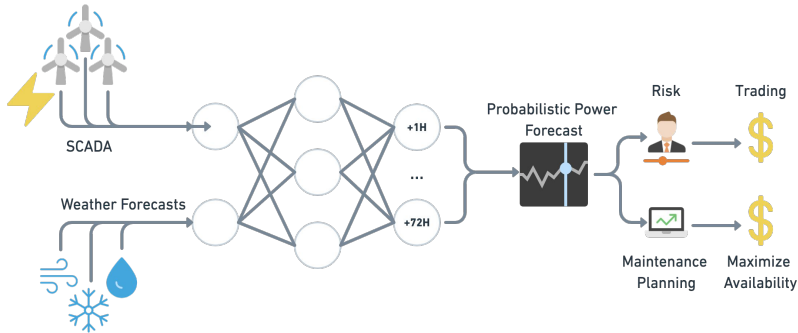
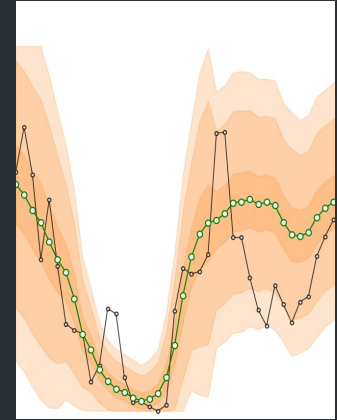


## Renewable Energy Forecasting

- We use deep learning models trained on Numerical Weather Prediction (NWP) forecasts and historical asset data to forecast generation for the next hours or days.
- Renewable energy forecasting is essential for energy trading, it allows to maximise revenue while minimising imbalance costs.
- The requirements are the location of the assets (latitude and longitude) and historical data of power generation (at least 2 years but the more the better).



Average NMAE	
Jungle	9.87%
Model_7	9.96%
Model_1	11.22%
Model_2	11.36%
Model_4	12.09%
Model_5	12.21%
Model_6	12.25%
Model_3	12.38%



## Our project with a major wind operator

We're currently the top performer for the Top-5 largest wind asset owner in the world.

In **3 months** we have been able to beat a company that has been doing this for more than **20 years**.

## What makes us different

Our modelling approach is highly flexible allowing us to define jointly with our customer the forecasting details, such as:

- Resolution
- Look-ahead period
- Update frequency
- Deterministic or probabilistic.