

## Short CV

### Manuel Llorca

#### Contact details

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#### Education

- 2015: PhD in Economics, University of Oviedo, Spain.
- 2008: Master of Economic Analysis, Universities of Basque Country, Cantabria, and Oviedo, Spain.
- 2008: Bachelor of Economics, University of Oviedo, Spain.
- 2005: Diploma in Business Science, University of Oviedo, Spain.

#### Professional Positions

- 2019- Postdoctoral Research Fellow, Copenhagen School of Energy Infrastructure (CSEI), Copenhagen Business School, Denmark.
- 2015-19: Early Career Fellow, Durham Energy Institute, Durham University, UK.
- 2015-19: Research Fellow, Durham University Business School, Durham University, UK.
- 2011-15: PhD Fellow, Department of Economics, University of Oviedo, Spain.
- 2010-11: Part-time Associate Lecturer, Department of Economics, University of Oviedo, Spain.
- 2008-10: Research Assistant, Department of Economics, University of Oviedo, Spain.

#### Research Interests / Research Profile

Efficiency and Productivity Analysis, Electricity Sector Reform, Energy Demand, Energy Issues in Developing Countries, Energy Economics, Energy Networks, Energy Systems Integration, Regulatory Economics, Transport Economics.

#### Publications

##### *Articles in peer-reviewed journals*

Jamasb, T., **Llorca, M.**, Khetrapal, P. and Thakur, T. (2021), "Institutions and performance of regulated firms: Evidence from electricity distribution in India", *Economic Analysis and Policy* (forthcoming).

Cambini, C., Congiu, R., Jamasb, T., **Llorca, M.** and Soroush, G. (2020), "Energy systems integration: Implications for public policy", *Energy Policy*, 143, 111609.

**Llorca, M.**, Rodríguez-Álvarez, A. and Jamasb, T. (2020), "Objective vs. subjective fuel poverty and self-assessed health", *Energy Economics*, 87, 104736.

Amin, S., Jamasb, T., **Llorca, M.**, Marsiliani, L. and Renström, T.I. (2019), "Combining private and public resources: Captive power plants and electricity sector development in Bangladesh", *Emerging Markets Finance and Trade*, DOI: [10.1080/1540496X.2019.1703107](https://doi.org/10.1080/1540496X.2019.1703107).

Jamasb, T. and **Llorca, M.** (2019), "Energy systems integration: Economics of a new paradigm", *Economics of Energy & Environmental Policy*, 8(2), 7-28.

Imam, M.I., Jamasb, T. and **Llorca, M.** (2019), "Sector reforms and institutional corruption: Evidence from electricity industry in Sub-Saharan Africa", *Energy Policy*, 129, 532-545.

**Llorca, M.** and Jamasb, T. (2017), "Energy efficiency and rebound effect in European road freight transport", *Transportation Research Part A: Policy and Practice*, 101, 98-110.

**Llorca, M.**, Baños, J., Somoza, J. and Arbués, P. (2017), "A stochastic frontier analysis approach for estimating energy demand and efficiency in the transport sector of Latin America and the Caribbean", *The Energy Journal*, 38(5), 153-174.

**Llorca, M.**, Orea, L. and Pollitt, M.G. (2016), "Efficiency and environmental factors in the US electricity transmission industry", *Energy Economics*, 55, 234-246.

Orea, L., **Llorca, M.** and Filippini, M. (2015), "A new approach to measuring the rebound effect associated to energy efficiency improvements: An application to the US residential energy demand", *Energy Economics*, 49, 599-609.

**Llorca, M.**, Orea, L. and Pollitt, M.G. (2014), "Using the latent class approach to cluster firms in benchmarking: An application to the US electricity transmission industry", *Operations Research Perspectives*, 1(1), 6-17.

Aza, R., Baños, J., González-Arbués, P. and **Llorca, M.** (2011), "La demanda de transporte de mercancías por carretera en España: Un modelo de datos de panel", *Estudios de construcción y transportes*, 115, 31-48.

#### *Book chapters*

Jamasb, T. and **Llorca, M.** (2021), "The rebound effect in road freight transport", in Vickerman, R. (ed.), *International Encyclopedia of Transportation*, 1<sup>st</sup> edition, Elsevier, Amsterdam (forthcoming).

Jamasb, T., **Llorca, M.**, Meeus, L. and Schittekatte, T. (2021), "Energy network innovation for green transition: Economic issues and regulatory options", in *Energy Regulation in the Green Transition: An Anthology*, an initiative led by the Danish Utility Regulator (Forsyningstilsynet) (forthcoming).

Schittekatte, T., Meeus, L., Jamasb, T. and **Llorca, M.** (2021), "Regulatory experimentation in energy: Three pioneer countries and lessons for the green transition", in *Energy Regulation in the Green Transition: An Anthology*, an initiative led by the Danish Utility Regulator (Forsyningstilsynet) (forthcoming).

#### *Other - papers, articles, reports, and responses to consultations*

Schittekatte, T., Pototschnig, A., Meeus, L., Jamasb, T. and **Llorca, M.** (2020), *Making the TEN-E regulation compatible with the Green Deal: Eligibility, selection, and cost allocation for PCIs*, Policy Brief, Issue 2020/27, July, Florence School of Regulation, Robert Schuman Centre for Advance Studies, European University Institute.

Hogg, S., Gluyas, J., Jamasb, T., Halliday, D., Abram, S., Connors, D., Spargo, C., Sun, H., **Llorca, M.** and Carvalho, R. (2017), *Impact of Brexit on the UK energy system – A statement from Durham Energy Institute*, Durham Energy Institute, Durham University.

<https://www.dur.ac.uk/resources/dei/briefs/DEIstatementonimpactsofBrexitonUKEnergysystemFINAL.pdf>.

## Research Projects

*Name:* Centre for Energy Systems Integration (EP/P001173/1).

*Sponsor:* Engineering and Physical Sciences Research Council (EPSRC), UK.

*Period:* October 2016 - September 2021.

*Principal Researcher:* Philip Taylor (Newcastle University, UK).

*Name:* Centre for Sustainable Road Freight Transport (EP/K00915X/1).

*Sponsor:* Engineering and Physical Sciences Research Council (EPSRC), UK.

*Period:* December 2012 - May 2018.

*Principal Researcher:* David Cebon (University of Cambridge, UK).

*Name:* Potenciación de la competitividad del tejido empresarial español a través de la logística como factor estratégico en un entorno global (GLOBALOG). Subproyecto SP5-PSE GLOBALOG: Infraestructuras Logísticas: Evaluación de las Redes Atlántica-Mediterránea.

*Sponsor:* Spanish Ministry of Science and Innovation.

*Period:* April, 2009 - December, 2010.

*Principal Researchers:* Rosa Aza and José Baños (University of Oviedo, Spain).

*Name:* Potenciación de la competitividad del tejido empresarial español a través de la logística como factor estratégico en un entorno global (GLOBALOG). Subproyecto SP5-PSE GLOBALOG: Infraestructuras Logísticas: Evaluación de las Redes Atlántica-Mediterránea.

*Sponsor:* Spanish Ministry of Education and Science.

*Period:* September, 2006 - March, 2009.

*Principal Researchers:* Rosa Aza and José Baños (University of Oviedo, Spain).