

D.C. 4.2 PARTICIPATION TO EXTERNAL EVENTS

D.C. 4.2 Report - Participation on a digitalization workshop organised in the S3HubsinCE project

FINAL VERSION 03/2021







1. Name of the event, implementing date and place

Name: S3HubsinCE project: Mobility Action → Digitization competences at am-LAB;

International event

Date: 27th October 2020 09:00-12:25

Place: ONLINE format (ZOOM)
Host: PBN and its DIH (am-LAB)

2. Number and types of participants/target groups

In the international event we reached 44 participants all together, and 37 of them filled the registration form in advance. The following target groups were reached from 11 countries:

\square Local public authority (how many: 0)
\square Regional public authority (how many: 2 participants from 2 different organisations)
\square National public authority (how many: 2 participants from 1 organisation)
\square Higher education and research (how many: 11 participants from 5 organisations)
\square Education/ Training Centre and Schools (how many: 1 participant from 1 organisation)
□ Large Enterprises (how many: 0)
☐ SMEs (how many: 2 participants from 2 different organisations)
☐ Business Support Organizations (how many: 19 participants from 10 different organisations)

3. Topics tackled and links to deliverables, outputs

Since one of the session was dedicated to 4STEPS, this event can be considered as an indicator at D.C4.2 " *Participation at external international events*" since we promoted the activities of 4STEPS for an international audience

The attendees of the international meeting could experience am-LAB (PBN's) DIH operation in the following fields:

- High Growth Company (HGC) Programme- carried out by PBN/am-LAB to enhance digitization level of Hungarian SMEs
- 3D scanning
- Additive manufacturing





- Business Animation
- AR technology
- Sensor development
- Robotics development (drone / Communication of various robotic devices)
- Advanced Data Analytics > Presentation of the conclusions of transnational analysis with 350 companies carried out in the 4STEPS project

Apart from the topics mentioned above, the aims of the event were:

- Knowledge transfer about am-LAB digitalisation services, solutions and best practices in the thematic areas mentioned above
- Sharing the model adopted by am-LAB how to approach manufacturing SMEs nationally and how to provide 4.0 services to these companies
- Possible future cooperation among the partners institutions
- the benefits of the digital transformation for the companies (optimization of production, cost efficiency etc.)

4. Expected effects and follow up

- am-LAB shared its digitization competences with the attendees, which might be utilized in their own eco-system
- Participants can widen their knowledge and experience in the mentioned Industry4.0 pillars
- PBN (am-LAB) to develop and improve the digitalization solutions and services based on the participants' feedbacks
- Future cooperation projects might be initiated and launched between the participants and PBN
 - Disseminate the results of the transnational company analysis carried out in the first half of the 4STEPS project,

5. Annexes: e.g. agenda of the event, pictures, media coverage web- links etc









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S3HubsinCE: Mobility Action Digitization competences at am-LAB

27th October 2020 ONLINE via ZOOM Agenda

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Agenda		
Time period	Session	
8:45 - 9:00	Registration of the participants (technical check)	
09:00 -09:35	Welcome speech and the general introduction of the Advanced Manufacturing Laboratory: PBN's official DIH (PBN)- The history and rapid development of am-LAB+ HGC	
09:35-09:50	3D scanning and its opportunities in the field of R&D.	
09:50-10:10	The usage of recycled plastic in 3D printing	
10:10-10:25	am-LAB best practices in the field of additive manufacturing	
10:25-10:45	Business animation using Cinema 4D	
10:45-11:00	Demonstration of product concept with AR technology	
11:00-11:10	Coffee break, online networking	
11:10-11:25	Sensor development, sensor data visualisation, sensor data analysis for sensor calibration, Phyton programming	
11:25-11:40	Communication of various robotics devices for automated tasks	
11:40-11:55	Drone – Indoor logistic solution	
11:55-12:10	4STEPS project: Advanced data analytics – transnational data analysis of 350 companies' Industry 4.0 related data in 7 CE countries	
12:10-12:25	RECAP Q&A and main experience of the mobility action-	







S3HubsinCE: Regional Mobility Action: Digitization competencies at am-LAB

27th October 2020 (ZOOM Platform)

4STEPS project: Advanced data analytics transnational data analysis of 350 companies' Industry 4.0 related data in 7 CE countries







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OUTPUT









