



# Newsletter

EntRENEW course in Entrepreneurship  
in Renewable Energy

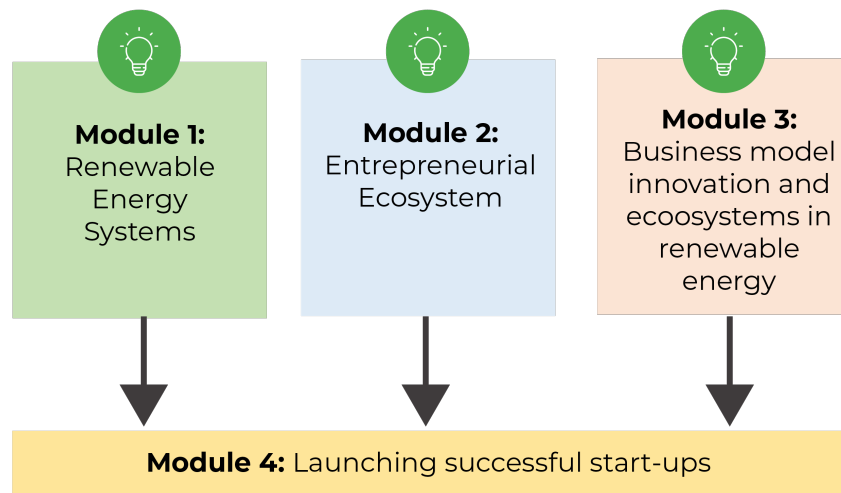
In April 2023, the EntRENEW project passed its 32-month work period, and we can proudly say that during this time, the project's strategic objective is aligned with the accomplished activities. The consortium created trans-disciplinary innovative content tailored to deepen the technical knowledge of students with a business background and strengthen the entrepreneurial mindset and skills of students from engineering majors. The course went through an internal peer-review process to ensure high-quality products. Through this course, the projects aim to increase specific knowledge and thus the capacity of European students to become entrepreneurs and leaders to address the challenges of Europe's future sustainable prosperity and the transition of energy sectors towards decarbonization as part of the European Green Deal. Developing entrepreneurial capacity will unleash the potential of learners and employees to design and test successful innovative practices in the renewable energy business resulting in reduced carbon footprint emissions in the long term.

The course will be incorporated in the Master majors already existing within the participating partnering organisations with the perspective of further developing it in a post-graduate programme. All modules are adapted to the specific students' needs and should contribute to the achievement of the learning objectives. The content of the training was co-developed by the partners depending on their expertise. The course videos can be found on the EntRENEW platform. They were filmed at ALDV premises, but the content is a result of the contributions of all partners.

## Learning Outcomes:

- 1- Describe the institutional and regulatory frameworks of sustainability in renewable energy.
- 2- Apply them to identify innovative and sustainable business opportunities.
- 3- Characterize sustainable business models.
- 4- Evaluate them.
- 5- Propose a sustainable business to address unmet needs.

The course is based on a blended learning approach, and the students will have access to multimedia material, scientific articles, and books in advance. In class, the interaction between professors and students will be based on virtual and face-to-face lectures on gamified activities and on a course project. The examination includes assignments, final projects, and extra activities defined by each instructor. The course varies between 5 and 7.5 ECTS depending on the specific demands of each academic institution. It is structured into 4 interrelated modules.



## MODULE 1: Renewable Energy Systems

In this module, students will understand more about the energy world as it will cover sustainability and its goals, energy policy, and technology, and discuss some illustrations and real cases. It will provide an overview of renewable energy systems. The module is divided into two lectures: (1) Sustainability and the 2030 Agenda and (2) The Basics of Energy.

## MODULE 2: Entrepreneurial ecosystem

The entrepreneurial ecosystem consists of 4 main parts. Module 4 aims to explain the background of open innovation, the vibrancy of an entrepreneurial ecosystem, how it changes over time, and its dynamics. It will cover the life cycle of the small firm or venture development and introduce students to the assignment they have to prepare about painting their local entrepreneurial ecosystem.

## **MODULE 3: Business model innovation and ecosystems in renewable energy**

How to think as an entrepreneur? The students will learn some concepts related to business modeling and sustainable business modules, how to build a marketing strategy for start-ups, and learn tools that will help them approach the investors and that they will use to generate a successful, sustainable start-up. Module 3 will focus on specific subjects as: (1) Business Modelling, (2) Climate Impact, (3) Validation, (4) Talking to investors & stakeholders, (5) Marketing.

## **MODULE 4: Launching successful start-ups**

How to act as a sustainable entrepreneur? Module 4 will teach how to formulate an entrepreneurial vision in energy and how to construct and evaluate a business model from a sustainability perspective. The students will work on their own idea using all the tools and knowledge they have acquired in the previous modules.

During the Transnational Project Meeting on the 11th of April 2022, held in Paris, France, the consortium discussed the course content development, filmed the course videos, and finalised IO2 Training Contents. The partnership discussed the next steps for developing the e-learning platform and the virtual incubator.



## CONTACT US

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