

Unioninkatu 30 4th Floor Helsinki 00100
M: + 33608486002
wmi@compasslexecon.com

EDUCATION

2014, *M.Sc. in Science and Executive Engineering*, Mines Paristech, Paris, France
2012, *B.Sc. in Physics*, Nanjing University, Nanjing, China

PROFESSIONAL EXPERIENCE

2026 - Present, *Senior Economist*, Compass Lexecon, Helsinki
2022 - 2026, *Economist*, Compass Lexecon, Helsinki
2019 - 2022, *Senior Energy Transition & Power Market Analyst*, EDF, Paris
2014 - 2019, *Quantitative Analyst on Energy Markets*, EDF, Paris

SELECTED PROFESSIONAL ENGAGEMENTS

Energy Transition & Power Market Senior Analyst, EDF, Paris

- Contribute to EDF's long term European power markets long-term scenarios, used to support development of policy positions and for investment appraisal:
 - Lead renewables experts (from France, the UK and Germany) on:
 - Renewable costs assessment
 - Renewable resources assessment
 - Renewables-related regulation analysis
 - Conduct research and analyses on power market trends and regulation on the UK and Ireland
 - Lead renewables experts on Europe's onshore and offshore wind load factor modelling taking in account climate change
- Provide economic analyses for the appraisal of EDF's investments in the UK and Ireland:
 - Pivot Power 50MW battery grid-connected projects
 - Offshore wind M&A and PPA projects
 - UK's Offshore Wind Leasing Round 4
- Provide Ad Hoc strategic analyses related to energy markets for the Board of Directors
- Manage a project to deliver a cutting-edge inhouse power market modelling software

Quantitative Analyst on Energy Markets, EDF, Paris

- In charge of commodity price modelling for the purpose of risk management:
 - Improve the multi-commodity price model used to optimize EDF's French power assets
 - Improve the commodity volatility structure modelling for the Risk Direction
 - Create load factor and power price model for Luminus' onshore wind portfolio to help define its best hedging strategy
 - Improve the gas price model for the Gas Direction used in gas storage optimisation and temperature-related risk premium pricing
 - Maintain and improve two in-house price model software used in the Risk Direction and Optimization Direction

TECHNICAL SKILLS

- Programming languages
Proficient in R and Python

Experience in C and C++

LANGUAGE SKILLS

- English –Advanced
- French –Advanced
- Chinese – Native
- Japanese –Basic

