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EDUCATION

2016, *Ph.D. in Economics*, Düsseldorf Institute for Competition Economics (DICE), Germany
2013, *M.Sc. in Economic Analysis*, Université de Cergy-Pontoise, France
2012, *M.Sc. in Theoretical Physics*, Université de Cergy-Pontoise, France
2012, *Lic. in Physics*, University of Zaragoza, Spain
2007, *IBO Diploma*, International Baccalaureate, Práxedes Mateo Sagasta, Spain

PROFESSIONAL EXPERIENCE

2025 – Present, *Senior Economist*, Compass Lexecon, Madrid
2023 – 2025, *Economist*, Compass Lexecon, Madrid
2020 – 2022, *Economic Analyst*, NERA Economic Consulting, Madrid
2013 – 2020, *Researcher & Lecturer*, Düsseldorf Institute for Competition Economics

SELECTED CONSULTING EXPERIENCE

Gas & LNG Disputes:

- For a steel manufacturer in India, estimation of damages against a supplier of natural gas for failure to supply contracted quantities under a GSA (2024).
- Assisted an Asian energy trading company in international arbitration proceedings against an American producer for failure to supply contracted LNG cargoes (2023-ongoing).
- Assisted a major oil and gas company in international arbitration proceedings deriving from a dispute over profit-sharing mechanisms in a worldwide LNG value chain, including production, liquefaction, and shipping (2021-2022).
- Assisted a large energy company in international arbitration proceedings, including a dispute about the cost of transporting pipeline imports into Spain and a dispute over the downstream effects of changes in an upstream contract (2021-2022).
- Assisted a gas distribution company in a commercial dispute over the management of downstream contracts for importing LNG and pipeline gas in Latin America (2021).
- Assisted the owner-operator of an LNG import terminal (FSRU) in South Asia in international arbitration proceedings concerning multi-user access and excess capacity rights (2021).

Gas & LNG Price Reviews:

- Assisted a multinational integrated energy company during price review negotiations of a long-term SPA delivering LNG to East Asia (2024-ongoing).
- Assisted an LNG producer in the Pacific Basin during price review negotiations of a long-term SPA delivering to East Asia (2024-ongoing).
- Supported a large Asian utility and trading company during price review negotiations of long-term SPAs for the acquisition of LNG (2023-ongoing).

- Assisted a major producer in international arbitration proceedings to review the price formula of a long-term SPA delivering LNG to multiple European countries (2023-ongoing).
- Assisted an oil and gas producer in Central Asia in international arbitration proceedings to review the price formula of a long-term SPA delivering unprocessed gas to be re-exported (2023).
- Supported a large Asian utility and trading company in the renegotiation of the price formula and related arbitration proceedings under two long-term SPAs for the acquisition of LNG from the Pacific basin (2023).
- For a trader importing LNG into Europe, strength-of-case analysis in preparation for price review negotiations of long-term SPAs with several suppliers (2022).
- Supported a large Asian utility and trading company in preparation for price review negotiations of a long-term SPA for the acquisition of LNG (2022) from the Pacific basin.
- Assisted a wholesaler of L-Gas in Northwest Europe in international arbitration proceedings to review the price and to modify other contractual terms of a long-term SPA delivering piped gas to several countries (2022).
- Assisted in international arbitration proceedings to review the price of a long-term contract for the supply of LNG to a European market (2021-2022).

Other Valuations in the Energy Sector:

- For a multinational utility company, quantification of damages and support in international arbitration proceedings deriving from delays and breach of contract in the construction of a CCGT power plant in Europe (2023).
- For a major oil and gas company, valuation analysis of long-term contracts for the supply and regasification of LNG in European and Asian destinations and preparation of transfer pricing report for a novation agreement (2022).

Manufacturing and Transportation:

- For a supplier to the automotive industry, estimation of potential damages in international arbitration proceedings deriving from a dispute on product liability worldwide (2020-2021).
- Assisted a public company in domestic arbitration proceedings related to the management of the construction of a major railway project in the Middle East (2020-2021).

SELECTED RESEARCH

- “Games with coupled populations—An experiment in continuous time”, *Journal of Economic Theory*, 195, 105281 (2021), with V. Benndorf and H.-T. Normann.
- “Perturbed best response dynamics in a hawk-dove game”, *Economics Letters*, 153, 61-64 (2017), with V. Benndorf.
- “Equilibrium selection with coupled populations in hawk-dove games—Theory and experiment in continuous time”, *Journal of Economic Theory*, 165, 472-486 (2016), with V. Benndorf and H.-T. Normann.
- “A quantum-like model for complementarity of preferences and beliefs in dilemma games”, *Journal of Mathematical Psychology*, 78, 96-106 (2017), with J. Denolf, H. Josephy and A. Barque-Duran.
- “Quantum stochastic walks on networks for decision-making” *Scientific Reports*, 6, 23812 (2016), with E. Sánchez-Burillo.
- “A connection between quantum decision theory and quantum games—The Hamiltonian of strategic interaction” *Journal of Mathematical Psychology*, 58, 33-44 (2014).
- Presentations in conferences and seminars at multiple European universities and business schools, including an invitation to the Microeconomics Seminar at the 6th Lindau Nobel Laureate Meeting on Economic Sciences.

LANGUAGE SKILLS

- Spanish – Native
- English – Fluent
- German – Intermediate

