

Olivier Lejeune



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SUMMARY

12 years of experience in the **energy markets**. Expert knowledge of the **oil market**, including of price benchmarks, trading negotiations and demand patterns, and of **electricity trading**. Technical skills in programming, statistical and time series analysis. Experience in managing a team and skilled communicator.

EXPERIENCE

International Energy Agency – Analyst

PARIS - OCT 2016 - PRESENT

I contribute to the IEA's flagship *Oil Market Report* with a focus on demand.

- Build econometric models to forecast global oil consumption as well as programmes to automate data acquisition and analyse statistical patterns. Write and edit monthly report to a high standard. Particular areas of focus include peak demand, the future of plastics, aviation, the impact of weather on demand and shipping.
- In my previous role at the IEA (2016-18), I analysed global storage levels, shipping trends and import/export flows. I also built models for global storage capacity, trade, non-OECD oil stocks and for tracking relationships between different crude and product price indicators.
- Regular presentations at industry conferences. Point of contact for IEA member states during supply emergencies, including during Hurricane Harvey in August 2017.

PROJECT EXAMPLES: Analysis of the future of plastics, amid tighter environmental targets, and the knock-on impact on the petrochemical sector - Report on the outlook for North American pipeline infrastructure, which successfully forecast a shortage of Canadian and Permian capacity ahead of market consensus.

S&P Global Platts – Associate Editorial Director

LONDON - MAY 2010 - SEP 2016

I led a busy team of journalists focused on the European oil product markets. Platts publishes Europe and Africa's most widely used price benchmarks for these products, against which billions of dollars trades on both the physical and paper markets. In 2015 alone, 150 million tonnes of ICE-listed differential swaps settled against my team's assessments.

- Spoke publicly and acted as the main point of contact for the team, either in face to face meetings or at conferences (Brussels, Casablanca, Minsk, Antwerp, Johannesburg, Cape Town). During my time, I visited clients in 30+ countries and have a network of contacts across Europe and Africa.
- Ensured that market issues were acted upon quickly. In 2015-16, I was involved in the resolution of around 50 commercial disputes (specification issues, delivery delays, demurrage negotiations, oil terminal restrictions).
- Administered the day to day running of the team including tasks such as scheduling coverage and recruitment. Worked in multicultural environment & facilitated a healthy flow of communication with the management. Acted as the "second pair of eyes" to ensure quality of assessments. Pushed down news coverage through the team.
- Started career at Platts by covering the UK electricity market (2010-2011) and North Sea crude/Dated Brent (2011-2012), used to price more than half the world's crude exports.

PROJECT EXAMPLES: Project to change cargo size reflected in main European diesel index. This involved meeting industry players and deciding on optimal size based on data/feedback - Coordinated switch away from Yahoo Messenger at Platts and for the wider market. This eventually led to the decision to move to ICE Messenger, which is now the market's standard.

Bloomberg New Energy Finance – Analyst/Consultant

LONDON - JAN 2008 - APR 2010

- Analysis of the impact of EU legislative changes on the price of CO2 credits (climate and energy package, airline

emissions directive), of supply and demand in the European carbon and electricity markets. Daily interactions with clients from investment banks, energy companies and governments.

- Wrote weekly, biweekly and monthly research reports on the EU Emissions Trading Scheme and the electricity market. Analysis of data on CO2 emissions, CO2 abatement costs, electricity production and demand, economic growth, industrial export/import flows. Built quantitative models predicting the price of CO2 allowances.

PROJECT EXAMPLES: Modelling of the cost of reducing CO2 in European industry including steel, oil refining and cement for the UK's Department of Energy and Climate - Estimate of the volume of CO2 credits to auction for the European Commission.

EDUCATION

2006-2008 **Masters of European Affairs** – Sciences Po Lille

2004-2006 **Bachelor in Public Administration** – Sciences Po Lille
2005-2006 : year abroad spent at the City University of Hong Kong

2003-2004 **Classe Préparatoire** – Iphesup Paris

LANGUAGES

French (native)

English (fluent). Due to my past as a financial journalist, I write in English to a high standard. I can also edit text.

TECHNICAL SKILLS

Data analysis: Python (Pandas, Numpy); MS Excel and VBA.

Web: Python (Flask, Bokeh, Matplotlib); HTML5/CSS3; Bootstrap; Basic JavaScript.

Data scraping: Python (BeautifulSoup).

Database: MySQL.

Statistics: Python (Statsmodel); eViews.

Deep learning: Python (Scikit-Learn, TensorFlow, Keras).

Others: Search Engine Optimisation (SEO); Refinitiv Eikon; ICE trading software; MS Power Point; Microsoft Power BI.

PERSONAL PROJECTS

RhineForecast.com

NOV 2019 - PRESENT

Personal data project created using the Python programming language. RhineForecast.com seeks to gather data on water levels, weather, snow cover in the Alps and soil conditions along the Rhine. The app also displays daily and weekly water level forecasts for key German locations along the river. The latest version of the site includes a Long Short Term Memory (LSTM) time series model developed using the TensorFlow and Keras Python libraries for machine learning.

INTERESTS

Sport: I enjoy sport, despite limited talents. I played tennis, badminton and rugby throughout university. I have also run several marathons in recent years. **Travel:** I lived in Hong Kong for nearly two years and travelled extensively throughout China. I have also been on recent trips to Indonesia, Italy, Namibia, Singapore and South Africa.