

TEMPLATE

Output factsheet: Pilot Actions

Version 1

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| Project index number and acronym | 3DCentral |
| Lead partner | IDM Suedtirol |
| Output number and title | System of Tech&Inno Camps (TIC) covering a variety of involved target groups |
| Responsible partner (PP name and number) | PP10 KTP |
| Project website | http://www.interreg-central.eu/Content.Node/3DCentral.html |
| Delivery date | |
| Summary description of the established innovation network explaining its structure and functions | |

The system of Tech & Innovation Camps (TIC) are result-oriented training concepts which address multifarious target groups, experts and stakeholders to gain excellent results in spreading the knowledge about smart engineering technologies in CE countries.

Definition. TICs are events dedicated to mutual learning, experience exchange and enhancement of know-how in the 11 KACE topics. The main aim of TICs was to:

- transfer practical know-how within the 11 KACE topics
- enable exchange and networking opportunities in order to strengthen the cooperation opportunities among Project Partners
- promote 11 KACE topics among stakeholders, experts, decision makers on regional, national and transnational level
- promote best practices and lessons learnt related to 3DCentral objectives

Target groups. TICs were dedicated to a variety of target groups and stakeholders in order to make learning simulation appropriate for policy improving & implementation processes. The main target groups for TICs are:

KACE solution providers and receivers (Large enterprises, SMEs, start-ups), Project Partners, KITTS and associated partners, higher education and research institutions, education/training centres and schools, regional and national public authorities, interest groups including NGOs, business support organisations, clusters, agencies in charge of knowledge development and transfer.

Possible scenarios for regional/ national/ cross-border TIC. All the TIC focused on at least 1 of the relevant KACE topics (Additive manufacturing; 3D Design/Engineering/Scanning; Smart and functional materials; Digital life; Technologies for sustainable manufacturing; VR/AR for manufacturing; Value-added virtual supply chains; Smart services; Robotics; Mechatronics; CEE Brain Base) and included as part of the agenda following elements:

- Partners presentations and project ideas matching
- Presentation of solution providers. Pitches on innovative solutions
- Panel discussion on at least one of 11 KACE relevant topics. Focus on the technology trends and on opportunities and possibilities for CE cooperation
- Showcasing the solutions. Opportunities for solution providers to show their products
- Opportunity for direct B2B meetings. Dedicated space for networking to come together with field experts and participants
- Matching - Workshop: development of project ideas (Project Partners, KITTS, other companies and institutions)

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

NUTS level 1, 2 and 3:

Italy (Bolzano/Bozen and Lombardia/Milan), Austria (Steiermark/Graz), Germany (Chemnitz/Dresden; Stuttgart); Slovenia (Zahodna Slovenija/Ljubljana; Vshodna Slovenija/Murska Sobota); Hungary (Nyugat-Dunántúl/ Győr-Moson-Sopron); Poladn (Malopolska/Krakow)

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

The Tech&InnoCamps are an important pillar that connects 11 KACE topics and 22 good practices, the existing knowledge pool of experts and KITTS (WP1), with the use of effective tools for exchange of knowledge, matchmaking and cooperation (moodle, hypertree, mobility actions (WP2) in order to become an opportunity to exchange best practice and knowledge in the technical fields addressed by the KACE topics. They represent an opportunity to demonstrate the potential of cooperation among large interregional networks and to exploit synergies with other different ongoing projects and initiatives (i.e. Vanguard), pilot actions and flagships (WP3). In other words, Tech&InnoCamps played an important role of structured transregional/ transnational exchange activities aimed to generate projects, transfer actions, to foster flagship projects and further development of action plans. The 12 regional TIC events have offered an impressive opportunity for exchange of technology knowledge. They have been structured in over: 112 hours of lectures & presentations focused on smart engineering and rapid prototyping solutions in CEE countries, 42 hours of workshops and trainings where participants could improve their competences, 12 panel discussions with experts in specific technology topics, 16 matchmaking events for collaboration opportunities and development of joint projects, 33 expositions & demo stands, where solution providers could present their products and services, 6 guided tours and study visits, 12 networking opportunities, and 32 presentation of project partners. All these undertakings and joint activities all together have created impressive and promising bank of knowledge and best practises developing solid and inspiring tool for future actions and Flagships. Below you can see the details regarding the regional TICs:

| | PP name | Place | Date | Main KACE topics |
|-----|----------------|-------------------------|-------------|---|
| 1. | IDM | Bolzano, Italy | 03.11.2016 | Additive Manufacturing 3D Design/ Engineering/ Scanning |
| 2. | AFIL | Milan, Italy | 29.06.2018 | 3D Design/Engineering/Scanning Technologies for sustainable manufacturing |
| 3. | CAM02 | Graz, Austria | 22.05.2018 | Additive Manufacturing 3D Design/ Engineering/ Scanning Mechatronics (sensors, monitoring and control) |
| 4. | CAM02 | Graz, Austria | 11.04.2018 | Mechatronics |
| 5. | EVO | Graz, Austria | 09.11.2017 | Virtual and Augmented Reality for Manufacturing Smart services |
| 6. | IWU | Dresden, Germany | 06.09.2018 | Smart and functional materials |
| 7. | WRS | Stuttgart, Germany | 30.05.2017 | Additive Manufacturing Virtual and Augmented Reality for Manufacturing Smart services Value Added virtual supply chains |
| 8. | TPLj | Ljubljana, Slovenia | 06.12.2017 | Digital Life |
| 9. | PTP | Murska Sobota, Slovenia | 31.08.2017 | Value Added virtual supply chains |
| 10. | PBN | Sombathely, Hungary | 12.03.2018 | Smart services 3D Design/ Engineering/ Scanning |
| 11. | KTP | Kraków, Poland | 07.10.2017 | Robotics (components, machines and intelligent robots) Virtual and Augmented Reality for Manufacturing 3D Design/ Engineering/ Scanning |
| 12. | PK | Krakow, Poland | 17.05.2017 | CE Brain Base Additive Manufacturing |

And the transnational TICs:

| | PP name | Place | Date | Main KACE topics |
|----|----------------|--------------|------------------|--|
| 1. | TPLj | Ljubljana | 19- 20 June 2017 | Technologies for sustainable manufacturing Digital Life Brain Base |
| 2. | PBN | Szombathely | 15 November 2017 | Smart services |

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|----|-----|--------|-----------------|---|
| 3. | KTP | Krakow | 13-14 June 2018 | 3DDesign/Engineering/Scanning/Simulation Technologies for sustainable manufacturing Robotics (components, machines and intelligent robot) Mechatronics (sensor, monitoring and control) |
|----|-----|--------|-----------------|---|

The expected results have been 11 regional Tech & InnoCamps with participation of national and international experts, fostering different types of activities, including exchange, mutual learning; to fine-tune the structure & processes in all partners regions to anchor them properly. The TICs have also gathered high number of representatives of regional and national public authorities and research and science entities that are jointly responsible for creation of policies and innovative strategies. From the project partners perspective it was crucial to get their interest and involvement in order to raise their awareness on CE knowledge axis and jointly elaborated initiatives and projects.

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

The events have made an impressive impact. Innovative products, tools and processes have been presented and showcased through lectures and presentations, panel discussions, bilateral meetings, trainings, real-time demonstrations, thematic workshops and exhibition areas. Key experts, services providers, customers, technology partners, regional and national stakeholders have exposed and interacted with the audience during all the 15 Tech&InnoCamps.

Nevertheless the most important and crucial idea behind the Tech&InnoCamps has been to develop new cooperation actions between innovation actors in the partner regions and matching of cooperation opportunities for current and future perspective. The Project Partners have identified specific topics, that have the highest probability for future project cooperation for which several/ more partners declared their interest. These topics are:

- Digital Innovation Hubs (network of regional competence centres)
- Digital transformation of industry
- Data generation for Smart Factory and Industry 4.0
- Smart Manufacturing and Fast Prototyping (innovation network for testing and piloting)
- Automated Process Chains for AM

As a next steps partners and stakeholders were encouraged to start multilateral cooperations to develop project ideas for capitalisation agenda within WP3.

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

Within WP 3 the PPs organized and participated in 15 Tech&InnoCamps - 12 regional/ national / crossborder events and 3 transnational events, structured as regional and transnational events, TICs aimed to foster transfer and cooperation actions, flagship projects and further development of existing action plans.

The main aim of TICs was to boost and promote innovation in 3D technologies, to create connections and collaborations in the field of 3D technologies and to empower networking among all possible stakeholders.

The events have been attended by over 850 participants, who came together for mutual learning, experience exchange and enhancement of technical know-how.

Possibilities for partner acquisition, industry contracts, networking with representatives from regional industry and matchmaking for capitalisation tasks have been the keys for the success of the Tech&InnoCamps.

An added value has been also the opportunity to build awareness on innovative, new solutions, actual trends and activities in the relevant KACE topics among regional and national stakeholders (regional authorities and public entities).

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

<http://www.interreg-central.eu/Content.Node/3DCentral.html>





MATJAŽ LJUNARČIČ



ANOS EDER



ANA PLEŠIČ

After a light and healthy lunch, which once again, was made by social company Center Kortura with their Gostilna Dela, it was time for round table with four journalists, Milena Zupančič from Delo, Lucija Petavs from Medicina Danes, Vesna Tomažević from Pharmonia and Anja Gorenc from STA. Conversation was interesting and has enlightened the other aspects of innovation, the one holding the quilts which inform Slovenian professional and layman audiences about news in healthcare. The conversation and the whole event was moderated by Gregor Cuzak.



MILENA ZUPANČIČ, DELO, LUCIJA PETAVS, MEDICINA DANES, VESNA TOMAŽEVIČ, PHARMONIA, ANJA GORENC, STA, GREGOR CUZAK, HEALTHDAY.SI

