will be held as webinar. The advanced training also contains living labs. In the living labs the newly developed teaching cases will be elaborated and the assignments will be practically tested in the Model Factory in the future.

iii. iii. The practical trainings for business model development in conjunction with business strategy as well as HRM and organization management will be held as a strategy camp with duration of up to one week while the practical test runs for technologies will be done in Model Factories.

Here you can read the whole description of the InnoPeer AVM qualification program.

WE HAVE ALREADY FIXED THE DATE SOME OF OUR BASIC COURSE:

- Ansfelden : 14th-16th November 2018
More information:https://www.mechatronik-cluster.at/veranstaltungen/6D62E09B-6CB2-E811-80CB-0050569207DF/

- Department of Management and Engineering of the University of Padova, in Vicenza:
  - 19th October 2018, 14:00-17:00
  - 26th October 2018, 14:00-18:00
  - 27th October 2018, 09:30-12:30
  - 9th November 2018, 14:00-18:00
  - 10th November 2018, 09:30-12:30
  - 16th November 2018, 14:00-18:00

- Munich at Bundeswehr University:
  - 19th-20th November 2018

- Fondazione Democenter Sipe:
(https://www.democentersipe.it/2018/10/al-via-un-corso-di-formazione-su-industria-4-0-promosso-nellambito-del-progetto-europeo-innopeer/)
  - 13th November 2018, 09:00-16:30
  - 20th November 2018, 09:00-16:30
  - 27th November 2018, 09:00-16:30

SET-UP AND ROLE OF THE LEARNING PLATFORM

Within the InnoPeerAVM-Project, the partner consortium will develop and test a comprehensive and transnational qualification programme for advanced value manufacturing in Central Europe. To manage the extensive knowledge transfer between the participants of the trainings, it is crucial to provide a modern and supporting environment to share contents and insights alike. For a consequent learning success, it is not only the contents that matter: a well-structured learning platform is the predominant step to manage the protection of user data, communication and access of participants, open up free virtual spaces for participant interaction and offer a defined set of e-learning tools to foster and measure the learning process.

In several sessions, the project partners of Cluster Mechatronik & Automation, Business Upper Austria and Universität der Bundeswehr therefore compared existing learning platforms as to their usability, efficiency, and sustainability for the project. The most favourable solution – apart from freeware alternatives like MOODLE and ILIAS – was found in the renowned Virtuelle Hochschule Bayern (vhb). This network of universities within the Free State of Bavaria supports and coordinates the development of user-friendly online materials for the sake of students and trainees in Bavaria. By using the capacities of the Universität der Bundeswehr, the InnoPeerAVM project could make good use of the pre-existing infrastructure of said network while at the same time guarantee high quality in its usage. Following final talks in October, the learning platform will be set up until the end of the year.

„INDUSTRY 4.0 AND ORGANIZATIONAL CHANGE“-WORKSHOP AT THE BUNDESWEHR UNIVERSITY MUNICH

30 international stakeholders from different backgrounds (SMEs, Clusters, Unions, Consultancies, Technology Institutes and Business Schools) participated in the workshop on “Industry 4.0 and organizational change“at the Bundeswehr University Munich on 6th June 2018. Three ex-

perts outlined the consequences of AVM on organizational change. In the following discussion, participants exchanged their views and got important impulses for their daily work.
After a short summary about the objectives and initial results of the "InnoPeer AVM"project by Eva Breuer (Business Upper Austria) and Dr. Georg Loscher (UniBw), Professor Dr. Hartmut Hirsch-Kreineisen from the Technical University of Dortmund started his talk about „Transformation of Work" due to advanced manufacturing. There are four different scenarios about the new way of working, which result from a conscious and manmade design-project: automation, polarization, up-grading and de-limitation. However, the design of the new way of working is difficult for SMEs. SMEs not only lack time, resources and know-how, but are also reluctant towards change. Therefore, Prof. Hirsch-Kreinsen emphasized the important role of the HR management as change-designer. Only when Industry 4.0 is understood as a social and organizational task, it can facilitate a new reindustrialization leading to further positive aspects regarding the future way of working.

Haymo Spiegel, head of the "Center for Industry 4.0"of an international audit- and consultancy firm, presented future business models. "Data is the new gold ", explained Mr. Spiegel, as totally new business models can be realized. Due to all the traffic data, OEMs, for example, are one of the best global, real-time weather predictors. Mr. Spiegel also discussed four scenarios of German companies in 2030: Integrated Platform Provider, Copycat, Master Combiner and Specialized Frontrunner. Work will be more flexible, automated and data-driven. Rapid changes and

their consequences on tax and legal issues are the biggest challenges to succeed with regard to new business models.
In the afternoon, Doris Tröbs, head of an interim management firm, discussed the daily HR-challenges of SMEs. Despite their interest in future key topics, SMEs lack effective change management. Especially the basic themes of effective HR management are hardly used in SMEs companies. After that they talked about organizational challenges in Industry 4.0, there was a lively debate between workshop participants and experts.

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UPCOMING PROJECT RELATED EVENTS

Dissemination event:
Fraunhofer and Bundeswehr University Munich would like to invite you adissemination event together with the AK Unternehmensführung of the Schmalenbach-Gesellschaft (19.10.2018, Augsburg): Consequences of Industry 4.0 for Management.
More information: https://www.schmalenbach.org/index.php/arbeitskreise/unternehmensfuehrung/unternehmensfuehrung2

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

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