

D.T 2.2.3 REGIONAL WORKSHOPS

Report - Digital skills for education
POLAND

Version 1
10/2021





Name of the event, implementing date and place

Workshops for education: What skills are needed on the Industry 4.0 labour market?

Date: 06. 10. 2021

Place: on-line: Google Meet & YouTube live broadcasting

1. Number and types of participants/target groups

Digital skills for education workshop was organized on the 6th October 2021 in an on-line formula. Due to the fact that next wave of covid-19 pandemic was hitting, restriction in schools were very strict and there was no possibility to organize external, physical workshops. That is why we made a decision to organize it virtually. The scope of the workshops was related to the skills needed on the future labour market, what competences Engineer 4.0 should have, what is the digital transformation, ADMA scan and future I4.0 education

The target group was the pupils as well as teachers from local and regional high schools, both those technology oriented and those related to general education.

We provided a social media campaign and invite participants through our contacts in education sector.

As a result, we had total of **10 entities** present at the meeting. Those were regional schools, and both the side of teachers as well as pupils was covered. Additionally, the event was broadcasted on-line on the YouTube channel of ARRSA and is still available for everyone interested.

2. Topics tackled and links to deliverables, outputs

The workshop was conducted in the frame of D.T2.2.3 deliverable - Digital Skills for education and was focused on how transforming teaching and learning of digital skills in a lifelong learning perspective, including the training of teachers.

The topics tackled during the workshops may be divided as follows:

1. Industry 4.0 concept
 - Horizontal and vertical digitalization and integration of value chains
 - Digitalization of products and services
 - Digitalization of business models and customer relations
2. Industry 4.0 technologies brief presentation
3. Employee 4.0. - who it is?
 - Continuous learning aspects
 - adaptation and adding the value for the whole business model
4. (Digital) competences of the employees as a key aspect of digital transformation:
 - Social:



- Cooperation, human relations
- Emotional intelligence
- Human resource management
- Entrepreneurial skills
- Technological
 - Basic digital skills
 - Advanced digital skills
 - Engineering skills
- Cognitive
 - Complex problem solving
 - Creativity
 - Critical thinking
 - Cognitive flexibility

5. ADMA scan and its value for the company's digital development

3. Expected effects and follow up

Participants of the workshops were able to get familiar with the requirements of the future labour market and gained knowledge about what competences the Industry 4.0 Leader should have. Different skills from different categories were presented with a focus on emphasising the role of soft skills in a technical job. The lifelong learning aspect was also presented.

At the end, there was a discussion with teachers and schools' managers about how technology related education should be implemented in schools and how it should be supported by outside of curricula activities.

It was agreed to continue similar activities related to entering the digital labour market. There was the suggestion made, that additionally to the theoretical layer, it would be also relevant to organize a case studies presentation with a success stories of young people who started their professional careers in technology-related companies.



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

4.1. Event Invitation (PDF)

4.2. Pictures (print screens)

Link to recording of the event available of ARRSA YouTube channel:
<https://youtu.be/Gi3oft1RTyc>