

# Laboratory of Thermal Engineering, Energy and Processes

## *Presentation of the laboratory*

The **LaTEP** (laboratory of thermal engineering, energy and processes) addresses the issue of the energy transition by carrying out research in energy and processes for the environment.

The **LaTEP** is a special research team (EA 1932) composed of 23 lecturer-researchers, 1 administrative staff member and around 20 PhD students and postdoctoral researchers.

The **scientific skills of the laboratory** are based on experiments, modeling and simulation in:

- \* The thermodynamics of fluids and energy systems.
- \* Multiphase transfers.
- \* Phase changes.
- \* Intensification of transfers and processes.

These skills put into practice to meet important societal issues centered on the energy transition: energy storage (surface and subsurface), optimization and efficiency of energy systems and processes, CO<sub>2</sub> Capture, Transport and Storage (CCTS), indoor air treatment, waste recovery and sludge dewatering.

**The LaTEP is a member of the ISIFoR Carnot Institute and the Energy Transition Institute INEF4.**

In 2011, the unit was evaluated by the AERES and obtained [\[e1\]](#) an average rating of A.

In 2015, the unit was evaluated by the HCERES. You can download [the complete evaluation report of the LaTEP by the HCERES](#) (Pdf - 44 Ko).



