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EDUCATION

2022 *M.Sc., Economics, University of Mannheim, GER*
2018 *B.Sc., Business Administration, Humboldt University of Berlin, GER*

PROFESSIONAL EXPERIENCE

2026 – Present Economist, Compass Lexecon, Berlin
2024 – 2026 *Senior Analyst*, Compass Lexecon, Berlin
2022 – 2024 *Analyst*, Compass Lexecon, Berlin

LANGUAGE SKILLS

- German – Native
- French – Native
- English – Bilingual

SELECTED CONSULTING EXPERIENCE

Power market Modelling

- **Austrian Gas and Heat Association (FGW)** [\[link\]](#): Energy System Study for Austria. Comprehensive, model-based, cross-sector study on pathways for decarbonization of the entire Austrian energy system. Including (i) final consumption in heat, mobility, industry; (ii) generation of electricity, district heating and hydrogen; (iii) vectors: gas, electricity, district heating, natural gas, biomethane, hydrogen and biomass) and comparative assessment of two scenarios for decarbonization.
- **Oesterreichs Energie** [\[link\]](#): Modelling a climate neutral power system for Austria 2040 (“Electricity strategy 2040”). We provided a detailed quantitative analysis of security of supply and flexibility needs in a climate-neutral Austrian power system 2040 for the association of the Austrian power sector.
- **European utility**: Modelling of the regional electricity market of Corsica with emphasis on a pumped-storage hydro plant until 2050.
- **TotalEnergies**: Modelling of the impact of a German bidding zone split on the overall market and on the economics of several asset classes, including storage, offshore wind and CCGTs
- **Major Austrian gas consumer**: analysis of European electricity and gas markets. Investigation of electricity and gas supply security in Austria and Europe; including analysis of the relevant European gas infrastructure (pipeline & LNG) and modelling of the European electricity market.
- **Austrian Utility**: Estimation of the future “profitable market size” for pumped-storage plants in Austria, as well as the potential profitability of existing and planned storage facilities in 2030 and 2040 in the DA market.
- **Energie Nederland**: Adequacy resource assessment of the Dutch power system and impact assessment of a Dutch capacity remuneration mechanism. CL was mandated to i) expand TenneT’s MLZ study to run sensitivities with different technologies to close the identified adequacy resource gap and ii) assess the economic impact of two capacity remuneration mechanisms (CRM): a Capacity Market vs a Strategic Reserve.

- **European institutional investor:** Modelling of the German electricity market under different commodity assumptions.
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Market design

- **Economic study on contract-for-difference mechanism design (Eurelectric) [\[link\]](#)** : Developed a study on the detailed design options for CfDs in the European market design, to inform the implementation of the 2024 Electricity Market Reform.
- **BDEW:** Effects of the possible separation of bidding zones in Germany: Explore the impact of a bidding zone split in Germany on the functionality of the electricity markets and its broader welfare effects.

Storage

- **Volkswagen:** Analysis of the financial feasibility of large-scale battery storage systems. Evaluation of the financial benefit of a large-scale battery storage system at a factory site.
- **Global investor and asset manager:** Economic support and bidding strategy in a call for tenders for long term storage capacity (2022-2023). Support to an investor in its response to the call for tenders for long term storage capacity in Arizona, using financial modelling and an assessment of current and future regulations and market design.

Investment and strategic support

- **European institutional investor:** Buy-side regulatory and commercial due diligence for an interest in the Austrian multi-utility: Analyzing the regulatory framework and the company's business plan; providing a market outlook based on own modelling; evaluating risks and underlying assumption in the valuation model in all core business segments
- **International institutional investor:** Buy-side regulatory and market due diligence for an interest a large German offshore wind park. Analysis of the power market and regulatory framework in Germany and the impact on offshore wind installations; developing power price projections for Germany up until 2050 in different scenarios incl. sensitivity analysis; reviewing power commercialization arrangements and potential additional revenue options.
- **Google:** Winter risk assessment for 2022. Analysing the security of supply situation for gas and electricity in the upcoming winter for 12 European countries, incl. inter alia the system-wide electricity generation adequacy, the electricity curtailment framework and an assessment of locational risks.
- **European energy Company:** Analysis and forward projection of offshore wind farm curtailment in the German North and Baltic Sea in the context off a wind PPA for green hydrogen generation.
- **Offshore interconnector:** Provided a strategic assessment of opportunities for the development of offshore and multi-purpose interconnectors in Europe and with the MENA region, including detailed country/regulatory reviews, market revenue simulations and strategic considerations. Organised executive strategic workshops.
- **Eclipse Power group:** Target search for DSO partnership establishment / acquisition. The mandate was threefold: Identification of target countries by analysing commercial & competitive landscape (ease-of-doing-business / credit ratings, DSO market model, transaction data), energy and grid fundamentals (RES and demand outlooks, network strain, grid investment needs by typology), In-depth analysis of target countries included a detailed review on the need for Eclipse's services, detailed review of most promising partnership/acquisition targets and opening of engagement plan

Decarbonisation/ Energy strategy

- **Energie Steiermark [\[link\]](#): Masterplan 2040 – Energy strategy.** We accompanied Energie Steiermark AG and the umbrella organisation of the Austrian energy intensive industry (Industriellenvereinigung) in a strategy process. The aim is to devise a green energy strategy for Austrian energy intensive industry.



- **KELAG: Comparison of the additional and avoided costs resulting from the transformation of the Austrian energy system between today and 2040.** A quantitative analysis was conducted comparing the costs of the electricity system with avoided fuel costs for Austria, including an assessment of the increased fixed costs of a decarbonised electricity system and the (avoided) fuel costs across the electricity, heating, transport, and industry sectors. The Austria's energy strategy was compared to Denmark, Norway, and Portugal.

Regulation/ Permitting

- **Commission de regulation de l'énergie:** International benchmark on the development framework for offshore wind power ([link](#)). Analysis of the administrative procedures (planning, authorizations, tender), as well as the financial support and connection arrangements for offshore wind farms in the Netherlands, Denmark, Germany, the United Kingdom, Belgium, Ireland, Norway and the United States. This study identifies the key factors in the success of the offshore wind industry, outlines the avenues to be explored and makes recommendations for France.
- **Tetrattech & Moldavian Energy Security Activity:** Review of the Moldavian permitting process for renewables (wind and solar PV).
- **RTE (Réseau de Transport d'Électricité):** Benchmark on Network development plan. We performed a benchmark of national electricity transmission network investment plans (incl. Germany).
- **European utility:** Assessment of a potential revision of European utilities' determination of its CCGTs' marginal costs. We would be mandated to opine on the revision methodology and its compatibility with (i) competition law (Article 102 TFEU) principles (ii) REMIT regulation.
- **CREG (Belgian energy regulator):** Benchmark of the conditions for long-term CRM contracts for DSR, key technical conditions, barriers and enablers to DSR participation in the CRM as well as potential discussions on CRM reforms in this context. The following countries were covered: Great-Britain, France, Ireland, Poland & Italy.

Gas sector

- **Austrian Gas and Heat Association (FGW):** Energy system study for Austria. Comprehensive, model-based, cross-sector study on pathways for decarbonization of the entire Austrian energy system. Including (i) final consumption in heat, mobility, industry; (ii) generation of electricity, district heating and hydrogen; (iii) vectors: gas, electricity, district heating, natural gas, biomethane, hydrogen and biomass and comparative assessment of two scenarios for decarbonization.
- **DACH gas supplier:** economic concept for structuring hydrogen import contracts. Assessment of risks from imports (outside the EU) across the entire value chain; development of principles for efficient risk allocation between the players involved and derivation of corresponding contractual risk transfer mechanisms.
- **Large Austrian gas consumer:** analysis of European electricity and gas markets; investigation of electricity and gas supply security in Austria and Europe; analysis of the relevant European gas infrastructure (pipeline & LNG) and modelling of the European electricity market.
- **Thyssengas:** Hydrogen network in Germany. For the ongoing debate on the regulation of the to-be-built hydrogen network in Germany, we analysed the risks of H2 network operators compared to electricity networks, and how far the planned regulation would absorb or even amplify those risks.