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AND ADMINISTRATION

SVEUČILIŠTE U DUBROVNIKU
UNIVERSITY OF DUBROVNIK

ulco Université Littoral Côte d'Opale

ERASMUS+ BLENDED INTENSIVE PROGRAMME 2025

10 Feb – 28 Feb, 2025 VIRTUAL PART
3 Mar – 8 Mar, 2025 PHYSICAL PART

INNOVATION ECOSYSTEMS AND THEIR TRANSFORMATIONS IN THE ERA OF CIRCULAR AND REGENERATIVE

PARTNERS

- **University of Pardubice**, Faculty of Economics and Administration
- **Université du Littoral Côte d'Opale**, Management De L´Innovation
- **University of Dubrovnik**, Faculty of Economics and Business

THE BIP MODULES

- Innovation theory and practice - from idea to commercialization
- Barriers and triggers for the transition to a circular and regenerative economy in the emerging innovation ecosystems
- The role of public support systems in circular economy innovation ecosystems
- Business model innovation for sustainable development
- Sustainable Project Design and Agile Management for Circular Economy
- Digitalization in the public sector

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NAME OF THE LECTURER:

doc. Ing. Viktor Prokop, Ph.D.
University of Pardubice, Czech Republic

BARRIERS AND TRIGGERS FOR THE TRANSITION TO A CIRCULAR AND REGENERATIVE ECONOMY IN THE EMERGING INNOVATION ECOSYSTEMS

Annotation:

In the first part of this course, the issue of innovation ecosystems (and related issues of q-helix models and regional innovation systems), sustainability and the application of circular economy principles will be explained in more detail. Subsequently, the different roles of each stakeholder (such as firm, policymaker, university and other) in ensuring the effective functioning of innovation ecosystems oriented to the application of different circular economy principles, such as industrial symbiosis, will be discussed. In the next part, the perspective of emerging innovation systems, typically involving the states of Central and Eastern Europe, will be characterized, with a special focus on different types of performance of these states (innovative, environmental). These regions will also be compared with more advanced Western European economies, whereby students will be tasked with finding appropriate benchmarks for their states as part of their analysis of innovation ecosystems. Part of this course will be the identification of country/region specific examples of good practice, triggers of environmental and innovative behaviour of states across Europe, as well as barriers to these processes. Based on the identification of „success-stories", students will propose their own implications for companies and policymakers. In the last part of this course, new trends in the development of innovation ecosystems will be outlined for students, with special attention paid to the regenerative economy and the twin-transition (digital and sustainability transformation) topic.

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NAME OF THE LECTURER:

Ing. Solomon Gyamfi, Ph.D.
University of Pardubice, Czech Republic

THE ROLE OF PUBLIC SUPPORT SYSTEMS IN CIRCULAR ECONOMY INNOVATION ECOSYSTEMS

Annotation:

The topic studies the influence of public institutions and support systems (government policies, funding, and regulatory frameworks) on collaborations in circular economy innovation ecosystems. It explores how public interventions can support sustainable behaviours, stimulate a transition toward greater collaboration among different actors, and the role they can play in addressing environmental challenges within the innovation ecosystems for the circular economy.

By completing this course, participants will gain insight into the interactions between public support systems and innovation ecosystems, be able to assess the functional mechanisms of different public support systems that encourage circular economy practices. Additionally, participants will be able to examine public policies influencing the creation of circular economy innovation ecosystems based on theoretical assumptions of models of innovation systems.

NAME OF THE LECTURER:

Dave Mobhe-Bokoko, Ph.D.
Université du Littoral Côte d'Opale, France

SUSTAINABLE PROJECT DESIGN AND AGILE MANAGEMENT FOR CIRCULAR ECONOMY

Annotation:

This course aims to train project leaders capable of designing, framing, and implementing innovative projects that address sustainability challenges, with a specific focus on the principles of the circular economy. Students will learn how to develop creative ideas for sustainability, apply agile methodologies, and use sustainable business models, while emphasizing collaboration with various stakeholders within the innovation ecosystem—including businesses, governments, academia, and civil society. The role of innovative ecosystems is crucial in developing sustainable and circular business models, fostering cooperation across different sectors and disciplines. By leveraging the collective expertise and resources of these ecosystems, students will create impactful solutions that tackle economic, social, and environmental challenges, while promoting circular economy practices.

NAME OF THE LECTURER:

Son Thi Kim LE, Ph.D.
Université du Littoral Côte d'Opale, France

BUSINESS MODEL INNOVATION FOR SUSTAINABLE DEVELOPMENT

Annotation:

This course provides a comprehensive understanding of business opportunities and business models in general and business model innovation towards sustainable development in particular. Participating this course, the learners will experience and discuss about the process of creating and developing business model innovation, from 'identifying and evaluating business opportunities' to 'building a business model and plan towards innovation ecosystem for a circular economy'. Subsequently, this course also guides the participant on how the interaction among stakeholders of innovation ecosystems takes place, through exploring innovation management issues

1. in innovation ecosystems such as open innovation and intellectual property rights and,
2. in circular economy innovation ecosystems such as innovation in a resource-constrained environment.

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NAME OF THE LECTURER:

doc. Dr.Sc Meri Šuman Tolić
University of Dubrovnik, Croatia

DIGITALIZATION IN THE PUBLIC SECTOR

Annotation:

The course Digitalization in the Public Sector focuses on the role and application of digital technologies in the public sector with the goal of improving efficiency, transparency, service delivery and fostering interaction between public institutions and citizens. Students will be introduced to the basic concepts and terminology related to digitalization in the public sector, theoretical concepts of digital transformation, current trends and will analyze different case studies.

Group projects and presentations will enable comparison and insights into modern tools and technologies for public sector digitalization, such as e-government and smart cities. Students will develop the ability to critically analyze examples of digital transformation in practice and analyze the challenges and risks of implementing digital systems in public institutions, such as data security, privacy, and the digital divide.

1. Introduction to digitalization in the public sector
2. Concept and models of e-government
3. Smart Cities
4. Digital Services for Citizens and Businesses
5. Security and Privacy in the Digital Public Sector

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NAME OF THE LECTURER:

Prof. dr. sc. Nebojša Stojčić
University of Dubrovnik, Croatia

INNOVATION THEORY AND PRACTICE - FROM IDEA TO COMMERCIALIZATION

Annotation:

In this course, students will be introduced to the issues of creating various types of innovations, both in terms of their type (product, process, organizational, marketing, and other) and their novelty, for example, radical versus incremental innovations. Students will learn the main theoretical directions dealing with the issue of innovations, supporting their emergence, and commercialization. The roles of various stakeholders (including policymakers, universities, and practitioners) in the innovation process will be discussed, as well as the specifics of the creation and commercialization of innovations in different European countries and innovation systems. Special attention will be paid to the emerging innovation systems of Central and Eastern European countries, the historical development of the innovation performance of these countries, and other development trends.