

ISSUE NO. 2 - JULY 2022

# NEWSLETTER

## UP 4 GREEN CONCRETE

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Published

Partners Meeting in  
Athens

Mobile App  
Beta Version

Learning Teaching  
Training Activity in  
France

### Project fact sheet

Title: UP 4 GREEN CONCRETE

Subtitle: Upskill professionals for sustainable  
renovation plans of concrete buildings

Project number: 2020-1-FR01-KA202-079810

Partners:



IFPRA de Normandie (coordinator)



CAPEB Calvados



Associazione NET



FORMEDIL Emilia-Romagna



36.6 Competence Centre



EXELIA



Järva County Vocational Training Centre

Duration: 01.10.2020 - 31.03.2023 (30 months)

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# UP4GC CURRICULUM PUBLISHED

The **second intellectual output** of our project i.e. **The Curriculum** on Renovation of Concrete Buildings has been published on the project website in all partners' languages (Estonian, French, Greek, Italian, Polish and English).

The curriculum was developed on the basis of previous national reports as well as the mapping of competences activity.



## UP 4 GREEN CONCRETE LEARNING UNITS FRAMEWORK

Both the national reports and mapping of competences determined the aspects to be learnt in order to renovate concrete buildings, with special emphasis on reducing energy consumption, ensuring a healthy environment (e.g. air quality, soundproofing) and adapting to new lifestyles, expectations and construction standards. The curriculum consists of **four learning units**:

- Unit 1: Analysis of concrete building typologies to be regenerated/retrofitted
- Unit 2: Analysis and pathologies of concrete buildings
- Unit 3: Techniques for renovation and energy regeneration of concrete buildings
- Unit 4: Energy regeneration: different heating systems and ventilation

To **get to know more** about the process of its development and read the complete curriculum in your language, please click [here](#) to visit the curriculum page!



## IO2 - A Curriculum: Renovation of Concrete Buildings

The curriculum will be the result of the previous work undertaken to determine the aspects which need to be taken into account if we consider the rehabilitation of concrete buildings and housings in view of reducing energy consumption, ensuring a healthy environment (air quality, soundproofing for instance) and an environment adapted to new lifestyles, new expectations and new construction standards. Both parts of the before mentioned comparative analysis will be cross-examined and this comparison should allow partners to determine knowledge, skills and competences required to be able to undergo a comprehensive analysis of a building and propose a global answer to the owner. Consequently, a new curriculum will be devised to upskill professionals and future professionals on the rehabilitation of concrete buildings. This output is expected to be used by training providers in order to train professionals and future professionals on the rehabilitation of concrete buildings. This curriculum as such does not exist yet.

The curriculum is made up of four units of learning outcomes and the learning process comprises the following units:

- Unit 1: Analysis of concrete building typologies to be regenerated/retrofitted
- Unit 2: Analysis and pathologies of concrete buildings
- Unit 3: Techniques for renovation and energy regeneration of concrete buildings
- Unit 4: Energy regeneration: different heating systems and ventilation

To see the curriculum, please click on following links:

# MOBILE APP BETA VERSION



UP4GC **mobile app** will serve as a **tool** to support professionals in the implementation of the UP4GC curriculum in **practical situations**.

It will enable craftsmen to analyse a **building** and its **pathologies** by providing check-lists with:

- points of vigilance
- descriptors to choose from for each point mentioned above
- a potential solution to propose in each case

Practically, it will be a **diagnostic tool** of the flat/house/building pathologies with some **learning components**.

**EXELIA** and partners involved in the creation of the app content have made **considerable progress** over the past few months, thus making it possible to test the first **beta version** of the app during the Athens meeting. After a general presentation and videos of the interface and functionalities, partners scheduled the **following tasks**:

- content translation to national languages - JUNE/JULY
- development of translated versions into the app - JULY/AUGUST
- testing among project partners - AUGUST/SEPTEMBER
- **downloadable final versions for Android and IOs** - END SEPTEMBER
- piloting the app with students - SEPTEMBER/OCTOBER



## INTERFACE



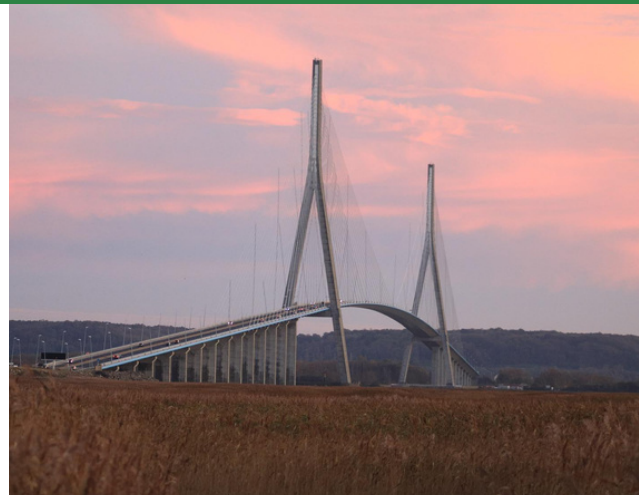


# LTТА IN NORMANDY, FRANCE

Between **October 11th and 14th, 2022** in the city of **Le Havre**, Normandy, France, we will organise a Learning Teaching and Training Activity (**LTТА**) - an **educational event** aimed at trainers referred by each of the institutions participating in the project.

During these 4 days participants will be able to:

- **get to know the project**, its objectives, outcomes and resources (the national reports, curriculum,, mobile app and guide for professionals
- **test** some of the project **products** i.e. mobile app and guide for professionals
- take part in a **study visit** to one of Normandy's picturesque places of interest
- **integrate** and **network** with foreign professionals in the sector



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