

Stéphanie MONJON

PSL*, University Paris Dauphine, CIRED and CEPII

Place du Maréchal de Lattre de Tassigny

75775 PARIS Cedex 16 France

Phone: 00 33(0)1 44 05 42 60

Email : stephanie.monjon@dauphine.fr



Research interests: Environmental economics, Climate policy, Emission trading, Industrial competitiveness, Carbon leakage, Socially responsible investment, Innovation.

Positions

Sept. 2011- **Assistant professor**, Economics Department, University Paris Dauphine.

2011- **Research associate**, Centre International de Recherche sur l'Environnement et le Développement (CIRED).

2010- **Research associate**, Centre d'Etudes Prospectives et d'Informations Internationales (CEPII).

2008-2011 **Research fellow**, Centre International de Recherche sur l'Environnement et le Développement.

2002-2007 **Senior economist**, French Environment and Energy Management Agency (ADEME), in charge of the economic issues related to climate change and of the research programs on environmental economics.

2002 **Post-doc**, University College London (London, UK).

Teaching experiences (non-permanent position)

2011 **Assistant professor**, AgroParisTech.

2009-2011 **Lecturer**, University Cergy Pontoise

2007-2010 **Lecturer**, Sciences Po Paris

2006-2008 **Lecturer**, University Paris 1 Panthéon-Sorbonne and Mines ParisTech

2003-2007 **Continuous professional development courses** for engineers, regional governments, firms and journalists.

Academic background

2001 **Ph.D. in Economics, 1st class Honours**, University Paris I Panthéon-Sorbonne

" The informational and strategic inter-temporal dimensions of innovative behaviours: Empirical and theoretical essays " under the supervision of David Encaoua (Professor at the University Paris I Panthéon-Sorbonne)

1997 **M.A. in Economics and Econometrics**, 1st class Honours, University Paris 1 Panthéon-Sorbonne.

Major Topics: Industrial Organisation and Econometrics

Publications

Peer-reviewed journals

Capelle-Blancard G. and S. Monjon, 2014. The Impact of the Screening Process on the Performance of Socially Responsible Funds, *European Financial Management*, 20(3), 494-520.

Monjon S., 2013. Réduire au-delà de 20% les émissions de gaz à effet de serre dans l'Union européenne : quelles conséquences sur les secteurs intensifs en énergie européens ?, *Economie et Prévision* (forthcoming).

Capelle-Blancard G. and S. Monjon, 2012. Trends in the Literature on Socially Responsible Investment: Looking for the Keys Under the Lamppost, *Business Ethics: A European Review*, 21(3), 239-250.

Jakob M., G. Luderer, J. Steckel, M. Tavoni and S. Monjon, 2012. Time to act now? Assessing the costs of delaying climate measures and benefits of early action, *Climatic Change*, 114(1), 79-99.

Monjon S. and P. Quirion, 2011. A border adjustment for the EU ETS: Reconciling WTO rules and capacity to tackle carbon leakage, *Climate Policy*, special issue edited by S. Droege "Consuming and producing carbon: what is the role for border measures?", 11(5), 1212-1225.

Monjon S. and P. Quirion, 2011. Addressing leakage in the EU ETS: Border adjustment or output-based allocation?, *Ecological Economics*, 70, 1957-1971.

Monjon S. and P. Quirion, 2010. How to design a border adjustment for the European Union Emissions Trading System?, *Energy Policy*, 38(9), 5199-5207.

Monjon S. and P. Waëlbroeck, 2003. Assessing spillovers from universities to firms: Evidence from French firm-level data, *International Journal of Industrial Organization*, 21(9), 1255-1270.

Monjon S. and P. Waëlbroeck, 2003. The nature of innovation and the origin of technological spillovers: An econometric analysis on individual French data, *Brussels Economic Review*, 46(3), 87-106.

Duguet E. and S. Monjon, 2002. Les fondements microéconomiques de la persistance de l'innovation : Une analyse économétrique, *Revue Economique*, 53(3), 625-636.

Other publications: Invited papers, Chapters in books

Monjon S., 2013. Les marchés de droits à polluer, coll. « Thesaurus », *Encyclopaedia Universalis*.

Geoffron P. and S. Monjon, 2012. Les scénarios énergétiques pour la France en 2050, *Les Cahiers Français*, n°366.

Monjon, S.. 2012. "Limiting greenhouse gas emissions: is the Cancun agreement enough?" *Atoms for Peace: an International Journal*, Special Issue on Climate Change: What is at Stake?, 3(3): 197-205.

Meunier G., S. Monjon and J.-P. Ponsard, 2011. Compétitivité et fuites de carbone dans le cadre de politiques climatiques unilatérales, in *Economie du Climat – Pistes pour l'après-Kyoto*, edited by O. Godard and J.-P. Ponsard, les Editions de l'X, 141-175.

Monjon S., 2011. Pourra-t-on limiter la hausse de la température à +2°C ?, *Recherches Internationales*, 89, 113-130.

Capelle-Blancard G. and S. Monjon, 2010. Socially Responsible Investing: Myths and Realities, in *The Economics of Sustainable Development*, ed. by J.M. Lasry, D. Lautier and D. Fessler, Economica, 299-325.

Monjon S., 2010. Réduire les émissions de gaz à effet de serre : pourquoi ? combien ? comment ?, *Les Cahiers Français*, 355, 61-66.

Hanoteau J. and S. Monjon, 2007. Mondialisation et environnement, *Les Cahiers Français*, 337, 34-40.

Monjon S. and A. Viellefosse, 2007. Energie, développement et environnement, *Les Cahiers Français*, 337, 69-75.

Monjon S., 2007. The energy savings certificates scheme in France, *European Energy Law Report IV*, Energy and Law Series, 199-208.

Monjon S., 2004. Les opportunités offertes par les futurs marchés de permis négociables d'émissions de gaz à effet de serre, *Chambre et Sénat*.

Monjon S., 2004. Les marchés de droits à polluer, coll. « Thesaurus », *Encyclopaedia Universalis*.

Capelle-Blancard G. and S. Monjon, 2002. Le défi énergétique, *Les Cahiers Français*, 306, 60-65.

Capelle-Blancard G. and S. Monjon, 2000. Quel avenir pour l'énergie nucléaire ? *Les Cahiers Français*, 294, 37-44.

Capelle-Blancard G. and S. Monjon, 2000. L'industrie nucléaire en France and Le nucléaire face aux défis économiques et environnementaux, in *Le nucléaire à la croisée des chemins*, edited by M.-H. Labbé, La Documentation Française, 27-56 and 57-87.

Working papers

Guivarch C., S. Monjon, J. Rozenberg and A. Vogt-Schilb, 2014. Will/Would climate policy improve European energy security?, Working paper, June (submitted).

Gourdon J., S. Monjon and S. Poncet, 2014. Incomplete VAT Rebates to Exporters : How Do They Affect China's Export Performance?, CEPII Working Paper, N°2014-05, February (submitted).

Fouré J., H. Guimbard and S. Monjon, 2013. Border carbon adjustment and potential trade retaliation: Border carbon adjustment and trade retaliation: What would be the cost for European Union?, CEPII Working Paper, N°2013-34, November (submitted).

Research reports and policy papers

Monjon S., Fouré J. et H. Guimbard, 2013, Ajustement carbone aux frontières et risques de représailles commerciales : quel coût pour l'UE ?, CEPII's Letter, 332, May.

Guivarch C., S. Monjon, J. Rozenberg and A. Vogt-Schilb, 2012. Evaluer Les Interactions entre Politique climatique et Sécurité énergétique en Europe (ELIPSE), report for High Council for Strategic Education and Research, December.

Monjon S., 2011. Implementation of an emission trading scheme in Japan: Some food for thought, Climate Strategies, Cambridge, October.

Monjon S., 2011. Addressing leakage concerns: Is there a case for the EU to move beyond 20% GHG emissions reduction by 2020?, Climate Strategies, Cambridge, June.

Dröge S., H. van Asselt, T. Brewer, R. Ismer, M. Mehling, L. Mohr, S. Monjon, P. Quirion, K. Neuhoff, K. Schumacher, W. Suwala, Y. Takamura, T. Voituriez, X. Wang and M. Grubb, 2009. Tackling Leakage in a World of Unequal Carbon Prices, Climate Strategies, Cambridge, July.

With background papers:

Monjon S., S. Dröge and S. Schlömer, 2009. Carbon Leakage from the EU ETS: Framing the Debate, Climate Strategies background paper.

Monjon S. and P. Quirion, 2009. Addressing leakage in the EU ETS: Results from the CASE II model, Climate Strategies background paper. (Results taken up in Carbon Trust, 2010. Tackling carbon leakage: sector-specific solutions for a world of unequal carbon prices, The Carbon Trust, United Kingdom.)

Edenhofer O., C. Carraro, J.-C. Hourcade, K. Neuhoff, G. Luderer, C. Flachsland, M. Jakob, A. Popp, J. Steckel, J. Strohschein, N. Bauer, S. Brunner, M. Leimbach, H. Lotze-Campen, V. Bosetti, E. de Cian, M. Tavoni, O. Sassi, H. Waisman, R. Crassous-Doerfler, S. Monjon, S. Dröge, H. van Essen, P. del Río and A. Türk, 2009. RECIPE - The Economics of Decarbonization. Synthesis Report.

With background paper:

Bodirsky B., R. Crassous-Doerfler, H. van Essen, J.-C. Hourcade, B. Kampman, H. Lotze-Campen, A. Markowska, S. Monjon, K. Neuhoff, S. Noleppa, A. Popp, P. del Río González, S. Spielmans, J. Strohschein, H. Waisman, 2009. How can each sector contribute to 2C°? RECIPE Background Paper.

Monjon S. and F. C. Matthes, 2008. Free allowance allocation to tackle leakage, in *The role of auctions for emissions trading*, edited by Matthes F.C. and K. Neuhoff, Climate Strategies Policy Paper.

Monjon S., 2007. Interactions between tradable white certificates and tax credit: the French case, in *Policy recommendations for the assessment, operation and implementation of tradable white certificates schemes*, EuroWhiteCert project, TRansport and ENergy DG.

Monjon S., 2007. Identification of research needs in socioeconomics about climate change impacts and adaptation, project ERA-NET CIRCLE, Research DG.

Expert reports

Monjon S. and P. Quirion, 2008. The political economy of Border Tax Adjustments, in "Competitive distortions and leakage in a world of different carbon prices: Trade, competitiveness and employment

challenges when meeting the post-2012 climate commitments in the European Union”, Briefing Report for the European Parliament's Temporary Committee on Climate Change (CLIM).

Monjon S., 2007. Programmes et structures de recherches en sciences humaines et sociales dans le domaine de l'énergie et du changement climatique: Un état des lieux, report for the French Research Ministry.

Blogs

- Le remboursement discriminant de la TVA aux exportateurs : une politique industrielle efficace pour la Chine, Blog du CEPII, 26 février 2014
- Julien Gourdon, Stéphanie Monjon, Sandra Poncet
- Les fuites de carbone, mythe ou réalité ?, Blog du CEPII, 10 Avril 2013
- Inclusion du secteur de l'aviation dans le système de permis négociables : l'UE dos au mur, Blog du CEPII, 10 Avril 2012
- Contre toute attente, il y aura bien une suite au protocole de Kyoto, Blog du CEPII, 06 Janvier 2012

Other Scientific activities

Recent communications (selection)

2014 - International Energy Workshop (Beijing (China), June); Mannheim Energy Conference (Mannheim (Germany), May); “China after 35 Years of Economic Transition” Conference (London (United Kingdom), May).

2013 - Summer Conf. of the Association of Environmental and Resource Economists (Banff (Canada), June); Annual Conf. on Global Economic Analysis (Shanghai (China), June).

2012 - Annual Conf. of the Euro-Latin Study Network on Integration and Trade and Climate Change (Milano (Italy), October); - Asian Conf. of the International Association of Energy Economists (Kyoto (Japan), February).

2011: Annual French Economics Association's Congress, European Conference of the International Association of Energy Economics, Annual Conference on Global Economic Analysis; **2010:** World Congress of Environmental and Resource Economists, International Energy Workshop, British Institute of Energy Economics.

Invited seminars and experts committee (selection)

2014 - Internal seminar, Chinese Academy of Sciences, Beijing (China), 6 June;

- Sustainable Economic Development Seminar, Ecole Polytechnique, Paris, 27 May.

2013 - Internal seminar, Institute of Energy, Environment, and Economy, Tsinghua University, Beijing (China), 29 November;

- Border Carbon Adjustment: Everything you ever wanted to know (and more), organised by International Institute for Sustainable Development and Friedrich-Ebert-Stiftung, Geneva (Switzerland), 27 September.
- Border Carbon Adjustment and International Trade: A Policy dialogue, organised by Organisation for Economic Co-operation and Development, Paris, 11 June.
- « Politique climatique et sécurité énergétique : quelles interactions à considérer pour l'Europe de demain? », organised by High Council for Strategic Education and Research, Paris, 23 April.
- Internal seminar, HEC Montréal, Montréal (Canada), 20 February.

2012: Fourgeaud's seminar on Climate Policies, organised by the French Ministry of Economy (Paris, France); **2011:** Climate Policies, International Regimes and Global Trade - A Transatlantic Perspective, organized by University of British Columbia (Vancouver, Canada); **2010:** Internal seminar, Ressources For the Future (Washington, United States of America).

Research contracts

- Evaluer Les Interactions entre Politique climatique et Sécurité énergétique en Europe (ELIPSE), *Conseil Supérieur de la Formation et de la Recherche Stratégique*, 2011-2012.
 - Evaluation du Mécanisme d'Inclusion Carbone, *Direction Générale du Trésor*, 2010-2012.
 - Leakage and Competitiveness – international analyses and challenges, *Climate Strategies*, 2010-2011.
 - Is there a case for the EU to move beyond 20% emissions reductions by 2020?, *Climate Strategies*, 2010-2011.
 - Tackling Leakage in a World of Unequal Carbon Prices, *Climate Strategies*, 2008-2009.
 - RECIPE – The Economics of Decarbonization, *WWF et Allianz*, 2007-2009.
 - Climate impact research coordination for a larger Europe (CIRCLE), *European Commission (Research DG)*, 2005-2009.
 - Stepwise towards European energy efficiency policy portfolios involving white certificates (EuroWhtCert), *European Commission (Transport and Energy DG)*, 2005-2006.
- Market mechanism for white certificates trading, *International Energy Agency*, 2004-2006.

Evaluation

Thesis jury

- « Effets stratégiques des ajustements aux frontières: une approche par la théorie de jeux », hold by Terry EYLAND, HEC Montréal (Canada), 5th of June 2013.
- « Analyse critique des nouveaux risques », hold by Sophie CHEMARIN, 20th of october 2008.
- « Justice et environnement : l'allocation des permis d'émission dans les négociations internationales sur le climat », hold by Elodie BRAHIC, 27th of november 2006.

Evaluation of research proposals

2014: -Program "Paris 2030", Paris City Hall, Paris;

- Call for white projects, The French National Research Agency, Paris.

2013: - 7th Framework Program on Environment and Climate Change (FP7-ENV-2013), DG research, EU.

2012: - White program, High Council for Strategic Education and Research, Paris.

Referee services

Environmental Modeling and Assessment, The Energy Journal, Ecological Economics, Energy Policy, Environmental and Resource Economics, The World Economy, Climate Policy, International Economics, Research Policy, International Economic Review, Economie et Prévision, International Journal of Industrial Organization, Revue Economique.

Other responsibilities

- Representative of University Paris Dauphine in the working group on "Environment" in PSL*
- Representative of University Paris Dauphine's Economics Department in Paris Environmental and Energy Economics Seminar (joint initiative of University Paris 1-Paris School of Economics, University Paris Ouest Nanterre la Défense, University Paris Dauphine, Agro Paris Tech, Ecole Polytechnique, Ecole des Mines, Ecole de Ponts, CEA, CIRED, Climate Economics Chair and IFP School).

Date: July 2014