

Aurélien Saussay

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London School of Economics
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CURRENT POSITIONS	Research Officer London School of Economics, Grantham Research Institute Associate Researcher Sciences Po, Observatoire Français des Conjonctures Economiques	2019 - present 2019 - present
PAST POSITIONS	Researcher Head of the Environmental Economics team Sciences Po, Observatoire Français des Conjonctures Economiques	2013 - 2019 2017 - 2019
EDUCATION	PhD in Economics , EHESS (CIRED) <i>Three Essays on Energy Prices and the Energy Transition</i> Supervisor: Philippe Quirion (Director, CNRS) Committee: T. Sterner, E. Strobl, V. Mignon, A. Dechezleprêtre, J.C. Hourcade Visiting PhD student , LSE (Grantham Research Institute) MSc Economics and Public Policy , Sciences Po, Ecole Polytechnique & ENSAE MSc Engineering , Mines ParisTech	2018 Autumn 2016 2009 2008
REFEREED PUBLICATIONS	Saussay, A. (2018) Can the Shale Revolution be Duplicated in Continental Europe? An economic analysis of European shale gas resources, <i>Energy Economics</i> , 2018, Vol. 69, 295-306	
WORKING PAPERS	The Impacts of Energy Prices on Industrial Foreign Investment Location: Evidence from Global Firm Level Data (with Misato Sato) Dynamic Heterogeneity: Rational Habits and the Heterogeneity of Household Responses to Gasoline Prices	
WORK IN PROGRESS	The nature of green skills in the energy transition (with Francesco Vona & Misato Sato) International production chains and the pollution offshoring hypothesis: an empirical investigation (with Natalia Zugravu) Capital-Energy Substitution: a Firm-level Approach (with Paul Malliet & Frédéric Reynès)	

	100% Renewable: the Macroeconomic Impacts of a Fully Renewable Electricity Mix in France (with Gaël Callonnec & Frédéric Reynès)	
	Incentivizing Residential Retrofits: a Micro-simulation Study of French Policies (with Marie-Laure Naulleau & Pierre Madec)	
INVITED TALKS	University of Gothenburg	2020
AWARDS	EAERE Best Doctoral Dissertation in Environmental and Resource Economics in Europe	2019
	FAERE Young Economist Best Paper FAEE Young Economist Best Paper, 2 nd prize	2018
	Energy Efficiency Innovator Awards	2012
CONFERENCES & WORKSHOPS	FSR Climate Annual Conference, Florence, Italy	2019
	6 th FAERE Annual Conference, Rennes, France	
	24 th EAERE Conference, Manchester, UK	
	12 th TSE Climate & Energy Conference, Toulouse, France	
	AERE Summer Conference, Lake Tahoe, US	
	FSR Climate Annual Conference, Florence, Italy	2018
	FAEE Winter Workshop, Paris, France	
	5 th FAERE Annual Conference, Aix-en-Provence, France	
	6 th WCERE, Gothenburg, Sweden	
	11 th EMEE Workshop, Milan, Italy	
	6 th ISEFI, Paris, France	
	IPSWD, Columbia University, New York City, US	
	UKNEE, Envecon, London, UK	
	FSR Climate Annual Conference, Florence, Italy	2017
	23 rd EAERE Conference, Athens, Greece	
5 th ISEFI, Paris, France		
31 st EEA Congress, Geneva, Switzerland	2016	
23 rd EAERE Conference, Zürich, Switzerland		
39 th IAEE Conference, Bergen, Norway		
38 th IAEE Conference, Antalya, Turkey	2015	
37 th IAEE Conference, New York City, US	2014	
ECEEE Conference, Presqu'île de Giens, France	2013	
IEPEC Conference, Rome, Italy	2012	
PROFESSIONAL ACTIVITIES	Member of the French Prime Minister's commission on the social value of carbon (<i>Commission Quinet</i>)	2018
	Member of EEA	Since 2016

	Member of EAERE	Since 2016
	Member of IAEE	Since 2014
OTHER WORK EXPERIENCES	Energy Policy Analyst, International Energy Agency	2009 - 2013
	<i>Description:</i> As an analyst within the Energy Efficiency Unit, I focused on energy efficiency policies, notably in the buildings sector. Notable projects include the Buildings Energy Efficiency Policy online database, for which I jointly received the 2012 EEI award, and the Sustainable Buildings Centre Model, designed to assess buildings retrofit programmes and their economic impacts in the EU27.	
	Visiting Associate, Boston Consulting Group	2008
POLICY REPORTS	Saussay A., Landa G., Malliet P., Reynès F. (2016) Changer de mix : urgence et opportunité de la transition énergétique en France	
	Saussay A., Landa G. (2016) Estimation des investissements nécessaires à la transition énergétique, in <i>Investissement public, capital public et croissance</i>	
	Saussay A., Landa G. (2016) Estimation des investissements nécessaires à la transition énergétique, in <i>Investissement public, capital public et croissance</i>	
	Callonnec G., Landa G., Malliet P., Saussay A., Reynès F. (2016) Les propriétés dynamiques et de long terme du modèle ThreeME	
	Saussay A., Callonnec G., Reynès F. (2016) Un mix 100% renouvelable ? Synthèse de l'évaluation macro-économique	
	Landa G., Malliet P., Saussay A. (2015) Contribution climat-énergie : quels enjeux pour l'économie française ?	
	Demailly D., Saussay A., Timbeau X. (2014) Green the Union: an Investment Strategy towards a Sustainable EU, in <i>Independent Annual Growth Survey 2014</i>	
	Landa G., Malliet P., Saussay A. (2014) Les impacts macroéconomiques de la transition énergétique	
	Saheb Y., Johnson C., Saussay A. (2013) Modernising Building Energy Codes to Secure our Global Energy Future	
	Pasquier S., Saussay A. (2012) Progress Implementing the IEA 25 Energy Efficiency Recommendations	
	Heffner G., Jollands N., Pasquier S., Saussay A. (2010) Energy Efficiency Governance	
	Jollands N., Pasquier S., Saussay A. (2009) Implementing Energy Efficiency Policies: Are IEA Member Countries on Track?	
TEACHING	Speaker, "The macroeconomic impacts of the energy transition", Mines ParisTech, 2020	

Speaker, “100% renewable: The macroeconomic impacts of a transition to a 100% renewable electricity mix”, Sorbonnes University, 2017, 2018

Speaker, “The economics of shale gas”, French Petroleum Institute, 2016, 2017, 2018, 2019

LANGUAGES French, native; English, fluent; Spanish, advanced; Japanese, basic

COMPUTING R, Stata, Matlab, Mathematica, Eviews, Python, Ruby, Go, C, C++, VBA,
SKILLS SQL, L^AT_EX

REFERENCES Prof. Thomas Sterner Prof. Eric Strobl
Department of Economics Department of Economics
University of Gothenburg University of Bern
Prof. Antoine Dechezleprêtre Prof. Xavier Ragot
Grantham Research Institute Department of Economics
London School of Economics Sciences Po
Dr. Fatih Birol
Executive Director
International Energy Agency