

# 8 Research Areas

IDEI tackles both theoretical and applied economic problems and supplies state-of-the-art tools developed by economic research to decision-makers in eight areas:

## >> Industrial Organization, Regulation and Competition Policy

The openness to competition of historically regulated markets such as energy, transportation and telecommunications generates a lot of debates in which IDEI researchers participate. Their research focuses on the organization of these industries, on the design of the rules that must regulate them and on the strategies of existing operators and potential entrants.

## >> Innovation and Intellectual Property

Several industries such as telecommunications and media have been experiencing a very fast technological change for the last fifteen years. Researchers at IDEI study the economics of internet, the cellular phone market, and software industries. They analyze the stakes of intellectual property rights, their strategic value and their role as a component of innovation in competitive economies.

## >> Insurance, Banking and Finance

IDEI researchers study the design of efficient insurance and financial markets and banks. Efficiently designing the finance and insurance sector is necessary to enable firms to fund projects and agents to save and share risk. Topics under research at IDEI include banking regulation, corporate finance, market microstructure, asset pricing, behavioral and experimental finance, credit cards and payment systems, and risk and insurance.

## >> Energy, Environment, Agriculture

Both theoretical and applied studies on up-to-date subjects such as greenhouse effects, sustainable development, and environmental policy coordination are carried out at IDEI. Researchers also give some advice about European Agricultural Policy and water management. Their research contributes to the design of an efficient investment policy for energy industry.

## >> Macroeconomics, Growth and International Economics

IDEI researchers study the national and global impact of taxes, the role of technological change in shaping income inequalities and growth. They also measure the effects of monetary and budgetary policies on output, prices and employment. Current labour market issues are extensively studied: concerns about young access to the labour market, unemployment persistence in some European countries, labour migrations in Europe.

## >> Economics of Developing Countries and in Transition Countries

Industrial and institutional aspects of development processes are particularly studied by IDEI researchers. For instance, they analyze the consequences of privatizations and fiscal reforms in Africa and Eastern Europe. They also propose theories on the political economy of conflict and terrorism.

## >> Methodology: Econometrics, Statistics and Economic Theory

Complex relationships between economic related phenomena, as for example the link between pollution and growth, requires the use of methodological instruments such as computable general equilibrium. IDEI researchers also use non parametric estimation to analyze the economic agents' strategies, when confronted with the deregulation of historically regulated markets such as the postal sector.

## >> Public Economics, Health, Labour and Education

In order to improve social welfare, it is crucial to design efficiently educational policies, health insurance and retirement systems, and to disseminate pharmaceutical innovations. IDEI researchers work a lot on these research interests. In particular, they study certification norms of products and propose feasible measures of households' welfare.



INSTITUT  
D'ÉCONOMIE  
INDUSTRIELLE

Université Toulouse 1 Capitole  
Manufacture des Tabacs  
Aile Jean-Jacques Laffont  
21, allée de Brienne  
31000 Toulouse - France  
Tél. +33(0)5 61 12 85 89  
Fax. +33(0)5 61 12 86 37  
www.idei.fr

## Founded in 1990

Not for profit organization

Jean-Jacques LAFFONT - *Founder*

Patrick REY - *Director*

Jean TIROLE - *Scientific Director*

## Partners in 2010

- ♦ Agence de bassin d'eau Adour-Garonne
- ♦ Airbus
- ♦ Areva
- ♦ Association Finance Durable et Investissement Responsable
- ♦ Association Française de Développement
- ♦ Banque de France
- ♦ Banque Mondiale
- ♦ Caisse des Dépôts et Consignations
- ♦ Comité Industriel de Promotion de la Région Toulousaine
- ♦ Commission Européenne
- ♦ Conseil Régional Midi-Pyrénées
- ♦ Crédit Agricole
- ♦ Électricité de France
- ♦ Fédération Française des Sociétés d'Assurance
- ♦ Fondation «Institut Europlace de Finance»
- ♦ Fondation du Risque
- ♦ France Télécom
- ♦ Gaz de France
- ♦ Institut Europlace de Finance
- ♦ Institut National de la Recherche Agronomique
- ♦ Institut Véolia Environnement
- ♦ La Poste
- ♦ Mairie de Toulouse
- ♦ Microsoft
- ♦ Ministère de l'écologie, de l'énergie, du développement durable et de la mer
- ♦ Ministère de l'économie, de l'industrie et de l'emploi
- ♦ National Bureau of Economic Research
- ♦ Nokia
- ♦ Paul Woolley Research Initiative
- ♦ Pfizer
- ♦ Pôles d'Attraction Inter-universitaire avec les Universités Catholique de Louvain et Libre de Bruxelles
- ♦ Research Centre for Regulation and Competition (Beijing, Chine)
- ♦ Royal Mail
- ♦ School of Economics (Shanghai University of Finance and Economics)
- ♦ SFR
- ♦ SNCF
- ♦ Zentrum für Europäische Wirtschaftsforschung (ZEW)

To provide the business world with access to the latest tools of economic research through interaction with academia. IDEI work on economic theory and practice, in both public and private firms, has practical applications for business decision makers.

## Researchers

Stefan Ambec  
Jean-Pierre Amigues  
Andrea Attar  
Emmanuelle Auriol  
Jean-Paul Azam  
Bernard Belloc  
Fabian Bergès  
Bruno Biais  
Christophe Bisière  
Christian Bontemps  
Philippe Bontems  
Marie-Françoise Calmette  
Catherine Casamatta  
Catherine Cazals  
Claude Crampes  
Helmuth Cremer  
Jacques Crémer  
Philippe De Donder  
Étienne De Villemeur  
Jean-Paul Décamps  
Fany Declerck  
Roberta Dessi  
Pierre Dubois  
Frédérique Fève  
Patrick Fève  
Jean-Pierre Florens  
Farid Gasmi  
Christian Gollier  
André Grimaud  
Alexander Gümbel  
Yolande Hiriart  
Marc Ivaldi  
Doh-Shin Jeon  
Bruno Jullien  
Margaret Kyle  
Norbert Ladoux  
Gilles Lafforgue  
Augustin Landier  
Michel Le Breton  
Thomas-Olivier Léautier  
Jean-Marie Lozachmeur  
Thierry Magnac  
Thomas Mariotti  
David Martimort  
Christine Maurel  
Nour Meddahi  
Sophie Moinas  
Michel Moreaux  
Guillaume Plantin  
Franck Portier  
Sébastien Pouget  
Vincent Réquillart  
Patrick Rey  
Jean-Charles Rochet  
Gilles Saint-Paul  
François Salanié  
Wilfried Sand-Zantman  
Paul Seabright  
Michel Simioni  
Stéphane Straub  
Alban Thomas  
Jean Tirole  
Nicolas Treich  
Sébastien Van Belleghem  
Karine Van Der Straeten  
Stéphane Villeneuve