To launch the work package 4 of the project Talentjourney at regional and national level, the co-creative workshop with Slovenian ecosystem stakeholders was held on Wednesday, 1 July 2020 at the Nova Gorica School Center premises. Specific goals of WP 4 are designing the contents, implementation process and piloting one part of trans-national vocational curricula and life-long trainings. The workshop participants were VET stakeholders represented by company experts and leadership, teachers, school management and learners.

TALENTJOURNEY

The workshop was titled

"Designing Talentjourney regional stakeholder ecosystem"

Talentjourney project aims to bring together various stakeholders and experts at the local, regional, national and international level to share their expertise in the field of industrial IoT inside our Platform for vocational excellence, called Talentjourney. The Platform is being designed as live and virtual hub for connecting and sharing knowledge, skills, experiences, ideas, innovative projects among different professionals such as, company experts, tutors, researchers, learners, etc.. Project partnership aims to design and establish a new era VET system that will act agile, responsive and will foster innovation of industry and society. In designing processes inside our **Platform for IOT vocational excellence** we keep pursuing three main dimensions that the system and IOT should follow : user oriented, environment friendly, simplifying everyday life and work processes.

The main goal of the workshop was to discuss about Industrial IoT now and in the next 10 to 20 years, how to provide industry with skilled IIOT-ers and what is the ideal IIOT-er profile.

The workshop was organized in collaboration of all Talentjourney Slovenian partners: Mahle, d.d., Slovenian National Institute for VET, School Centre Kranj, School Centre Velenje and School centre Nova Gorica. It was the first of a series of co-creative workshops that includes various stakeholders sharing their expertise and ideas, necessary to identify the right competence framework for IIOT profile that will be delivered through trans-national vocational curricula and life-long training. Similar workshops will be organized in Finland, Estonia and Italy. In the next phase national and regional smart specialization chains will be additional included.

The main goal of IOT *is to gather data that we can use to learn about a bussiness and its customers.*

All participants of the workshop shared the same opinion that IOT creates value by transforming conventional business models. In a near future, the Internet of Things will drive most of the manufacturing processes – from product development to customer service. We put special focus on industrial IOT which is a very important improvement lever during challenging times. In order to generate real value, industry and its employees will need to overcome some stereotypes and mindset about IIOT, such as: IIoT is only a high-tech dashboard; IIoT will displace workers; IIoT requires greenfield sites; Continuous improvement is costly with IIoT.

Some exposed emphases from the workshop:

- *The main obstacle when thinking about IIOT competency framework, is that we are creating the profile of the future and the needed competences are very challenging to define.*
  For this very reason the experts suggest to design not a narrow IIOT profile, who goes deep in the specifics of individual fields (such as AI/AR, cybersecurity, robotics engineering, production process development, data science etc.), but the profile with a holistic view to industrial processes, since IIOT is a very interdisciplinary field. It is important to go deeper and get specialized in individual IIOT fields through further study or life-long learning.

- *Industry doesn't need an IT programmer or "IIOT environment creator" but a broad skill set IIOT-er, who will be able to manage and design working environment, since IOT is being integrated almost in all segments of working processes.*

- *The Internet of Things is more than the act of deploying modern tools or working in the cloud. A company cannot succeed just because it introduces IOT technology into their business processes but because they start with a transformational mindset. Developing that mindset is not so simple but rather a challenge.*

- *Next to the technical competences, such as: able to use AI systems, able to manage IOT production processes, networks and network security, again, transversal competences were exposed as very important, such as: readiness and willingness to learn new things, self-initiative, able to integrate theory in practical applications, flexibility, problem solving etc.*

- *AI is the innovation that will influence and change most significantly the working process.*

- *New generations will most significantly drive the change of working habits.*
- *Innovation in collaboration between schools and companies will be reflected in regular common projects.*
- *In the next 10 to 20 years most of education and life-long training will be done virtual, online.*
- *Excellency needs to be demonstrated by employability of those who finish their education.*