



Internship – Data Science (M/F)
Energy Management Department

About Neoen

Neoen is one of the world's leading independent producers of exclusively renewable energy. Neoen has close to 5.6 GW of solar, wind and storage capacity in operation or under construction in Australia, France, Finland, Mexico, El Salvador, Argentina, Ireland, Sweden, Portugal, Jamaica, Mozambique, and Zambia. The company is also active in Croatia, Canada, Ecuador, and Italy. Neoen's flagship assets include France's most powerful solar farm in Cestas (300 MWp), and two of the world's largest lithium-ion batteries: Hornsdale Power Reserve (150 MW / 193.5 MWh) and the Victorian Big Battery (300 MW / 450 MWh), in Australia.

A player in the fight against global warming and the energy transition, Neoen's mission is to design and implement the means to produce the most competitive renewable electricity, sustainably and on a large scale. As a responsible company whose long-term vision is reflected in a strong and sustainable growth strategy, Neoen is targeting more than 10 GW capacity in operation or under construction by end of 2025.

Neoen (ISIN Code: FR0011675362, ticker: NEOEN) is listed in Compartment A of the regulated market of Euronext Paris. For more information: www.neoen.com

Role purpose

Our **Energy Management Department** is looking for a **Data Science Intern** to join its European team, based in Paris, France.

As the renewable energy industry evolves, Neoen's portfolio of wind, solar and storage assets is increasingly exposed to the electricity markets. The Energy Management Department is in charge to manage this exposure and to optimize Neoen's operations in the electricity markets across our different geographies by combining market expertise and modelling capabilities.

As part of the Energy Management Europe, the Data Science Intern will contribute to the following tasks:

- Run the daily market operations of our batteries in Europe:
 - Maintain and improve our existing market models (optimization models, forecasting models) used to optimize our batteries
 - Monitor market conditions, price evolution and regulatory context to adjust the bidding strategy
- Expand our internal modelling capabilities by collaborating closely with our Quantitative Engineer:
 - Develop new optimization and simulation tools to support innovative business opportunities (solar + storage hybrid installation etc.)
 - Develop short-term and long-term electricity price forecasts
- Deliver data-driven market analysis and reports to Neoen's Senior Management
- Help with the day-to-day technical running of the team:
 - Monitor and maintain data collection services, Virtual Machines, Databases
 - Set up of new data feeds
 - Develop and maintain dashboards and reporting tools



Candidate profile

The candidate will need the following skills and experiences to succeed in this role:

- Education: Master's Degree student in Engineering, Applied Mathematics, Data or Computer Science
- Experience or strong interest for the energy industry
- Good analytical skills, knowledge in Machine Learning techniques
- Knowledge in constrained optimization models (LP, MILP) would be a plus
- Python capabilities with familiarity with data science libraries (pandas, sklearn, keras, ...)
- Language: Fluent in English and French
- On the soft skills side, we are looking for someone proactive and curious, with good communication skills and strong appetite for innovation and international collaboration

Conditions

Duration: 6 months

Based in Paris

Starting date: as soon as possible

Please send your application to recruitment.energymanagement@neoen.com