



RÉPUBLIQUE
FRANÇAISE

Liberté
Égalité
Fraternité



UMR1215

Grenoble Applied Economics Laboratory (GAEL)

Management

Stéphane Robin, Director
Olivier Bonroy, Deputy Director
Daniel Llerena, Deputy Director
Gwenaëlle Desury, Financial and
Administrative Manager

Key figures

- 39 researchers and lecturer-researchers
- 19 PhD and post-docs
- 13 engineers and support staff
- 3 research topics
- 1 experimental economics platform

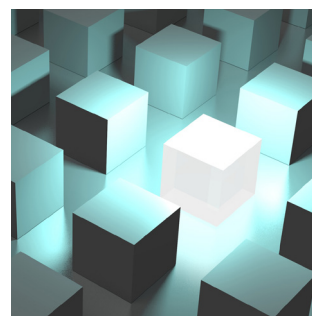
Mots clés

- Consumption
- Energy
- Innovation
- Sustainable development
- Public policy

Mission and objectives

Grenoble Applied Economics Laboratory is a joint research unit (UMR) of Université Grenoble Alpes (UGA), INRAE, CNRS and the Graduate schools of Engineering and Management (Grenoble INP-UGA), carrying out research into applied economics, looking mainly at questions of innovation, structure of different industries, market organization and sustainable consumption.

GAEL sets out to tackle societal issues on subjects linked to consumption, energy and innovation. This implies detailed knowledge of economic contexts obtained using appropriate empirical methods and analyses carried out using applied models in order to produce public policy recommendations.



© Fotolia, iStock

This research very often takes the form of multi-disciplinary projects in cooperation with laboratories from other disciplines at the Grenoble site.

Most of the unit's work is focused on the energy sector and agro-industry.

The laboratory's key methodologies are micro-economic modelling (industrial economics, behavioural economics), experimental economics, econometrics, applied modelling and qualitative analysis based on case studies.



Centre
Lyon-Grenoble Auvergne-Rhône-Alpes



1241 rue des Résidences
38400 Saint-Martin-d'Hères

Postal address: GAEL - CS 40700
38058 Grenoble CEDEX 9
Tél. : + 33 (0)4 76 74 29 20

<https://gael.univ-grenoble-alpes.fr/en>



RÉPUBLIQUE
FRANÇAISE

*Liberté
Égalité
Fraternité*



UMR1215

Social networks

@LaboratoireGael

Laboratoire Gael



Research

GAEL's work is organized around three research topics:

- Consumption:

Based above all on behavioural and experimental economics, the objective of this research topic is to analyse what determines individual and collective consumption behaviours and to propose public policies aiming to modify those behaviours in order to achieve more sustainable consumption. This work is aimed mainly at the food and energy sectors.

- Energy:

The objective is to understand and model the economic equilibria in energy sectors and markets, understand institutional developments at the international level and evaluate the impact of policies in the field of energy and climate in order to respond to sustainable development issues.

- Innovation:

The objective is to understand and model innovators' strategies, what determines the dissemination of innovations and the effect of innovation-related public policies. The work focuses on the farming and food industries, industrial sectors and competitiveness clusters.

Collaboration and expertise

GAEL is a member of the Innovacs research federation (Innovation, Connaissances et Société) which supports our laboratory's researchers in their various research projects related to practices, the innovation process and the evaluation of innovation-related public policies.

It is also a member of SIGN (Structure Interdisciplinaire grenobloise en nutrition) a Federative Research Structure in which we are developing projects related to food consumption choices.

GAEL is closely involved in two Cross Disciplinary Tools within the UGA Idex: Observatoire de la Transition Energétique (OTE) and Air Quality and Climate on Urban Scale (ACME). GAEL is a member of the "Carnot Energies du futur" Institute.

Scientific facilities

Experimental economics research facility: the laboratory has an experimental economics platform used for teaching and research. Organized around a quality approach designed to ensure monitoring of experiments, from conception to final release of data, the facility benefits from the support of a team of engineers and technicians to carry out experiments in the laboratory and in the field.

Teaching

GAEL's lecturer-researchers and researchers are heavily involved in teaching at the [Grenoble Faculty of Economics](#) (UGA) as well as at the Grenoble INP Graduate Schools of Engineering ([Génie Industriel](#) and [ENSE3](#)). They teach across the complete study programme of undergraduate, master's and doctorate courses.

The laboratory is particularly closely involved in the following courses:

- the Energy Economics and Sustainable Development (EEDD) course in the Economy of the Environment, Energy and Transports option,
- the Business and Data Analyst course on the Mathematics and Computing Applied to Human and Social Sciences undergraduate degree,
- four courses (Sustainable Industrial Engineering, Operations Management, Product Development and Industrial Innovation) in the Industrial Engineering option reserved for student engineers. Through these courses, GAEL also contributes to the UGA Graduate School's theme-based programmes, particularly in terms of energy transition and industry of future.



Centre
Lyon-Grenoble Auvergne-Rhône-Alpes