



WirelessUP! Training module is ready!

The Erasmus+ KA2 strategic partnership project WirelessUP! - UPraising VET skills for innovation in European electrotechnical sector (Project no.: 2017-1-HR01-KA202-035434) has officially started on the 1st of November 2017. Partners are working on the Intellectual Output 1 and 2.

Intellectual Output 1 – Recommendations for local implementation of smart systems in VET for industry 4.0

The **Recommendations** have the aim of providing a baseline for implementing of educational framework of the Wireless-UP! training module. The first part of the document is a desk research which includes existing secondary data already existing to ensure the understanding and future comparison of differed partners' VET systems and electrotechnical educational sector. Second part is the analysis of **14 interviews with SMEs and Industry** conducted in all partner countries. The aim of the interviews is to get feedback of employers about their involvement in Industry 4.0 and the need for specialized employees. In the end, partners have identified altogether **28 occupations and 39 courses/subjects within the occupations in 5 partner countries** which are suitable for implementing the new WirelessUP! training module.

Joint Staff Training in Prague

In order to prepare local trainers for development and piloting the Wireless-UP! module in their countries, a short cycle staff training event course was held in Prague, Czech republic from 25.06. to 28.06.2018. in coordination of Czech partner and local SME IQRF Alliance.

The training event was the transnational learning of modern wireless technologies in the sector of electrotechnics which can be implemented in Smart housing and Industry 4.0. It thereby introduced the key elements necessary for the development, and later, the implementation of Wireless-UP! training module.



Intellectual Output 2 – WirelessUP! Training Module

After identifying and analysing the needs and educational baseline on one side, and joining the training in Prague, on the other side, partners have developed the core of the project – the WirelessUP! Training Module. Training module is **modular, adoptable** in workload and design to foster **mobility** as it is based on **EQF, ECVET and ESCO** tools.

Competencies:

- Understand operation and function of **IOT sensors and actuators**, RF and SPI communication modules
- Understand IoT value chain structure (**device, data cloud**), application areas and technologies involved
- Explore and learn about the **Internet of Things** with the help of preparing projects designed for wireless technology
- Install, program, test and adjust **various wireless modules and devices** into the functional smart system
- Connect functional **smart system** with smart devices via cloud services.

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