

ENERGY-EDUCATION PLATFORM

This one-stop-shop platform as a basic tool of INSTRUCT project allows to access training, knowledge, expertise, best practice and associated services related to BIM for energy in a single click!

The Energy-Education platform is formed by a number of services that support training management and authenticity for a community of users. The web-based platform (www.energy-education.com) works as a dynamic, user-oriented platform for educational purposes in the construction sector. The architecture of the platform includes several functions:

- ◆ Professional Networking Service
- ◆ Events Calendar Service
- ◆ Sustainable Energy Tools
- ◆ Use Cases
- ◆ Trainings database

The platform is a scalable and context-based solution with modules that enable searched BIM information and knowledge discovery using a symbiosis of technologies such as semantic web, social networking. The platform aims at supporting the understanding of the landscape concerning BIM training requirements for energy efficiency.



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Energy-Education Platform

Energy efficiency trainings
Use cases
Sustainable Tools



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Why INSTRUCT?

The European Union aims to achieve zero net greenhouse gas emissions by 2050.

The Green Deal strategy, which aims to halt environmental degradation, calls for appropriate measures at many levels: from legislative changes to initiatives in specific sectors. A particularly important sector is the construction industry which provides 18 million direct jobs and contributes to about 9% of the EU's GDP. By making the sector more competitive, resource efficient and sustainable it will significantly contribute to green transformations and to achieving the EU targets.

Developed in INSTRUCT project services included sustainable energy skills passports/registers for workers, new legislative frameworks or public procurement practices, initiatives for home and building owners, and new partnerships in the construction value chain. Those solutions have been demonstrated in 8 Pilot Demonstrators across 7 European countries in order to evidence links between energy skills/education and energy performance/quality, as well as the usefulness and ease of use of the developed tools for recognition of energy skills and qualifications. Each demonstration focused on different topic as demonstrated on the scheme on the right.

