

ERASMUS+ BLENDED INTENSIVE PROGRAM

EMERGING TECHNOLOGIES FOR SUSTAINABLE BUSINESS

Erasmus+ BIP ID:

025-1-PT01-KA131-HED-000320816-2

**COIMBRA
BUSINESS
SCHOOL**

iscac
Politécnico de Coimbra

 **Erasmus+**

Type of Participants (Learners): **Staff & Students**

Maximum Number of Participants: **30**

Priorities Addressed: **Digital Transformation & Inclusion and Diversity**

Main Teaching/Training Language: **English**

Introduction

Emerging Technologies such as the Internet of Things (IoT), cloud computing, blockchain, data analytics and artificial intelligence are now ubiquitous and pervasive. Businesses are using them to digitally transform their products and services and innovate their processes.

But how are students coping with the challenges posed by these technologies in order to provide sustainable solutions? Is this just hype? This programme provides students with the theoretical framework of each technology and showcases projects and innovations from partner companies. The programme concludes with visits to companies, innovation centres and research facilities.



Where?

- Coimbra, Portugal
- Coimbra Business School | ISCAC
Polytechnic University of Coimbra

When?

Deadline for students' nominations:

February 21, 2026

Virtual Activities: March 2026

In-Person Activities:

From April 13 to April 17, 2026

Short In-Person Program

Monday to Friday: intensive course, leaning activities, and visits to companies

Friday: Projects presentation, prizes and Closing Ceremony

The social program is part of the Thursday activities.

How to register?

In Erasmus **Beneficiary Module Platform** by each HEI International Relations Office

How much will this BIP cost?

- **Program includes:**
 - 2 coffee breaks and lunch each day (Monday to Friday)
 - Dinner on Monday, Tuesday, and Thursday
- **The Program does not include accommodation**
Students should book their accommodation.

Special prices are available with the code **#ISCACERASMUS2026** by email to:

- **StudentVille Academia**
Raquel Teixeira, info@studentville.pt
Individual room with private bathroom (includes bed linen, and bath towels)
- **Livensa Living Coimbra**
(includes bed linen, bath towels, and Kitchen pack and private toilet/room)
Single room - Double room
living@livensaliving.com
rgomes@livensaliving.com

Eligibility and Enrolment

- Open to students from any of the partner universities, either in undergraduate or master's programs.
- No prior experience is required.

Virtual Sessions

- Scheduled for March, 2026, conducted via Teams.
- Total of 30 hours: 18 of synchronous sessions plus 12 hours of autonomous work.
- Focus on foundational concepts of emerging technologies and sustainability.
- Aim to bring all participants to a common level of understanding, irrespective of their backgrounds.
- Designed to prepare students for the April in-person course in Coimbra.

In-Person Course

- Takes place in the second week of **April 2026 - 13 to 17**.
- Total: 30 hours for classes and visits + 5 hours of social programs + 10 hours of autonomous work.
- Emphasizes the connection between the theoretical skills learned in virtual sessions and the approaches in real context.

Methods and Learning Approach

- Project-based learning in both virtual and in-person classes.
- Encourages collaboration among students to understand how emerging technologies can solve real-world problems.
- Problem-solving and analytical and critical thinking skills.

Outcomes and Skills Developed

- Understanding Digital Transformation and Emerging Technologies.
- Proficiency in Emerging Technologies idealization and its use in real contexts.
- Ability to think using the Sustainability mindset and incorporate it with emerging technologies.

Final Project:

"Road movie" including emerging technologies examples in real world and images from their home Universities and Cities.

ECTS: 5

Description

I. Acquisition of Foundational and Theoretical Knowledge (Technological Focus)

1. Understanding of Digital Transformation (Driven by AI): Promote a robust theoretical framework, focusing on emerging technologies that drive Digital Transformation, particularly Artificial Intelligence (AI) and information processing technologies (according to The Future of Jobs Report, from World Economic Forum, 86% of employers expect to transform their businesses by 2030).
2. Exploration of High-Impact Technologies: Introduce and analyze technologies that will shape the future of work, such as AI, IoT, blockchain, robotics and autonomous systems (expected to transform 58% of businesses) and energy generation, storage, and distribution (expected to transform 41% of businesses).

II. Development of Technical and Analytical Skills

3. Development of AI and Big Data Skills: Train participants in AI and Big Data technology skills, which top the list of fastest-growing skills in the job market.
4. Fostering Cybersecurity and Technology Skills: Develop technological literacy and an understanding of networks and cybersecurity, the second fastest-growing skill, which is crucial given the prevalence of technologies such as the Internet of Things (IoT) and cloud computing.

III. Integration of Sustainability and Business Context (Practical Applications and visits to companies)

5. Creating Sustainable Solutions with Emerging Technologies: Empower students to use emerging technologies (such as blockchain and data analytics) to address challenges and develop sustainable solutions, integrating the sustainability mindset with the growing demand for green jobs in the labor market, including those driven by energy and robotics technologies.
6. Connecting Theory and Practice and Innovation: Linking the theoretical knowledge from virtual sessions with real-world approaches through project-based learning and visits to companies and innovation centers, presenting projects and innovations from partner companies.

IV. Collaboration and Multimedia Creation (Social-Emotional and Communication Skills)

7. Strengthening Critical and Creative Thinking Skills: Improve problem-solving abilities and analytical and critical thinking skills, which remain among the most sought-after skills by employers, with analytical thinking being the most sought-after core skill and creative thinking one of those expected to grow in importance.
 8. Promotion of International Collaboration and Diversity: Encourage collaboration among students from different partner universities in at least five countries to address real-world problems and promote diversity and inclusion.
 9. Content Development and Communication: Develop the ability to synthesize and communicate complex topics by creating a road movie about emerging technologies and sustainability.
- The focus on AI and information technologies, robotics, and energy technologies, in particular, aligns the program to be robust and prepare students with the main forces of transformation predicted in the labor market for 2030.

Virtual Component Description:

The virtual component of the Blended Intensive Program (BIP) is a preparatory course, covering the foundation on emerging technologies and sustainability both on what concerns to theoretical concepts and also with the cooperation with companies that will act as this BIP partners.

- Each of the 6 virtual sessions will be organized as follows:
- 2 h devoted to the presentation of each emerging technology
 - 1 hour for real projects presentation (by BIP Partners)

BIP Industry Partners

Centro Tecnológico da Cerâmica e do Vidro | Plural Udifar | Stratio | Cleanwatts | ANOVA – Portugal | ESRI | Luís Simões | Navigator | Altri | S.I.A (Sociedade de Aperitivos) | Rangel

During these sessions, participants will be organized in groups to prepare the final project, which is a road movie including emerging technologies examples in real world and images from their home Universities and Cities.

The cooperation both with teachers and with partners will prepare students to the “in-presence” program and to the visits to companies, and will promote the development of students’ preparation to work with emerging technologies promoting sustainable business and innovation.

Objectives and Description

Main Objectives

1. Acquisition of Foundational and Theoretical Knowledge
2. Development of Technical and Analytical Skills
3. Integration of Sustainability and Business Context (Practical Applications and visits to companies)
4. Collaboration and Multimedia Creation (Social-Emotional and Communication Skills)

BIP Industry Partners



Higher Education partners

