

LightCoce project will offer 5 upgraded pilot lines, as well as characterisation facilities, process modelling, quality assurance and monitoring, standardisation, safety and innovation management services that will be accessible to the interested customers at fair conditions and cost.

Pilot Lines

- 1 Smart lightweight concrete and components
- 2 Cellular lightweight concrete
- 3 Pressed ceramics
- 4 Extruded lightweight ceramics
- 5 Advanced ceramics



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LightCoce Project

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Discover how an innovation ecosystem can improve your business!

Join
LightCoce Ecosystem!



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What is LightCoce project?

LightCoce is a research project funded by the European Community under the H2020 program, with the aim of creating an ecosystem of business innovation capable of upscaling and testing new multifunctional lightweight materials for SMEs.



Do you need to innovate your business?

Innovation services are open access under specific fees to all parties, such as: development of business model, marketability assessment, suggesting technology to enable your value proposition or embodying it in a product/service in favour of the user, ensuring the proper protection of the IP developed and identifying the funding opportunities at local or EU scale.



How LightCoce helps you overcome complex standards and regulations?

Standardization and regulatory compliance are key issues for further exploitation and commercialization of innovations. Testing will be in alignment with international standards (CEN, ISO, ASTM, etc.) and regulatory framework aiming to develop products towards EU standards.



Which is the target market of LightCoce?

LightCoce can address different types of customers such as: Banks, Funds / Investors, Incubators / Accelerators Public Bodies and Owners of Infrastructures Research institutes / Universities, Large Enterprises, SMEs, Startup / New Ventures Industrial Associations or Groups Raw Materials Providers.



Can large-scale modeling help you evaluate new opportunities?

The Modeling Group focuses on process modeling and simulation through the development of holistic models of processes through multi-scale modeling of materials and unitary operations. Moreover, predictive modeling at different levels will be implemented to generate a chain of models that lead to full-scale simulation of real structures, to evaluate the overall performance of solutions at a global level.



Which professionals can benefit from LightCoce services?

The relevant reference markets are different, such as: Construction industry, Bricks and Tiles industry, Aerospace industry, Automotive industry, Defense industry.

