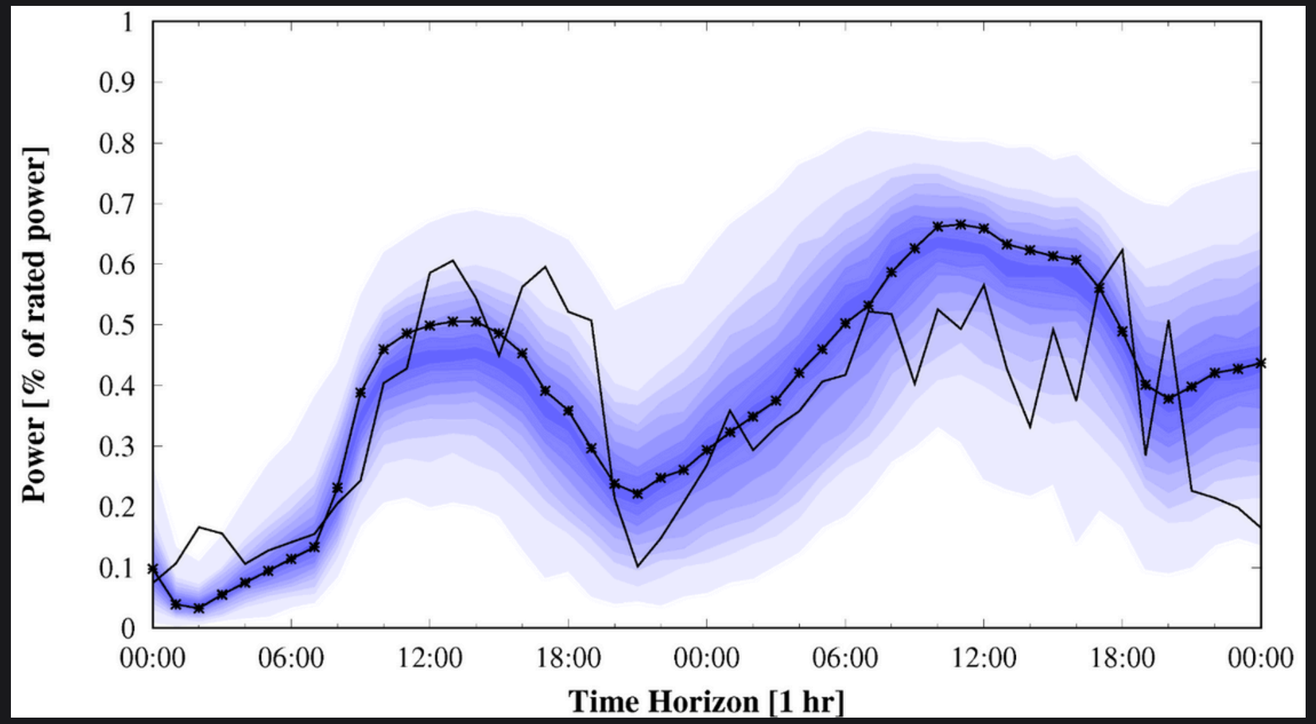
Versiro

Real-time analytics
of electricity markets

Main challenges with renewables

Uncertain production



Volatile prices

FINANCIAL TIMES

Charts that Matter Renewable energy

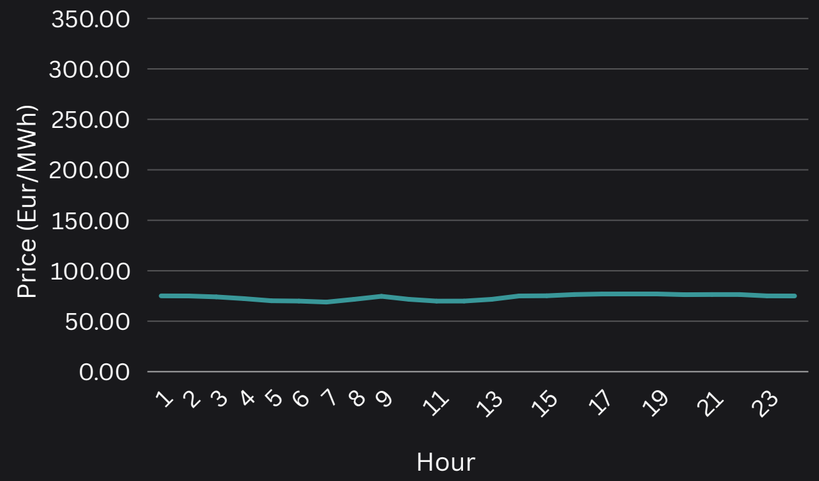
+ Add to myFT

Negative European energy prices hit record level

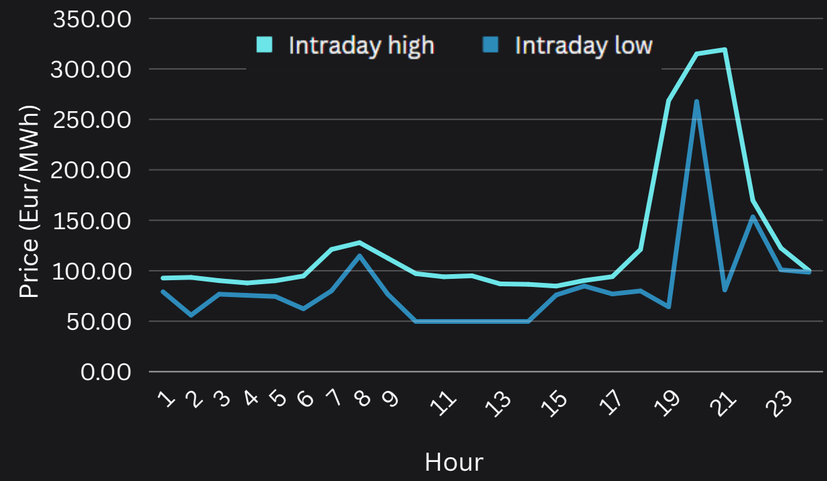
Rapid rollout of solar and wind generation has outpaced ability to store power

Problem already apparent

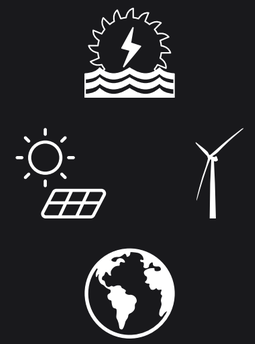
The Day-Ahead market



The Intraday market



Problems

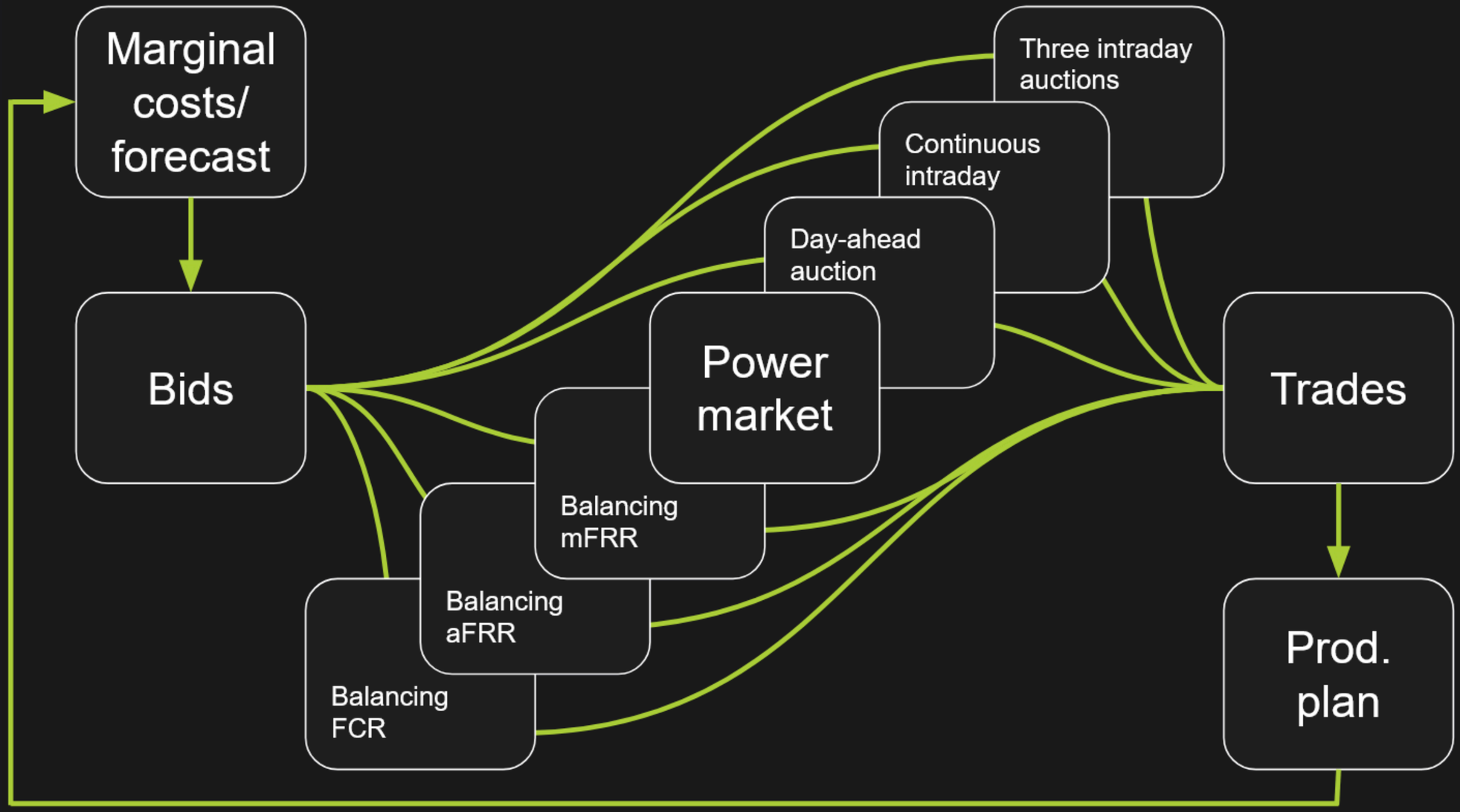


How to maximize value of flexible assets?

How to reduce costs of forecast errors from inflexible assets?

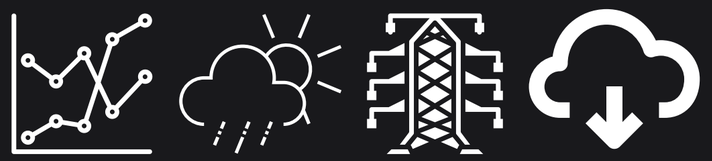
Numbers from Nord Pool market data, zone NO2, 11th September 2023

But how, when, and where?

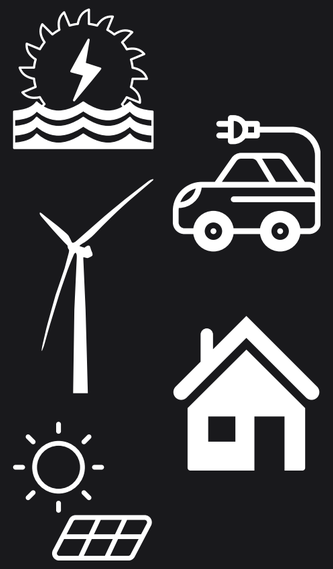


Versiro gives tailored strategies

Data that influence supply and demand
(power exchange, weather, power system, etc.)



Optional
customer data
(demand or renewable
forecasts, etc.)



Versiro
quantifies uncertainty

Versiro
multimarket optimization

GUI
or
API

Decision support

Profits from dynamic pricing

Risk adjusted decisions

Reduce imbalance costs

Easy to use and creates value fast

Get overview of electricity markets in real time

Easy to use API or GUI

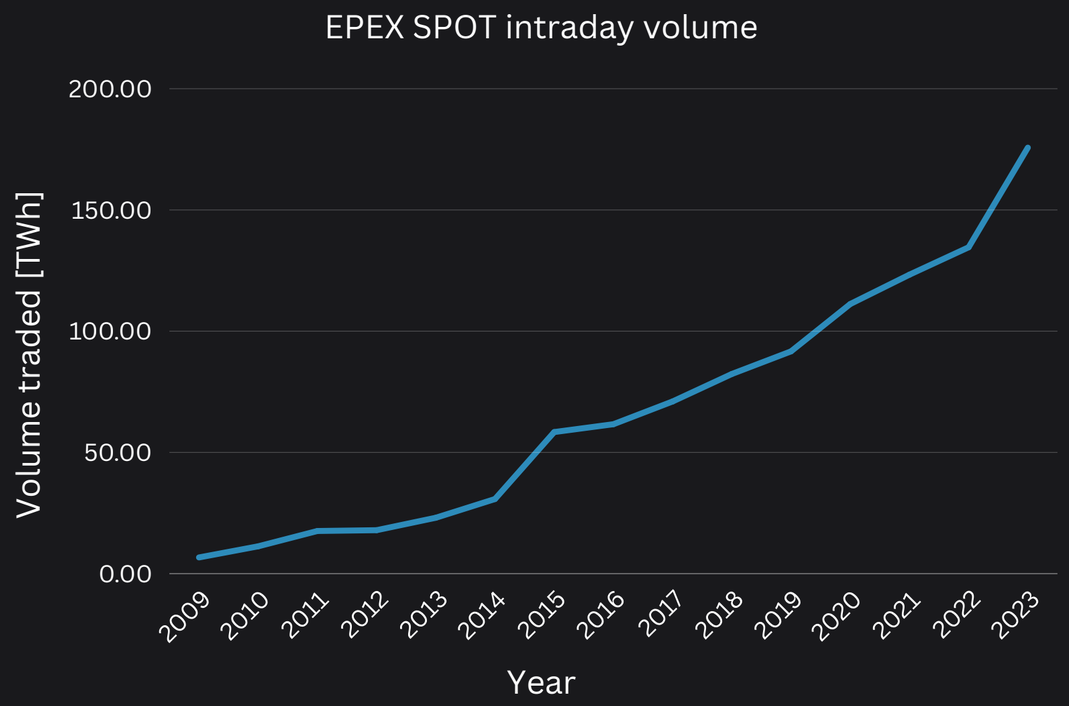
python

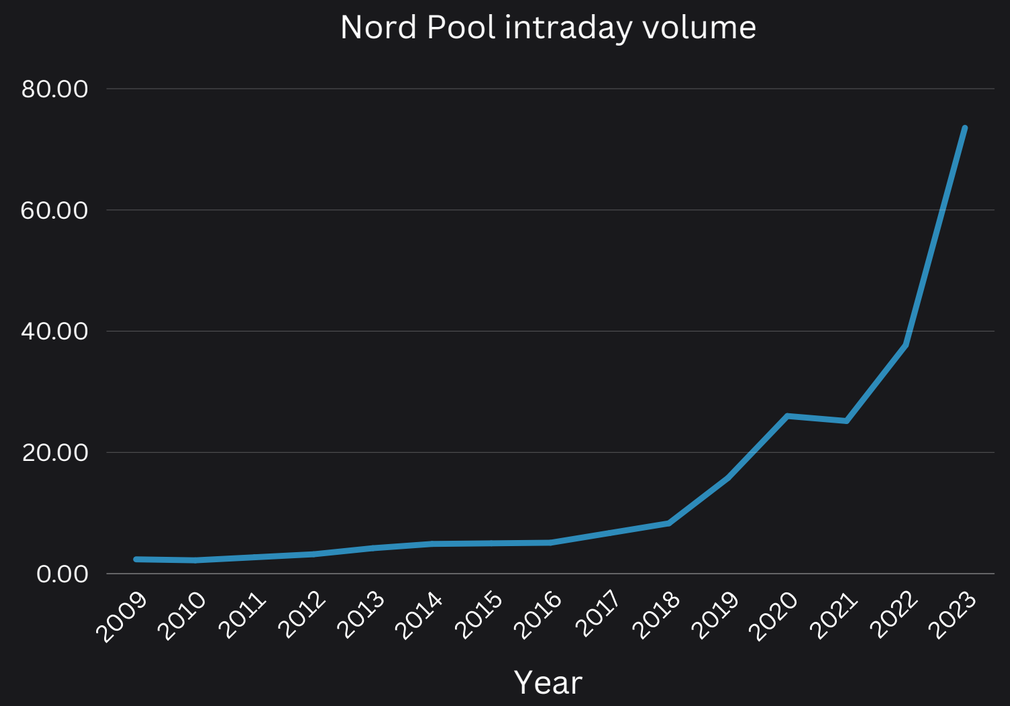
```python
import json
import requests

def get_versiro(auth_url, headers, data):
   auth_resp = requests.post(auth_url, headers=headers, data=data)
   response = json.loads(auth_resp.text)
   return response
```

Power producers can use Versiro without sharing internal data

Currently assisting several of the largest Norwegian power producers.
Just launched in Germany, Sweden, and Denmark.

Why now





More uncertain renewables mean more decisions in real time closer to delivery

COP28 pledge to triple renewable capacity within 2030

Correlation between increased renewable production and intraday trading is 0.95

Team

Markus Löschenbrand, PhD
CTO and co-founder

AI and power systems expert.
Published in leading academic journals.

Simon Risanger, PhD
CEO and co-founder

Deep understanding of the industry.
Published in leading academic journals.

Jørgen Kildahl
Chair of the board

Former C-level at E.ON and Statkraft

Advisors and investors

Johannes Teysen

CEO of E.ON 2010 - 2021,
board at BP and Alpiq

Experienced founders and operators

From energytech, PR and coms, fintech etc. like Enode, Superside, eSmartSystems Geelmuyden Kiese, Tink etc.

Versiro

Thank you and get in touch!

Simon Risanger, PhD

CEO and co-founder

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