



Energy control:
Solar
Hydraulic
Biomass hydrogen
Wind
Fission
Fusion

Competitiveness pole **Capenergies** **Greenhouse** **Gas-free energies**

We must focus our efforts on achieving a sustainable energy bouquet:
The Energy Demand Control Development,
Renewable Energies,
Current and future Nuclear,
All possible innovative solutions.

No solution must be left aside.
Our environment, our competence and
know-how guarantee our success.

- A wide-reaching training offer, covering the entirety of the needs.
- High potential for research & development focused on regional poles.
- Projects supported by major industry groups and many small and medium-sized businesses.

State-of-the-Art projects, Featuring high international visibility

- Technological solar platform.
- Solar energy component and system qualification in actual sunshine conditions.
- Wind technology platform.
- Multi-usage control of large hydraulic facilities.
- Hydraulic micro- and pico- units on irrigation channels and drinking water ducts.
- Technological platform for hydrogen mass production and transport.
- Technological platform for thermal treatment of biomass.
- High performance buildings.
- Éco-energy plan.
- ITER experimental fusion reactor.
- Experimental platform for 4th generation nuclear reactors.
- Energy and environment city.
- Annual international symposium on future energies.
- Development of a virtual library of renewable energies.

A very wide – reaching training and education offer.

6 major universities

Université de Provence, Méditerranée, de Corse, Nice-Sofia-Antipolis, Toulon Paul Cézanne)

6 higher engineering schools

Ecoles d'ingénieurs de Marseille, Ecole polytechnique Universitaire de Marseille, Ecole Supérieure d'ingénieurs de Luminy, Institut des Sciences de l'ingénieur de Toulon et du Var, ENSAM, Institut National des Sciences et Techniques Nucléaires, Project of an ENSAM higher engineering school in Bastia. Research master degrees and targeted training sessions.

3 original poles

The Aix-Marseilles pole

(CEA, IRSN (radioprotection and nuclear safety institute), Institut de Recherche pour l'ingénierie de l'Agriculture et de l'Environnement (agriculture and environmental engineering research institute), Geological and mining research office, mixed CNRS research centres – CNRS Universities)

Corsica pole

(Université de Corse, Vignola solar research centre, Bastia wind energy platform, University Institute of Cargèse)

Nice-Sofia-Antipolis pole

Energetic centre of the "Ecole des Mines" mining engineering school, the building industry scientific and technical centre, National Scientific Centre of ADEME.



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