

Edouard Civel

PhD Fellow in Economics & Biochemist

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Car Driving Licence

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Education

- 2016-2019 **Paris-X Nanterre University, Lab EconomiX : Doctorate of Philosophy in Economics**,
Value of Information, Green value and Market failures in energy efficiency and sustainable habitat.
Industrial Organization, Econometrics, Game theory, Real options, Mechanism design
- 2014-2015 **Paris-Dauphine University, Master of Research in Energy & Climate Economics**,
Valedictorian.
Environmental economics, Finance of feedstock markets, Geopolitics of energy and climate
- 2014 **Scholarship of Excellence awarded by the Chair TOTAL, Energy and Carbon Sciences.**
- 2011-2014 **ESPCI ParisTech, Master of Science in Chemistry and Physics, Grande École d'Ingénieur**,
Transdisciplinary research-oriented training, both theoretical and experimental, in hard sciences.
Mathematics, Physics, Chemistry, Biology, Engineering
- 2009-2011 **Prep classes**, BSc courses in sciences for nationwide competitive entrance to Grandes Écoles.
- 2009 **Baccalauréat**, *Lycée Périer Marseille*, Sciences major, Awarded with highest honors.

Professional Experience

- Since 2016 **PhD Fellow in Economics, Saint-Gobain R&D Center, Aubervilliers**,
Assessment of the economic potential of a breakthrough innovation in the renovation market.
- Since 2016 **Teaching Assistant**.
 - o Micro and Macroeconomics at École des Ponts ParisTech.
 - o Statistics applied to finance at Paris-Dauphine University.
- Since 2015 **Junior Economist, Climate Economics Chair, Palais Brongniart, Paris**,
Modeling thermal renovation of the French residential building stock and heat demand
In charge of the organisation of weekly research seminars.
- 2014 **Academic Research, Laboratory of Biochemistry CNRS-ESPCI, Paris, 3 months**,
Technology development for biology in droplets and microfluidics with a start-up.
- 2013 **Industrial Research, Saint-Gobain R&D Center Boston Area, USA, 6 months**,
Building innovative concepts in biotechnology in order to industrialize a cell therapy.
Filing of 3 patents, Prize of the best industrial internship awarded by ESPCI Alumni
- 2012 **Academic Research, Laboratory of Bioenergetic CNRS, Marseille, 2 months**,
Conception of a biofuel cell using enzymes catalysis, a renewable energy.

Transverse Skills

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| English | Fluent | <i>IELTS : 7.5/9</i> |
| Informatics | Pack office, E-Views, LaTeX, Basic skills in programming in C, Matlab | |

Extracurricular activities

- Since 2015 **Elected member of ESPCI Alumni Board of directors.**
- 2012-2013 **President of the Student Union at ESPCI ParisTech**,
Organization of students activities and associations ; Management of a 20 people-team ;
Mediation between students and administration ; Allocation and control of an important budget.