



# Linear2C

your transition from Linear  
to Circular Construction



Here the purpose of the L2C project:



Promote the  
transition to a  
circular economy  
in construction  
companies

Create a checklist  
of good practices  
for circular  
construction



Develop an app to  
guide the  
validation of  
sustainable  
practices

Browse the newsletter 





## Linear2C. Let's discover the project!

Linear2C is an Erasmus+ project submitted by CPEONS to the Belgian Erasmus agency AEF-Europe. Linear2C aims to integrate the construction sector into a circular economy by designing precise micro-credentials tailored to various education levels and audiences. It will also develop evaluation criteria to guide the validation process, create a good practice checklist, provide specialised training for companies on circular economy management, and develop an app that collects results through a serious gaming approach. This initiative intends to foster innovation in vocational education and training.

The promotion of a circular economy is essential for sustainability, environmental conservation, and combating climate change, which are pressing issues that significantly affect contemporary society and our lives.

Linear2C aims to raise awareness among all stakeholders in the construction sector, including designers, architects, property developers, contractors, recyclers, vocational schools and training centres, ensuring that they can integrate the circular economy into their workflows in a responsible and informed manner.

Follow the progress and join us in driving change!

## The importance of the circular economy in the construction sector

The circular economy represents a path towards innovation, responsibility, and sustainability, paving the way for a more responsible future. It's about keeping components and materials in the economic cycle for as long as possible and minimising waste production and resources consumption.

The construction sector can make a significant contribution to environmental sustainability. Previously, a linear model was adequate; however, it is no longer viable today, making a circular model necessary.

This involves, among many others, the demolition of a building and the reuse of construction materials, enhancing the recycling of used materials, and extending a building's lifespan through ongoing maintenance and careful renovations. To accomplish this, we must change our approach to construction sites, invest in research and development, integrate the circular economy into business models and promote awareness and training on this topic.

The circular economy is not just an ethical and environmental obligation; it represents an incredible opportunity for innovation and value creation within the construction sector. As resources become increasingly scarce, embracing circularity enables us to build a better and more sustainable future.

Embracing this approach benefits the planet and creates long-term value and resiliency for businesses and communities.





*Find out how Linear2C can assist your company in entering the circular economy. Best practices, microcredits and an app to support your transition ->*

## The project partners

The partnership, coordinated by CPEONS, is made up of 6 partners from 5 countries (BE, IT, IE, PT, FR) - 2 VET Institutes, 1 University, 1 Construction Association, 1 Company in educational technology, and 1 Company in quality assurance/communication - with specific responsibilities in the fields of digital technology, training, pedagogical practices, in-depth experience in the construction sector, circular economy and networking.

### Coordinateur: CPEONS (Belgium)



CPEONS promotes and defends full-time and part-time secondary education, adult education and non-university higher education in the French Community of Belgium. It represents 55.000 students attending secondary school, 82 secondary schools, 14 training centres, 77 Social Advancement Institutes, 6 University colleges, and 5 Higher Education Institutes for Arts. One of its objectives is to promote and support new pedagogical experiences, contributing to the valorisation of technical and professional education. CPEONS, as coordinator, is the partner responsible for project management.

### Embuild (Belgium)

Embuild is a professional organisation that represents and supports all Belgian companies and trades in the construction sector at regional, national, and European levels. It represents more than 15,000 contractors, from craftsmen to global players, carrying out all forms of building and civil engineering activities. It will mainly focus on compiling good practices related to the circular economy, creating a dedicated survey, gathering information, and producing training content on managing the circular economy.



### Ente Scuola Edile (Italy)



The Scuola Edile di Piacenza is an institution accredited by the Emilia-Romagna Region for training in the construction sector. Its target audience includes construction companies, craftspeople, workers, technicians, job seekers and employed persons. The aim is to enable participants to acquire, improve and perfect their professional skills and abilities and to raise awareness in the workplace with a view to improving safety and productivity.

The Ente Scuola Edile will work closely with CPEONS on micro-certifications and training content and will create assessment and validation tools.





### Technological University Dublin (Ireland)

TU Dublin is Ireland's first technological university. It is dedicated to academic excellence in fields such as science, arts, economics, engineering, and technology, supported by career-oriented students and qualified staff. The university provides an inclusive and open learning experience with diverse pathways to graduation, ranging from apprenticeships to PhDs.

TU Dublin is responsible for writing and accrediting courses from Level 6 to Level 10 on the National Framework of Qualifications.



### EPISTEMES – La Technologie éducative (France)



EPISTEMES is a start-up based in the South of France, specialising in educational technology (or EdTech). Epistemes creates virtual and augmented reality technologies to offer digital solutions adapted to different learner typologies. Epistemes will develop the AppL2C application to support training.

### Imanovation (Portugal)

IMANOVATION is a small company with a large database of experts covering different VET expertise fields. It brings together a network of international and national vocational education and training experts (VET) developing activity at the European level.

As part of the project, IMANOVATION will contribute its experience in the field of project quality assurance, which includes the methodological approach and monitoring activities, and will also be responsible for communication and dissemination.



### Deuxième réunion transnationale du projet L2C - Piacenza (Italie)

The second transnational project meeting was organised in Piacenza on 10-11 April, hosted by Ente Scuola Edile.

The meeting was opened by CPEONS, who welcomed the partners and outlined the topics to be addressed over the two days. The first item on the agenda was the presentation of results from the survey conducted by Embuild. This questionnaire involved professionals and companies in the construction sector. Following this, discussions focused on developing the training modules that will be included in the project's training catalogue. Additionally, Partners started seeking best practices and valuable activities for companies aiming to implement circular economy principles in their operations or directly on construction sites.





These results will be shared and made available to everyone (companies, managers, and professionals in the construction sector) so that they can use them, promoting the circular economy as a more widespread and recognised practice.

## Results of the questionnaire on good practices in the circular economy



This questionnaire, promoted by the Linear2C project, aimed to identify the skills and understand the needs of those working in the construction sector concerning the concept of **the** circular economy. The purpose is to create small training courses on key topics of common interest related to the circular economy in the **construction** sector.

The questionnaire was mainly filled in by workers and managers from Belgium, France, Ireland, Italy and Portugal. They expressed interest in half-day training modules, emphasising their desire to reduce their environmental impact in a conscious way, through training that helps them understand how to take action and raise awareness.

The focus mainly lies in managing construction waste wisely and learning to reuse building materials by keeping them in the production cycle, emphasising the use of **sustainable** materials.

The project partners will consider all these needs to create micro-certifications that can help and train professionals, managers, and workers to improve their work from a circular economy perspective.

