



LOOP
“Living Opportunities for our Planet”

E-Learning guide for the teachers



THE MEANING OF IT ALL

Participating in the e-learning phase of the Erasmus+ LOOP project is **mandatory for all teachers belonging to partner schools** who represent a class involved in the project.

From this point of view, it is necessary to understand the importance for teachers of **having an adequate preparation** on the same topics on which their students will have to work.

Through this preliminary path, it is valuable that **not only the teachers acquire notions**, but also that they **build a sensitivity towards the topics**, that will be crucial in tracking the performance of their students and the works that will take place right after this phase.

Finally, we underline that **the progress and the results of the e-learning course will in any case be monitored and tracked**, and that the platform will keep a record of the activity carried out by each teacher.



WHAT WILL YOU LEARN?

As generally mentioned in the project description, your main learning focus will be **circular economy practices in Europe and current issues related to sustainable development**, but there is more to know...

Following the adoption of the Circular Economy Action Plan in 2015, the EU has promoted measures to stimulate the transition towards a circular economy. The adoption of the circular model may be an effective strategy to break the spiral of inefficiencies that seriously damages the natural, economic and social equilibrium of today's world.

Thanks to the partnership with **FEEM** and the **University of Zagreb**, you will be guided within a discovery journey through the most interesting aspect of the **circular economy model based on the 4 principles “Redesign, Reduction, Recycling and Reuse”**, thus being able to build your own grounded opinion on **various aspects of sustainability**.

The program of the course consists of 4 units: each unit features 1 masterclass lesson, 2 video lessons and a series of intermediate tests.

- UNIT 1 – REDESIGN (ECODESIGN; IOT)
- UNIT 2 – REDUCTION (LEAN MANUFACTURING; CARBON CAPTURE & STORAGE)
- UNIT 3 – RECYCLING (CIRCULAR ECONOMY INDICATORS; CIRCULAR ECONOMY FOR THE ELECTRONICS MARKET)
- UNIT 4 – REUSE (THE TEXTILE INDUSTRY – A CIRCULAR APPROACH; REUSE AND RECYCLING IN THE CLOTHING MARKET)
- GENERAL FINAL TEST



HOW IT WORKS

First you will need to access the platform with the **credentials that have been provided to you** by the project coordination staff.

Once logged in, it will be possible to use all the functions of the platform, and you shall access the area called LEARN.

It is right in this area that you will find all the resources you need to complete your e-learning experience within the LOOP project.

Those who curated and programmed this web area took account of the fact that for you there were no difficulties in use or the need to read complex sets of instructions: **everything is quite automatic**, and often being guided by the **explanatory texts** of each phase or section, it is more than enough not to encounter any problems.

The most important thing is to **understand what the structure is**, and therefore the preliminary nature of the contents.

The course you will take is divided into **two main parts**.

A first part of general preparation, which is essentially based on readings that you will have to carry out before moving on to the next phase: you can **view and download** these text documents by accessing the **e-library section** and clicking on the thumbnails corresponding to each of them.

Once you have finished this preparation experience, you will be ready to make the most of the immediately following **masterclass phase**.

The masterclass phase consists of **4 video sessions by the scientific partners of the project**, namely the University of Zagreb and FEEM. The lessons in video format must be followed with particular attention, as **at the end of each of them you will have to take a verification test**, and only if you pass this test successfully will you be able to access the next lesson.

The final test will obviously be **more extensive and complex**: also, for this reason we suggest you proceed with a systematic method in the use of the lessons, perhaps **taking some notes and thus trying to memorize the main features of the disciplinary study**.



OPEN MIND

To optimize the didactic progression of the proposed materials, an accurate editing control was developed, thanks to which it was possible to guarantee their adequacy to the **OpenMind** methodology.

From this point of view, especially when you find yourself **sharing this learning path with the classes**, we suggest you take advantage of the test questions to create stimuli to be placed before the discussion of each topic with the class.

For a brief reference on **how to structure the lessons with the OpenMind method**, you can refer to the checklist below:

1. Prepare an **assessment test** to evaluate how much the students are already interested and possibly prepared on the topics to be treated.
2. Break down the key topics into a **progression** of gradual difficulty.
3. For each topic, find a **stimulus factor such as a statistic or an actualizing question** to develop a brief background discussion with the class.
4. Learn more about the topic through the **didactic concepts** learned in the course.
5. **Offer a short test ... better if fun.**
6. Move on to the next topic according to the same paradigm.