

# Value

## Technology for a sustainable tomorrow

Handelsbanken Nordic Small & Mid Cap Seminar 08/06/2023

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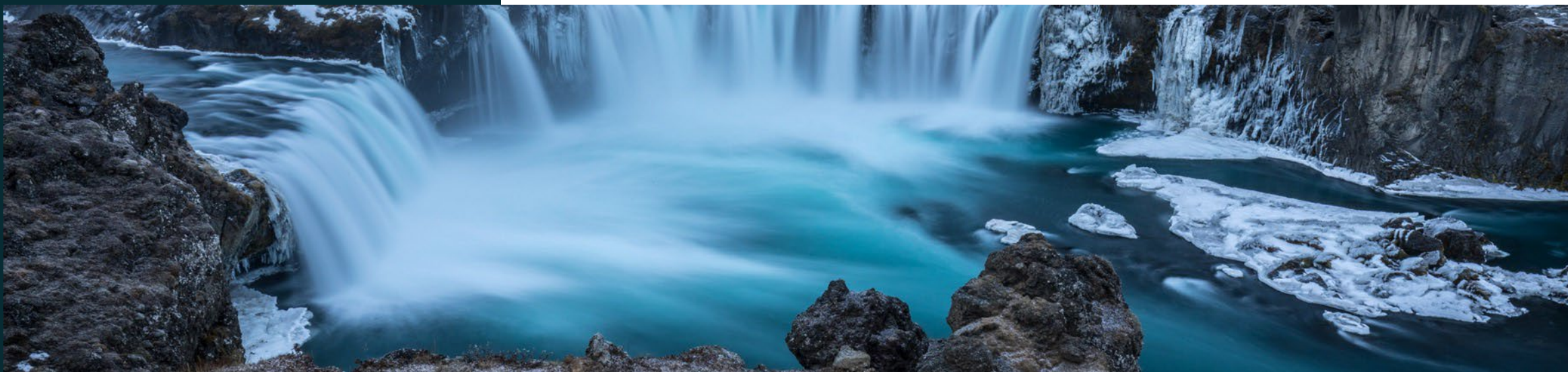
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# Value in brief

One of the largest  
software companies  
in Norway



Established  
2020



Customers  
2,500



Engaged employees  
780



Customers in  
40+  
countries



Offices  
30



Experience in Green-Tech  
50 years



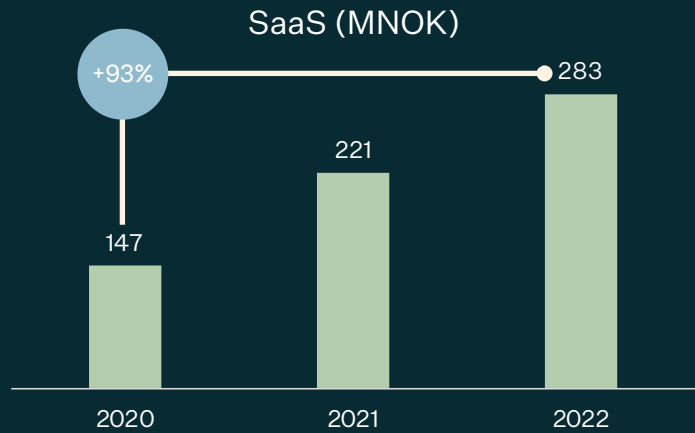
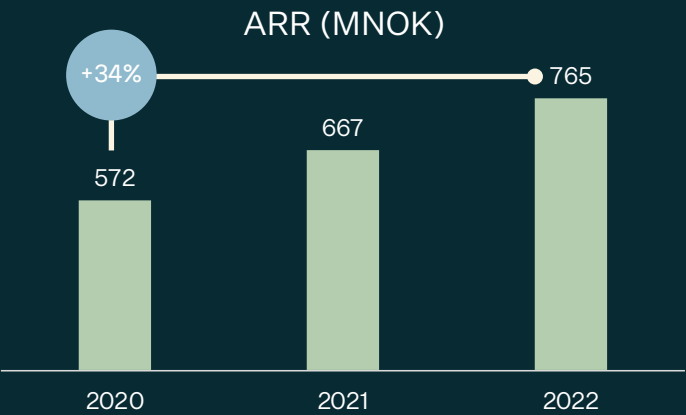
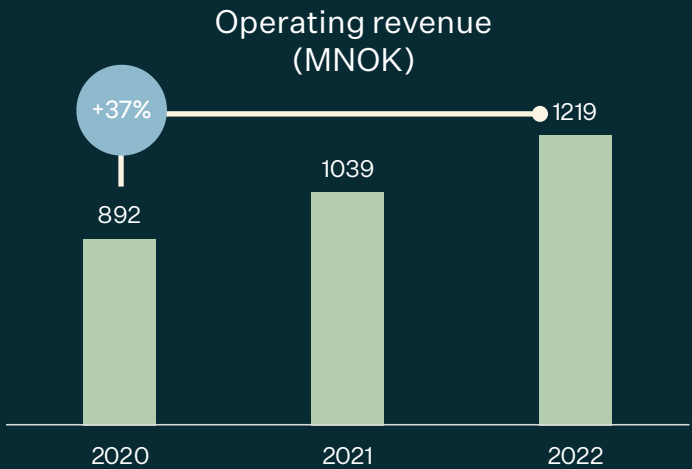
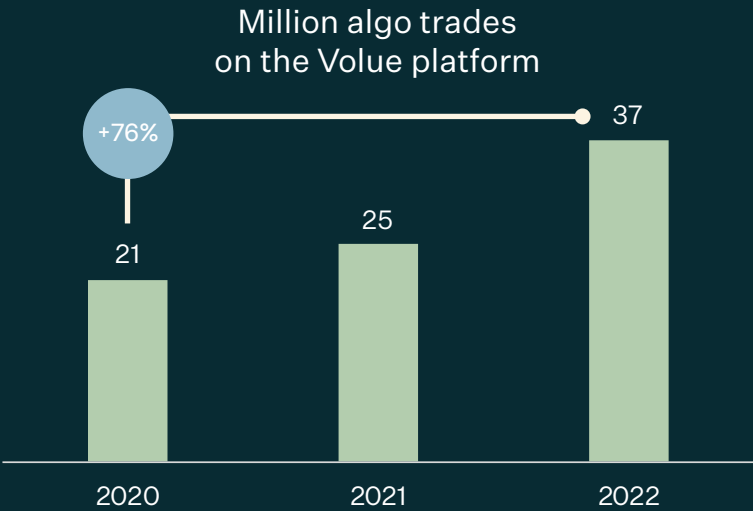
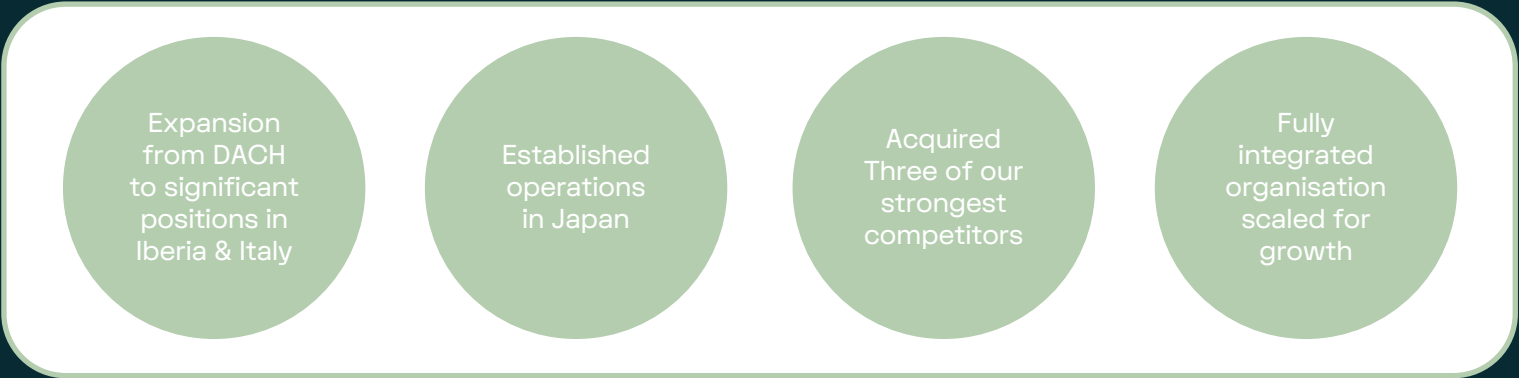
2022 Revenues  
1,219 MNOK



2022 EBITDA adj  
203 MNOK (17%)

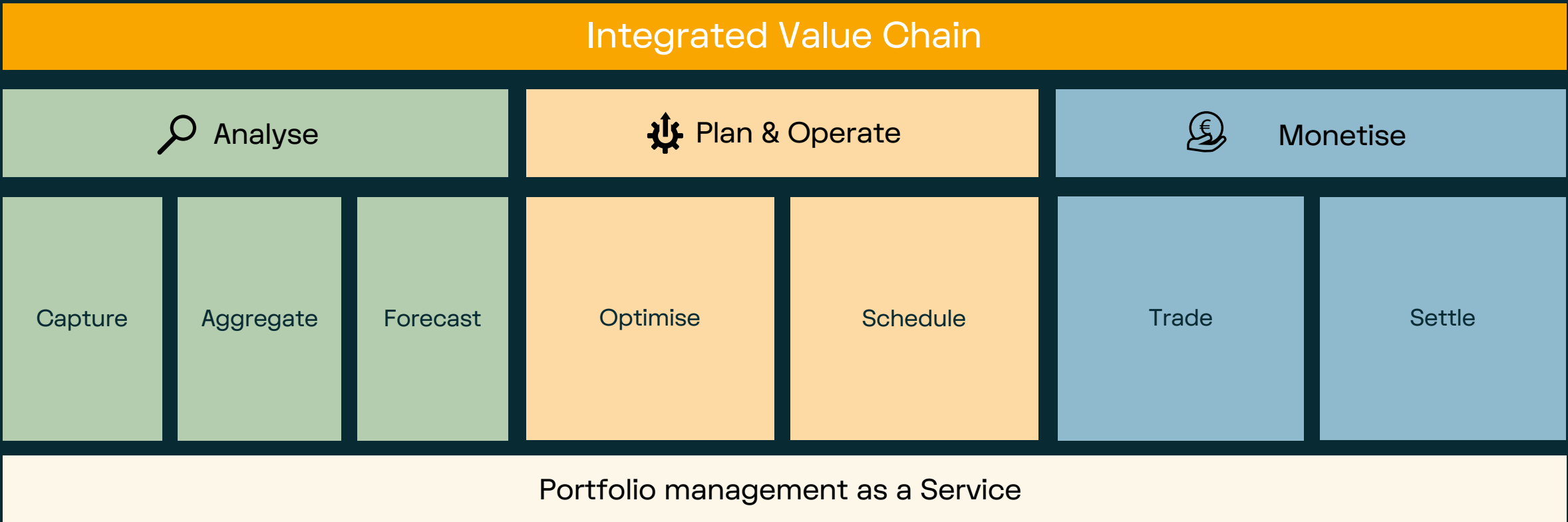
# Value achievements since listing

Completed must-win battles from the '21-'23 strategy



# Offering customers flexibility and increased value creation

Software, markets insights and IoT technology covering entire value chain



# Why does a power producer need tools for forecasting, optimisation and trading?

Simple example

One asset


One market

Hydro



Day-Ahead

**Mission:** Operate safely and maximise profits

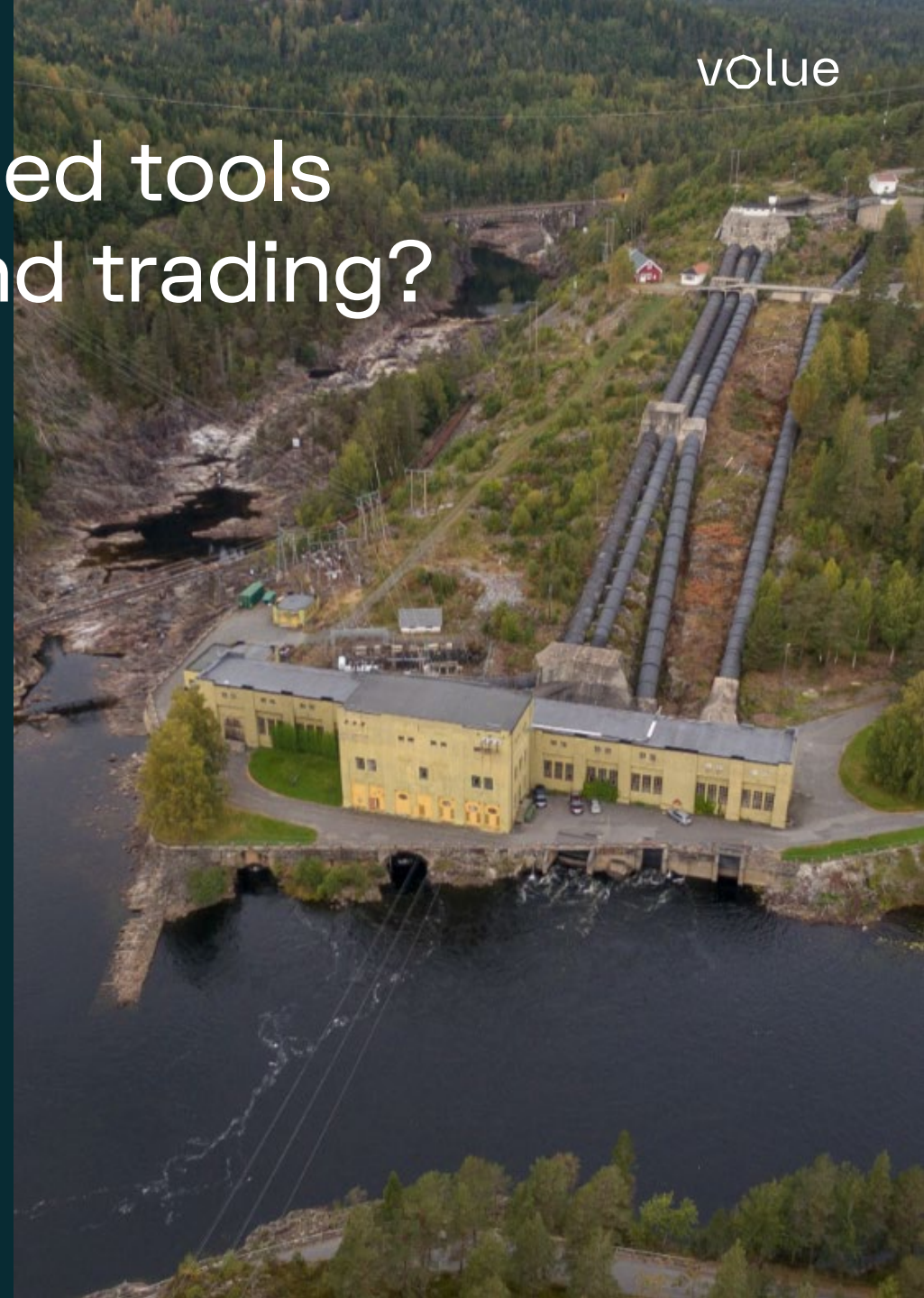
 Analyse



Plan & Operate



Monetise





## Analyse



Reservoir  
levels

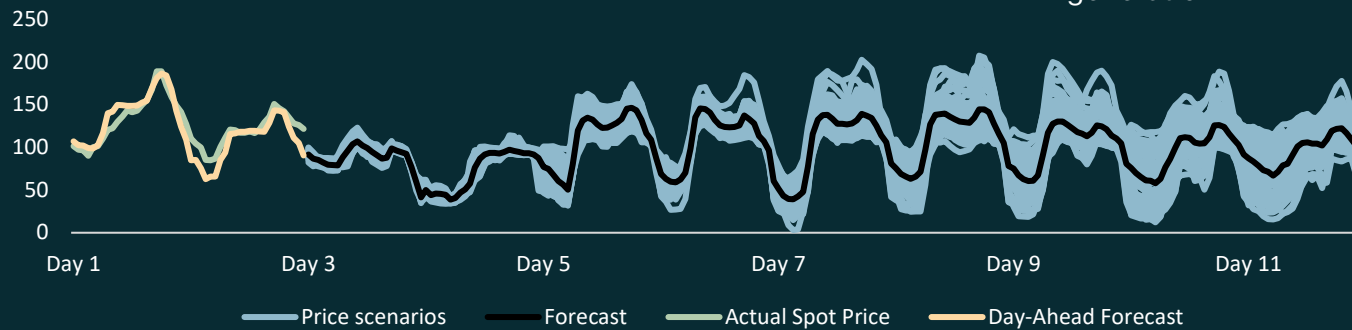
Simple measurement  
Continuous validation  
and correction

Inflow

Precipitation and  
temperature (1 vs 2)  
Elevation  
Current state of  
catchment area

Price  
scenarios

Power demand  
Power plant  
availability in Europe  
Fossil fuel prices  
Intermittent renewables  
generation



value

1

2





## Plan & Operate



### Static Model Data

Penstocks & turbines

Efficiency curves

Ramp up costs

### Time Dependent Data

Minimum flow in the river

Available capacity

Reservoir restrictions



Optimise

Schedule





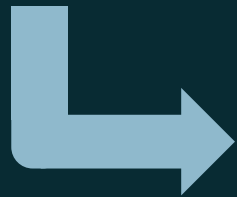


Monetise



Day ahead bid

Submission of 24  
price dependent bids



Verification of compliance  
with obligation

Update reservoir level



Settlement

Stakeholder  
holder reporting

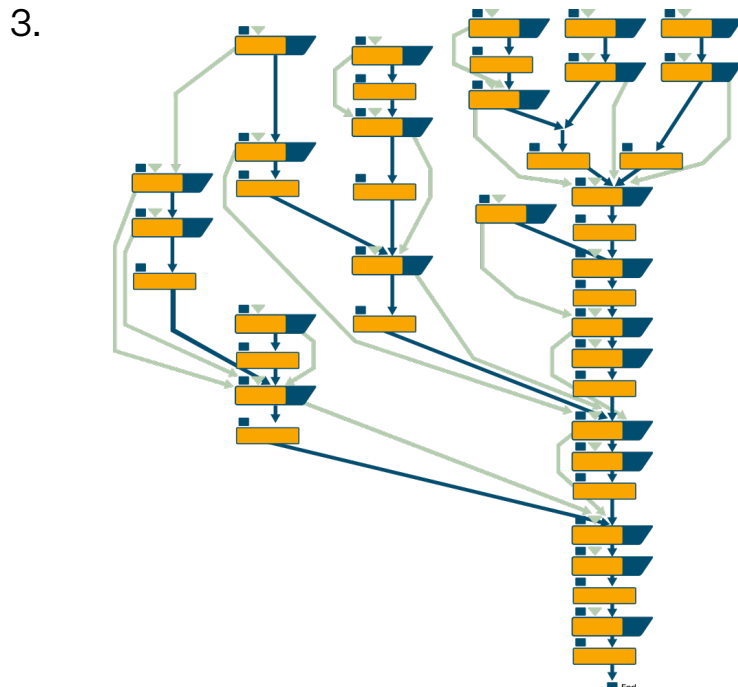
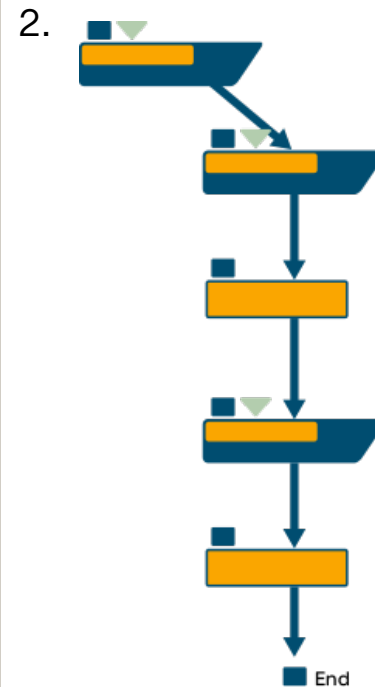
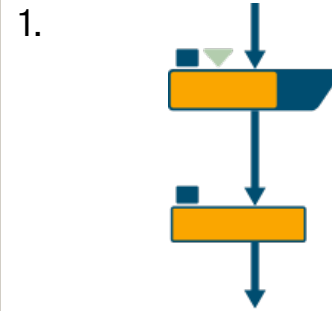


## Calibration of the example

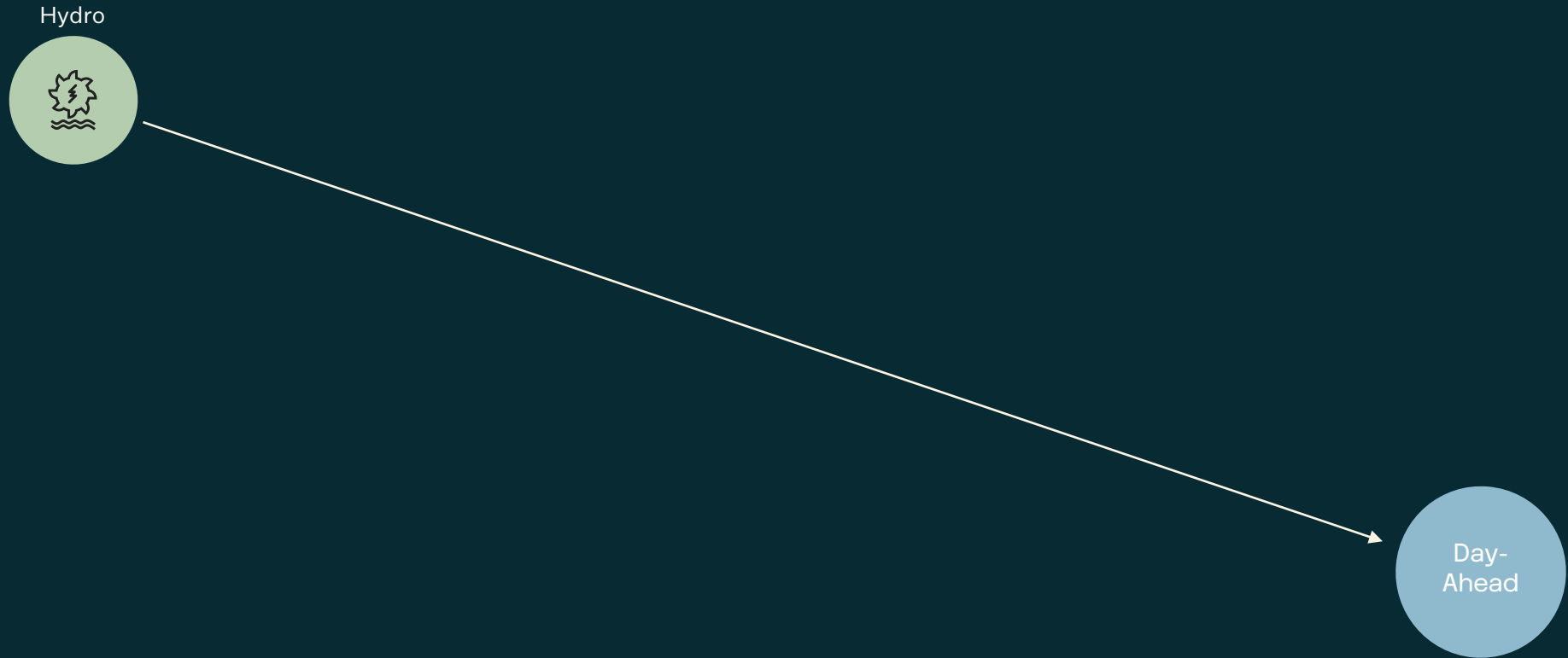
This example is depicted to the right (1):

The real layout can be seen bottom right (2):

Bottom left is a more complex and realistic river (3):

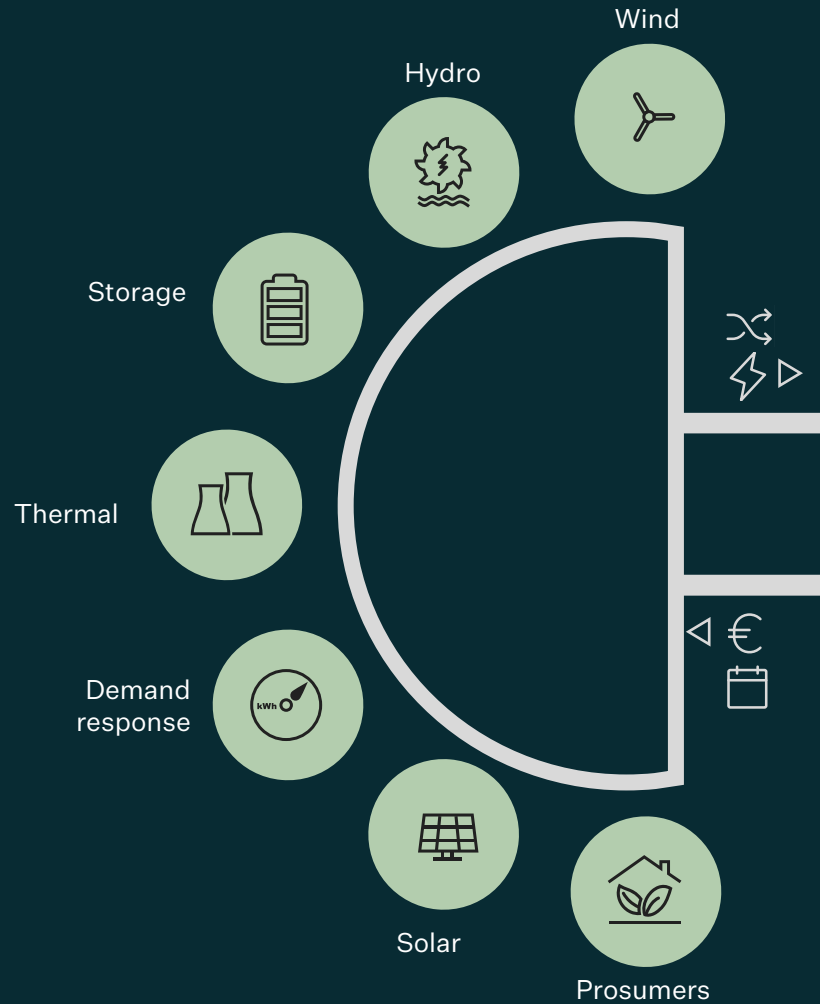


# This example describes below complexity...





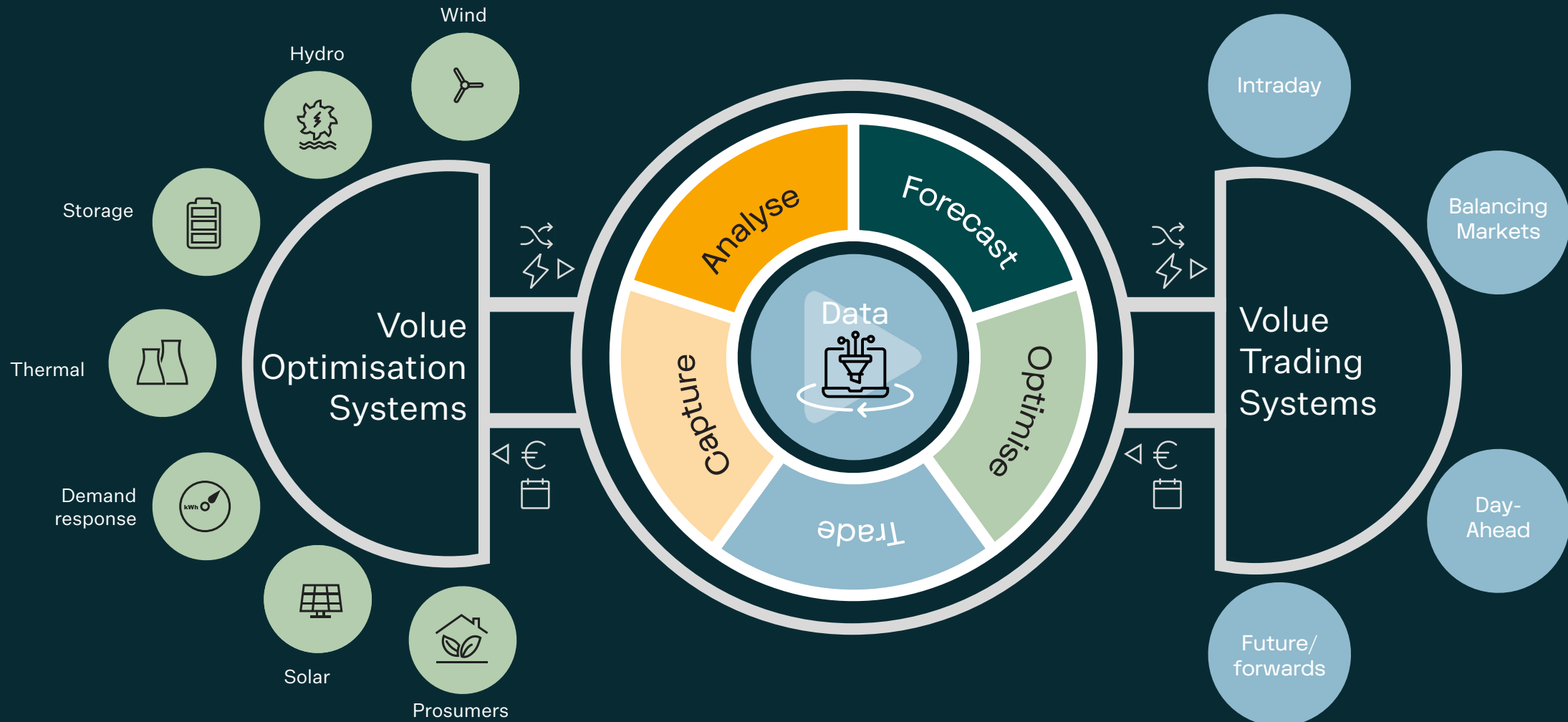
# Reality looks like this



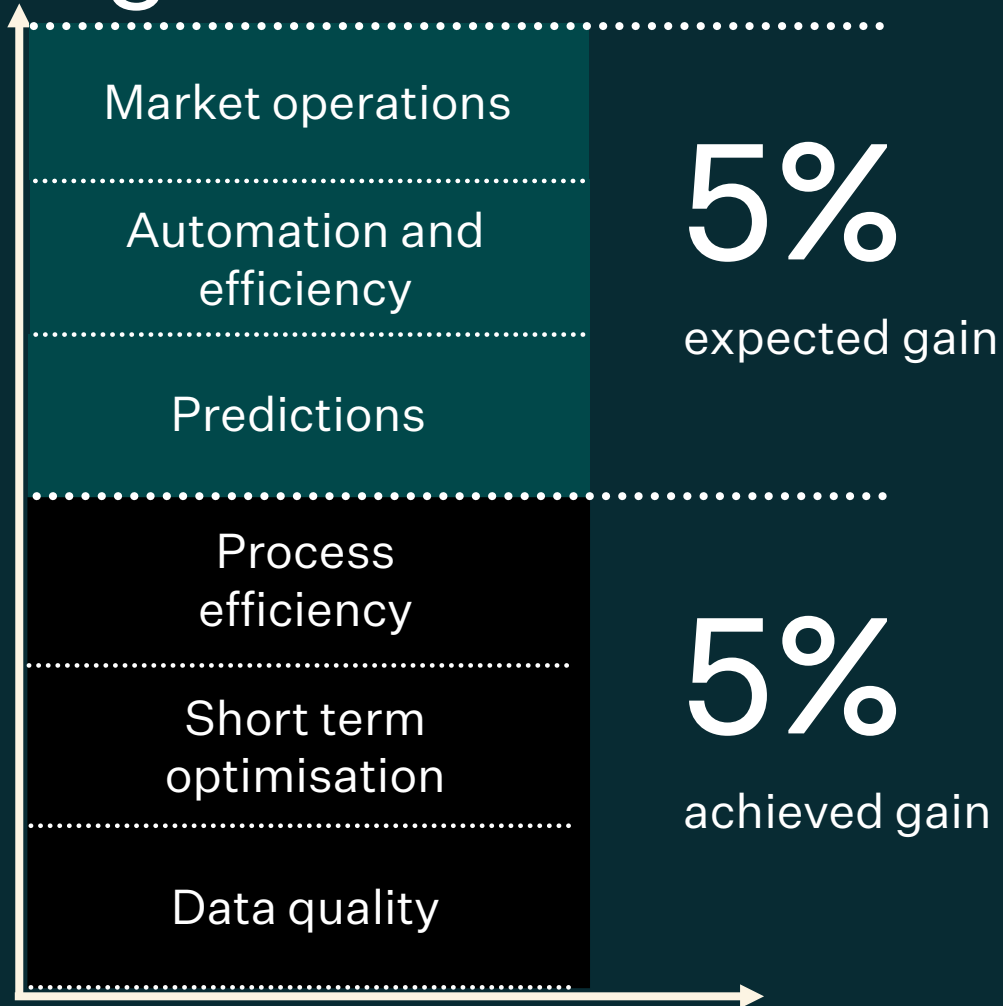
Need to  
simplify  
complexity



# We connect assets to markets



# Maximise business value in power generation and trading



10%

Expected  
total gains



# Why will Volue be successful?

1

Our presence across the entire value chain is time and time again proved to be unmatched when competing for business

2

Volue achievements and progress since listing speaks volumes, highlighting the organisations ability to execute on growth ambitions

3

Energy markets are experiencing a tectonic shift, increasing the need for our services and the speed in which our customers make investment decisions