

Themed Day: Energy and Sustainable Development



Component
École Nationale
Supérieure
d'Électrotechnique
d'Électronique

In brief

- > **Amety's Code:** N9EE37A
- > **Open to exchange students:** Yes

Presentation

Objectives

Have a broad understanding of energy issues and the energy transition

Description

Beyond teaching about renewable energies (photovoltaic, wind, biogas, etc.), at the heart of our New Energy Technologies program, we want to give students a broader view of energy issues and challenges. To do this, we call on industry specialists in various fields. They give a one-day or half-day presentation, and students write a summary of the presentation, which is then assessed.

Examples of theme days:

JT: Energy transition challenges: Stephan Astier, Professor Emeritus, Toulouse INP

JT: PV: Brigitte Caoussat-Bonnans

JT: Microbial fuel cells

BASSEGUY Regine

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JT: CO2 capture processes

ALIX Pascal, IFPEN

JT: Nuclear energy

LATGE Christian, CEA

JT: Societal acceptability of renewable energies

VERVIER Philippe Acceptable Futures

JT: Industrial Ecology

Marianne Boix, Ludovic Montastruc

JT: Economic Aspects of Energy

LAFFORGUE Gilles, Toulouse Business School

JT: Economic Analysis of the Electricity Market

LEROYER Yoanne, Basque Country Community of Municipalities

JT: Biogas

PRIAROLLO Jeremie, Solagro

JT: Housing

CAPITAINE Loic, Ecozimum

We also visit industrial sites to illustrate the various lessons learned.

Wind and photovoltaic power production site in Ville Franche de Lauragais

Le Bazacle hydroelectric power production site in Toulouse

Smart ZAE SCLE INEO smart grid demonstration platform

Clerverts waste treatment and biogas production site, Organic Vallée