

TEMPLATE

Output factsheet: Innovation networks

Version 1

Project index number and acronym	CE1352 S3HubsinCE
Lead partner	Carinthia University of Applied Sciences
Output number and title	S.O.1.1 - Number of innovation networks established
Responsible partner (PP name and number)	Carinthia University of Applied Sciences
Project website	https://www.interreg-central.eu/Content.Node/S3HubsinCE.html
Delivery date	15.05.2020

Summary description of the established innovation network explaining its structure and functions

Navigation Crews are strategic task forces based around the 10 Technology Priority Areas (TPAs) selected for Central Europe. They were created by experts and practitioners coming from partners teams and partnership ecosystem to form a transnational network of innovative actors. Their purpose is to strengthen regional innovation ecosystems through enhanced knowledge exchange and joint planning of concrete, market-focused, bottom-up actions. Ten Navigation Crews have been assembled, each of them is focused on a different TPA. The following Navigation Crews were identified within S3HubsinCE:

- Data Analytics, Complex Simulation and Modelling
- Machine vision
- Predictive maintenance
- Factory and process automation
- DI&I Machinery
- Advanced and smart materials
- Industrial Internet of Things (IIoT)
- Digital marketing
- Innovation in circular economy
- Design & engineering for additive manufacturing

Each Navigation Crews has appointed:

- the Leader managing and driving the Navigation Crew
- Contributor(s) actively involved in the activities
- Learner(s) acquiring new skills from the leaders and contributors.

NUTS region(s) concerned by the innovation network (relevant NUTS level)

Carinthia University of Applied Sciences - AT21, Kärnten (NUTS 2)
Forschung Burgenland - AT11, Burgenland (NUTS 2)
Bwcon GmbH - DE11, Stuttgart (NUTS 2)
Fraunhofer Institute for Machine Tools and Forming Technology - DED4, Chemnitz (NUTS 2)
Intellimech Consortium - ITC4, Lombardia (NUTS 2)
Ecipa - Training and Service Agency Limited Liability Consortium - ITH3, Veneto (NUTS 2)
Krakow Technology Park - PL21, Malopolskie (NUTS 2)
Slovenian Tool and die Development Center - SI01, Vzhodna Slovenija (NUTS 2)
Pannon Business Network Association - HU22, Nyugat-Dunántúl (NUTS 2)
Croatian Chamber of Economy - Varaždin County Chamber - HR04, Kontinentalna Hrvatska (NUTS 2)

Expected impact and benefits of the innovation network for the concerned territories and target groups

The need to focus on 10 TPAs and to select specific Navigation Crews was driven by the following benefits:

- improving regional competitiveness and industrial efficiency of the SMEs in order to expand the markets
- spreading an innovation culture to generate an innovative entrepreneurial mentality
- raising awareness and developing skills around the main issues of advanced production and reorienting SMEs to review their business models
- overcoming the gap between SMEs and large companies in digitalization
- supporting re-industrialisation in emerging countries
- creating Open Innovation Communities, where enterprises can share their knowledge and experience on innovative subjects

Sustainability of the innovation network and its transferability to other territories and stakeholders

The innovation network is strongly anchored to the future of its participating stakeholders. Indeed, via the strategic planning activities which will be rolled out during T2, each crew (and the network as a whole) will clearly state how the identified topics will be linked to activities and initiatives which are not only sustainable but essential to keep each members' R&D and innovation agenda aligned to the most relevant technology trends in Europe.

The transferability is among the priorities of each crew and indeed, during T2 and T3, the actions have among their goals the involvement of further territories and stakeholders from CE regions. The foundations of the transferability are the direct linkages among S3 & the Navigation Crews (all identified topics match with most of the S3 platform listed priorities), the relevance of the technology domains which is common to all EU regions, the commitment of DIHs which will act as multiplier of the network assets.

Lessons learned from the development and establishment process of the innovation network and added value of transnational cooperation

- Each project partner is encouraged to implement the different topics from the Navigation Crews in the stakeholder interviews.
- The topics, actions and description of the Navigation Crews will be adapted by the findings through the stakeholder interviews.
- An intro presentation was established by each Navigation Crew leader to introduce the project and the Navigation Crew topics. The presentations were held at project partner meetings and national intro conferences.
- All partners already have a strong network with regional RIS 3 stakeholders. There are many strengths and cooperation possibilities in the project consortium. Most partners already established a cooperation to existing regional DIHs. Access to the DIHs and their infrastructures should help the regional industry, and SMEs in particular, to make progress and facilitate digitization.
- Thematically almost all topics of the navigation crews are located in technical technology areas. Therefore, it offers the possibility to find and apply synergies within the navigation crews. This would not only benefit the participating companies, but also the navigation crews, as events can be used jointly.

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

<https://www.interreg-central.eu/Content.Node/S3HubsinCE.html>