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Current Positions

Positions

- 2014 – present: **Associate Professor**, IFP School, Center for Energy Economics and Management (France).
- 2014 – present: **Honorary Research Fellow**, City, University of London, Department of Economics (UK).
- 2020 – present: **Associate Research Fellow**, Climate Economics Chair.

Responsibilities

- 2016 – present: **Executive Director**, Chair “The Economics of Natural Gas” (a joint research initiative by IFP School, Mines ParisTech, Toulouse School of Economics, and University Paris-Dauphine).
- 2018 – present: **Scientific Assistant Director**, IFP School (France).

Previous Positions

- 2007 – 2018: **IFP School**, Center for Energy Economics and Management (France).
 - 2009 – 2018: Program Director, MSc. Energy & Markets.
 - 2009 – 2014: Assistant Professor (Tenured).
 - 2009 – 2012: Co-Director, Executive MBA in Energy offered with BI Norwegian Business School (Oslo) and Nanyang Business School (Singapore).
 - 2007 – 2009: Lecturer (Industrial Organization, Operations Research).
 - 2008 – 2016: Discussion papers editor.
 - 2008 – 2011: Academic seminar organiser.
- 2000 – 2007: **Gaz de France (now ENGIE)** - Economic Research Division (Paris); Economist and then Project Leader & Senior Economist
 - 2002 – 2005: Economist
 - 2000 – 2002: Research intern (*part-time*)

Apr. – Aug. 2000: Institute for Advanced Engineering (South Korea); Research intern.

Education

- 2013 **PhD. in Economics**, City, University of London (UK).
 - Dissertation Title: **“Four Essays on the Economics of the Natural Gas Industry”**
 - Committee: Prof. Derek W. Bunn (London Business School, UK), Prof. Steven A. Gabriel (University of Maryland, USA). Supervisor: Prof. Albert Banal-Estañol (City & U. Pompeu Fabra).
- 2002 **Ingénieur, Energy Economics & Management**. IFP School, Rueil-Malmaison (France).
M.A., Industrial Organization; *cum laude*. Université Paris-Dauphine (France).
- 2001 **Ingénieur Civil des Mines**; *magna cum laude*. École Nat. Sup. des Mines, Saint-Etienne (France).
- 2000 **B.A., Economics**; *magna cum laude*. Université Jean Monnet, Saint-Etienne (France).
- 1996–98 Undergraduate program preparing the competitive entrance exams to French Grandes Ecoles.
- 1996 A-level with highest distinction.

Selected Publications

- Baba, A., Creti, A. and **O. Massol**. (2020). What can be learned from the free destination option in the LNG imbroglio? *Energy Economics*, forthcoming.
- Perrotton, F., **Massol, O.** (2020). Rate-of-return regulation to unlock natural gas pipeline deployment: insights from a Mozambican project. *Energy Economics*, 85, 104537.

- Massol, O.**, and O. Rifaat, (2018). Phasing out the U.S. Federal Helium Reserve: policy insights from a world helium model. *Resource and Energy Economics*, Vol. 54, 186-211.
- Dukhanina, E., **Massol, O.**, and F. Lévêque. (2019). Policy measures targeting a more integrated gas market: Impact of a merger of two trading zones on prices and arbitrage activity in France. *Energy Policy*, Vol. 132, 583-593.
- Massol, O.**, and A. Banal-Estañol, (2018). Market Power And Spatial Arbitrage Between Interconnected Gas Hubs. *The Energy Journal*, Vol. 39(SI2), 67-95.
- Massol, O.**, Tchung-Ming, S., and A. Banal-Estañol. (2018). Capturing industrial CO₂ emissions in Spain: infrastructures, costs and break-even prices. *Energy Policy*, Vol. 115, 545-560.
- Banal-Estañol, A., Eckhause, J., and **O. Massol**. (2016). Incentives for early adoption of carbon capture technology: further considerations from a European perspective. *Energy Policy*, Vol. 90, pp. 246-252.
- Massol, O.**, Tchung-Ming, S., and A. Banal-Estañol. (2015). Joining the CCS Club! The Economics of CO₂ Pipeline Projects. *European Journal of Operational Research*, Vol. 247(1), pp. 259-275.
- Massol, O.** and A. Banal-Estañol. (2014). Export Diversification and Resource-based Industrialization: the case of Natural Gas. *European Journal of Operational Research*, Vol. 237(3), pp. 1067-1082.
- Massol, O.**, and S. Tchung-Ming, (2010). Cooperation among Liquefied Natural Gas suppliers: Is Rationalization the Sole Objective? *Energy Economics*, Vol. 32, pp. 933-47.

PhD. Thesis co-Supervision

- Florian PERROTTON (Co-supervision with A. Ayong-Le-Kama): “*Modélisation des interactions entre les industries du gaz naturel et de l’électricité en présence d’ENR.*” Status: defended in 2017.
- Ibrahim ABADA (Co-supervision with P.A. Jouvet): “*Modélisation des marchés du gaz naturel en Europe en concurrence oligopolistique. Le modèle GMMES et quelques applications.*” Status: defended in 2012.

Referee Services & Scientific Committees

- Referee for: *Energy Journal* (4), *Energy Economics* (5), *Energy Policy* (5), *IEEE Transactions on Power Systems* (4 - “Outstanding reviewer Award 2019”), *European Journal of Operational Research*, *Networks and Spatial Economics*, *Journal of Regulatory Economics*, *International Economics*, *World Development*, *Economics of Energy & Environmental Policy*, *The Engineering Economist*, *Revue d’Economie Industrielle*, *Utilities Policy*, *Economics of Energy & Environmental Policy*, *Economics and Policy of Energy and the Environment*.
- Research projects: Member of the Scientific Committee of the FoReSee (Fossil Resource Markets and Climate Policy: Stranded Assets, Expectations and the Political Economy of Climate Change) project involving DIW Berlin, Humboldt University Berlin and IFO Center for Energy, Climate and Exhaustible Resources.
- Member of the Scientific Committee of the Marcel Boiteux Prize, an annual prize awarded by the French Association for Energy Economics to the best book published on energy economics: 2016, 2017, 2018 (Chairman), 2019 (Chairman).

Academic Societies

Association des Economistes de l’Energie (IAEE French Chapter – Elected to the Council in 2014 & 2017); International Association for Energy Economics (IAEE) ; Institute for Operations Research and the Management Sciences (INFORMS) ; French Association of Environmental and Resource Economists (FAERE).

Research Focus

Energy and Environmental Economics; Cooperation & Gain Sharing Mechanisms; Applied Industrial Organization; Applied Econometrics; Operations Research (applications in the Mineral, Energy and Environment Industries).

References

Prof. Albert Banal-Estañol
City, University of London

Prof. Derek W. Bunn
London Business School

Prof. Steven A. Gabriel
University of Maryland