

The Lorraine Carnot Institute for Energy and Environment (ICEEL) is an innovation catalyst for businesses, thanks to its skills in geosciences, material sciences, process engineering and transfer of associated technologies. The knowledge of its researchers in the domain of engineering reinforces the partnership link with industrialists and allows them to find a project environment and cutting edge technologies adapted to their needs.



Resources – Processes – Materials – Energies : four cornerstones at the service of your scientific and technological developments

Thematic axes aimed at the creation of value and challenges for society for the 21st century



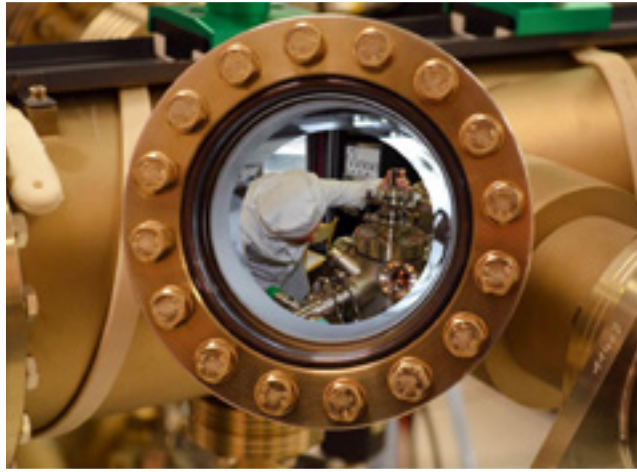
Target markets

- Materials
- Energies
- Environment
- Aeronautics
- Automobile
- Manufacturing
- Chemistry, Biotechnologies
- Health
- Construction



Promotion of primary and residual materials

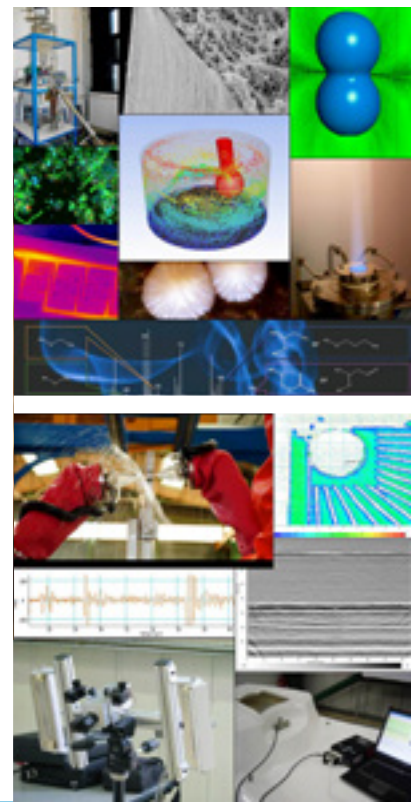
Chemical and biotechnological processes engineering



Material engineering

CNRS Platform «membrane fuel cell»

Non-destructive testing



The ICEEL at your service is:

- A network organisation that unites platforms allowing a continuum between research, knowledge transfer and innovation to be ensured
- A panel of responses sized to the needs of businesses:
 - ➔ Service provision: characterisation, skills, scientific watch
 - ➔ Continued training
 - ➔ Transfer and Innovation Workshops (ATI®)
 - ➔ Diagnosis of the innovative capacity
 - ➔ Research service: feasibility studies, technological transfer
 - ➔ Made to measure R&D projects: bilateral industrial-university projects (CIFRE, exploratory research etc.) and collaborative programmes (Funding agencies: ANR, FUI, European H2020)
- A positioning on structuring industrial projects to contribute to the supply of integrated and concerted solutions in the domains of energy, environment and materials
- An engineering culture fueled notably by over ten engineering schools, some of which are a hundred years old
- Involved in the ecosystem of innovation, in interaction with the competitive centres (Materalia, Pôle Fibres, Hydreos etc.), the laboratories of excellence (Ressources 21, DAMAS), IRT M2P and CEA Tech and business development structures

Research personnel
(full-time equivalent): **1 400**
including PhD students: **500**
(80 CIFRE)

Partnership
research incomes: **18 M€**
Global budget: **75 M€**

CONTACTS

Denis ROIZARD
Director

Jean-Michel CROMPIN
Operations Director
+33 (0)6 83 50 72 72 (direct)
+33 (0)3 83 17 51 98 (reception)
projet@iceel.fr



Institut Carnot ICÉEL
1, rue Grandville - BP 20451
F-54001 Nancy cedex

© Université de Lorraine, GISFI, CIRTES, LR6P, GéoRessources, LEMTA, Institut Jean Lamour, Institut de Soudure, Pôle de Plasturgie de l'Est



Le réseau des

**INSTITUTS
CARNOT**

www.instituts-carnot.eu