

Blended Intensive Programme

Digital Transformation in sparsely populated and transboundary regions: Initiatives and case studies

Type of Participants: Staff and Students

ISCED Areas:

061 Information and Communication Technologies (ICTs)

071 Engineering and engineering trades, e em particular:

0713 Electricity and energy

0714 Electronics and automation

081 Agriculture

082 Forestry

092 Welfare (0921 Care of the elderly and of disabled adults)

Methods and outcomes

The program is focused on digital transformation in sparsely populated territories and involves a combination of online and in-person learning experiences.

Methods:

Online Lectures and Webinars: Participants may engage in virtual lectures and webinars on topics related to digital transformation, such as emerging technologies, smart farming, data analytics and business intelligence.

Outcomes:

1. Enhanced Digital Literacy: Participants develop a deeper understanding of digital technologies, tools, and trends, enhancing their digital literacy and ability to leverage digital resources effectively in various personal and professional contexts.
2. Improved Problem-Solving Skills: Participants gain practical experience in identifying, analyzing, and solving complex problems related to digital transformation, perfecting their critical thinking and problem-solving skills in the process.
3. Expanded Professional Network: Participants have the opportunity to connect with peers, mentors, and other students from diverse backgrounds and geographic locations, expanding their professional network and fostering potential collaborations.

Objectives and Description

Digital transformation in low-density territories presents unique challenges and opportunities. Unlike urban centers, these regions often lack robust infrastructure and face limited access to high-speed internet, hindering the adoption of digital technologies. However, innovative solutions tailored to these environments can bridge the gap. Leveraging mobile technologies,

cloud computing, and the Internet of Things, digital initiatives can enhance connectivity, streamline processes, and improve access to essential services like healthcare and education.

Moreover, digital transformation fosters economic growth by enabling businesses to reach global markets and empowering local communities through digital literacy initiatives. Despite the hurdles, low-density territories stand to benefit significantly from embracing digital innovation, unlocking new pathways for development and sustainability.

Virtual Component Duration (12h / 4 sessions): **June 6 and 21, July 5 and September 4**

Physical Activity Duration (5 days): between **9th and 13th of September 2024**

Main Teaching/Training Language: English

ECTS credits: 4