

ITE for sustainable construction - INEF4



INEF4 (Institut National d'Excellence Facteur 4) is an ITE dedicated to research and innovation in the sector of sustainable construction and sustainable rehabilitation. INEF4 is a multidisciplinary institute in the domain of carbon-free energy, bringing together public and private research bodies as well as companies for developing innovative projects. INEF4 is designed to be a tool at disposal of construction companies, and more largely, to stakeholders in the building industry. It helps them to take the steps required for enhancing their competitiveness, for the development of new offerings entering into the logic of the energy transition and environmental compliance.

The recent creation of a chair and a joint laboratory "[Sustainable Construction: Architectural and Urban Physics](#)" (SCAUP) supports the strategy shared by UPPA (IPRA) and Nobatek. The joint laboratory develops new programs in the field of urban digital models at the scale of buildings and districts. The joint laboratory will also develop an innovative dual approach, combining architecture and engineering for energy efficiency of buildings with the positive energy building (BEPos) target for new constructions and renovation. This action will also help reinforce curricula in the domain of sustainable construction.