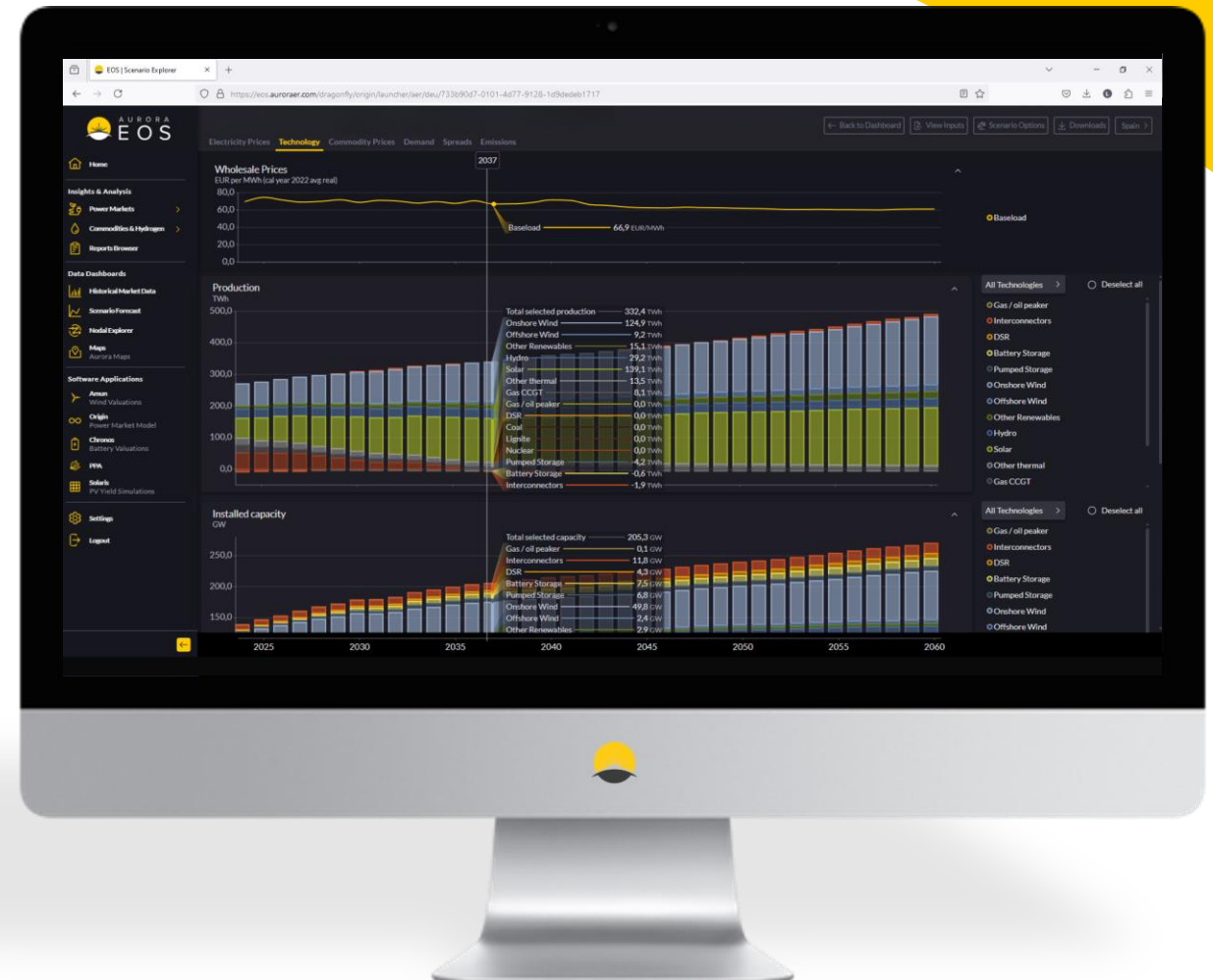


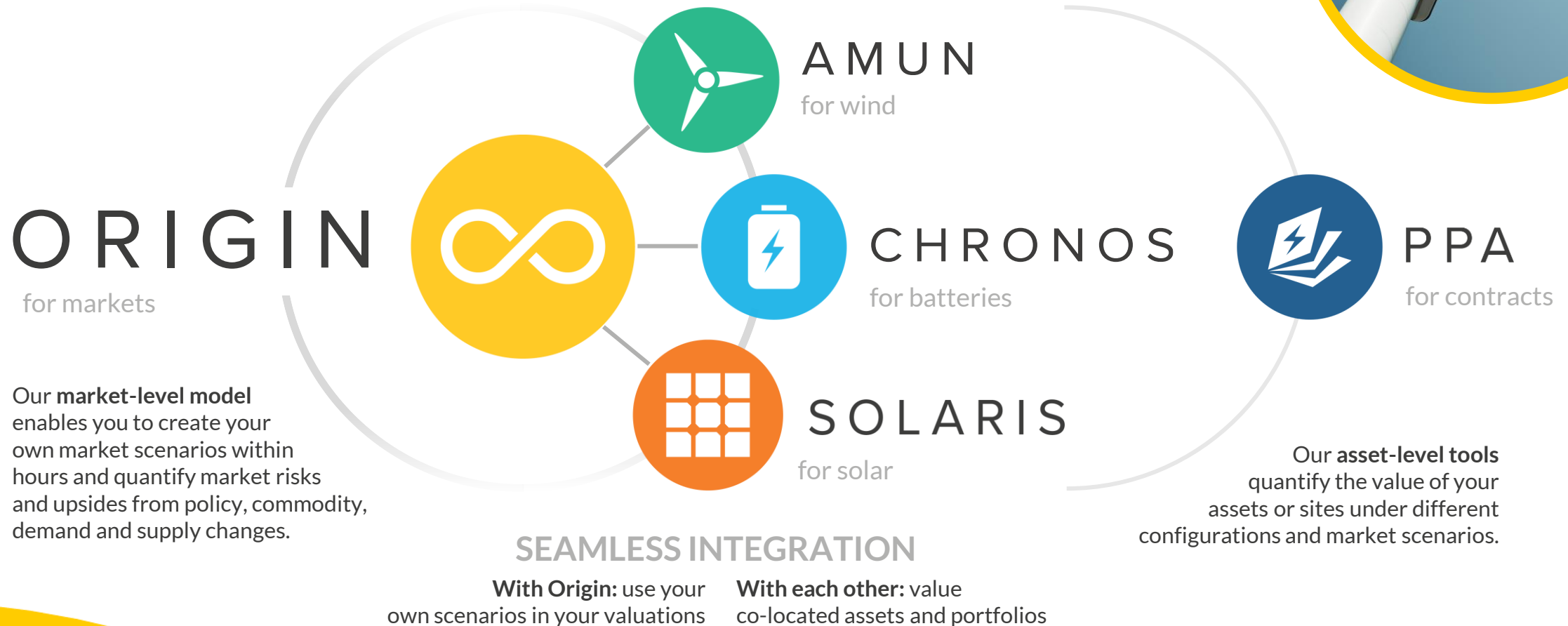
Aurora Software

Find unique value on the road to Net Zero

Aurora's integrated software suite empowers **you** to analyse power markets and assets with unprecedented sophistication and ease, helping you build an edge in the crowded market



Seamlessly integrated suite of software products





CHRONOS

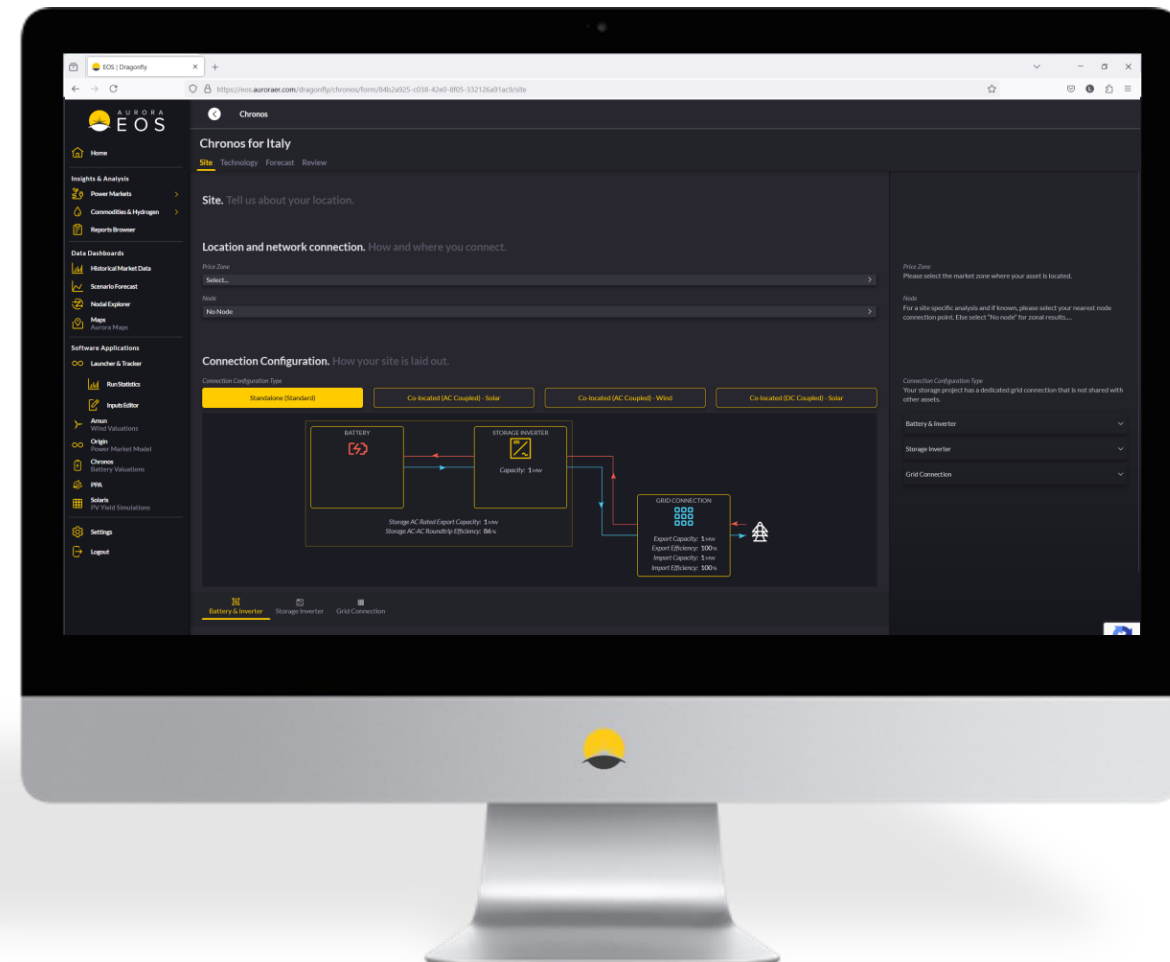
Battery valuations, perfected—now in Italy

CHRONOS allows you to evaluate any storage asset or project using Aurora's cutting-edge proprietary battery dispatch engine

- Accounts for all site-specific value drivers
- Backed by Aurora's trusted forecasts and team of experts
- Bankable methodology with reliance available
- Intuitive interface that empowers user-driven analyses

Evaluate as many opportunities or scenarios as you require, without any consultancy lead times, for one yearly fee

Bespoke, bankable analyses for your entire portfolio in just a few clicks



Transactions



Project Design
Optimisation

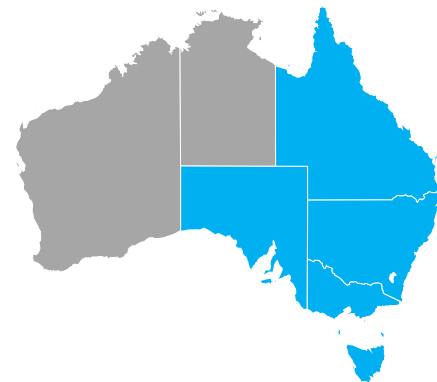
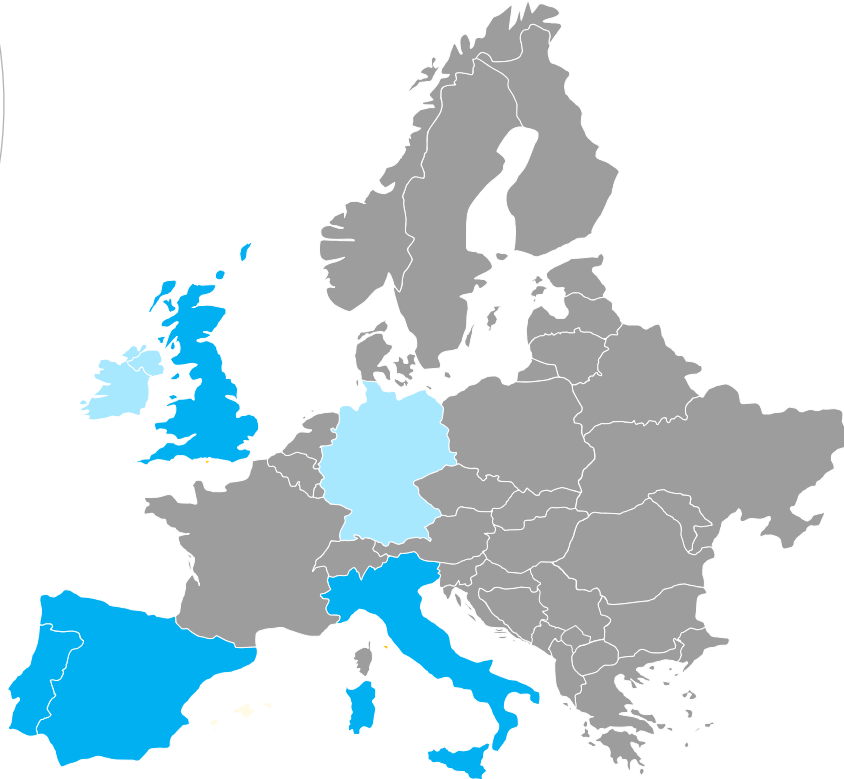
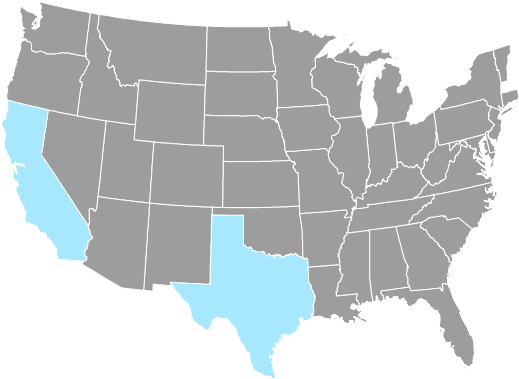




Portfolio
Valuation



Optimisation
Benchmarking

Where can you find Chronos



-  CURRENTLY AVAILABLE
-  COMING SOON...

A global benchmark trusted by industry leaders



30+ subscribing companies
in its first year

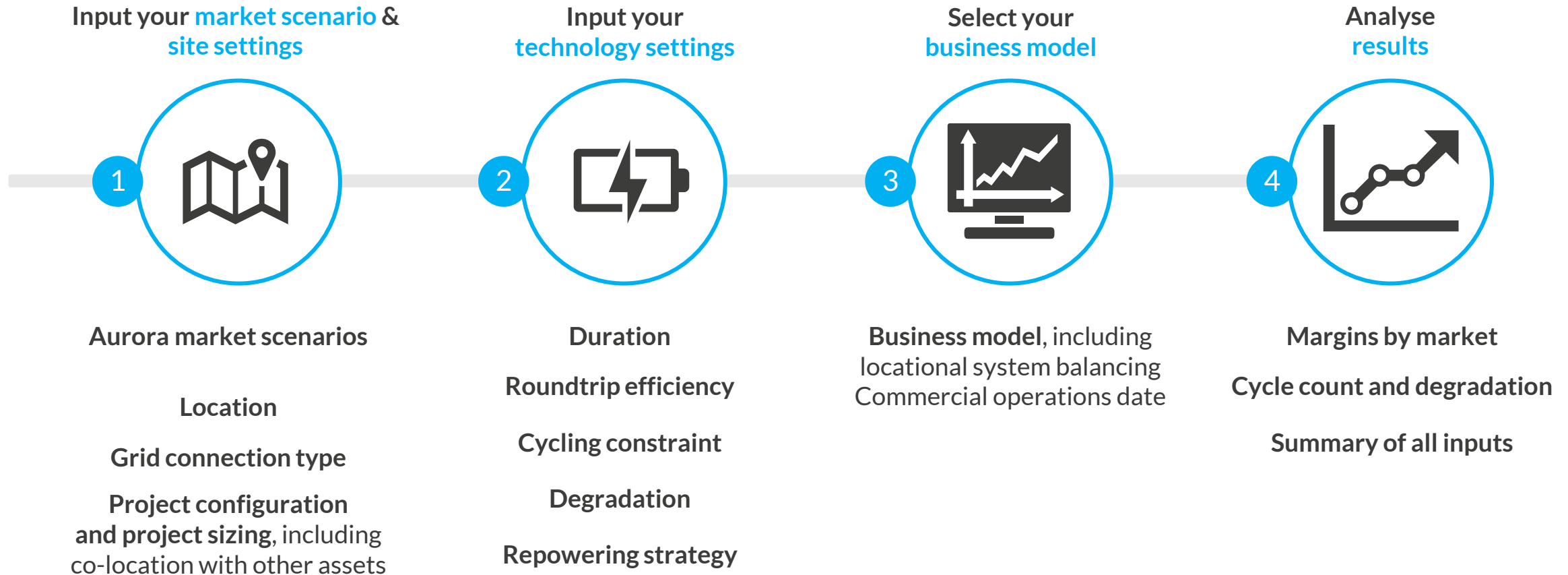
Underpins major debt
financings

Used by leading developers
for site selection and
optimisation

Simple to use and beats advisory
wait times

Underpinned by Aurora's bankable
market forecasts used by and
relied on by 350+ companies
globally

Chronos' simple 4 step process produces consultancy-standard results without the wait time



Chronos Customer Success: Getting started, made easy!

Comprehensive support from our dedicated team of Chronos battery valuation experts

Implementation

Chronos is designed to be user-friendly, requiring minimal training or setup

- Use out-of-the-box features
- Benefit from onboarding sessions tailored to your use case and focused on your target assets
- Integrate **Chronos** into your financial modelling

Training

Tailored training ensures proficiency after your **Chronos** service activation

- Create all your target valuations, upload your renewable profiles, and OEM degradation curves
- Delve into thematic deep dives and new feature training

Ongoing Support

Our **Chronos** experts are on-hand to help you check and understand your valuations

- Have **Chronos** results checked by our team
- Ensure you are using **Chronos** correctly
- Use your checked results as a part of additional bespoke Advisory work

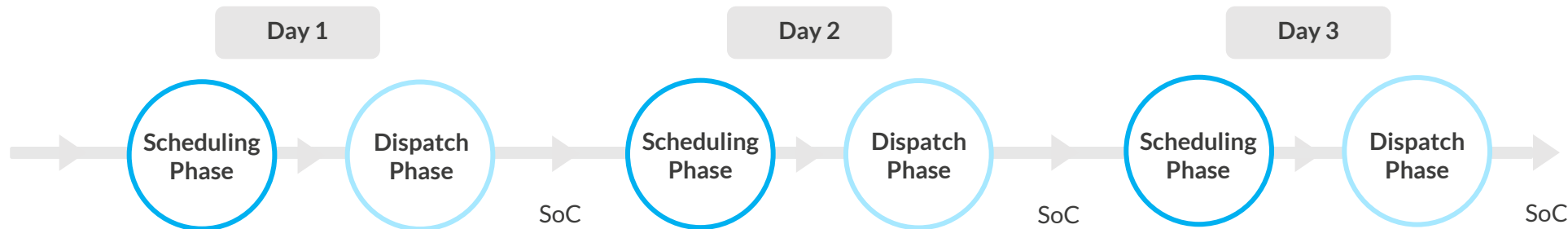
Community Events

Participate in regular sessions where we learn from you, and you learn from each other

- Network with local, regional, and global peers
- Attend online and offline events
- Contribute to the **Chronos** development roadmap

Aurora's battery dispatch model **Chronos** for Italy optimises daily between the Day-Ahead and MSD markets to profit from arbitrage

Chronos is solved in **blocks of 1 day** (24 hours), determining all actions for each block before moving onto the next block.
Each block is solved in two stages:



SCHEDULING PHASE

Outputs:

- Day-Ahead wholesale market positions (at hourly granularity)

Method:

The Scheduling Phase is solved with an optimisation approach, with up to 32 hours foresight of remaining prices (for Day-Ahead only). Participation in this market also accounts for the opportunity cost of participating in the MSD. Opportunity cost is influenced by an imperfect foresight over a limited number of upcoming MSD prices.

DISPATCH PHASE

Outputs:

- Final positions in all markets
 - Fulfilment (or non-fulfilment) of Day-Ahead commitments
 - MSD charging/discharging
- End-of-day state of charge

Method:

Day-Ahead commitments are fulfilled first (subject to state of charge conditions). MSD actions are determined using a heuristic price threshold approach based on upcoming Day-Ahead prices. No direct foresight over the upcoming MSD prices is assumed.

Example of modelled battery

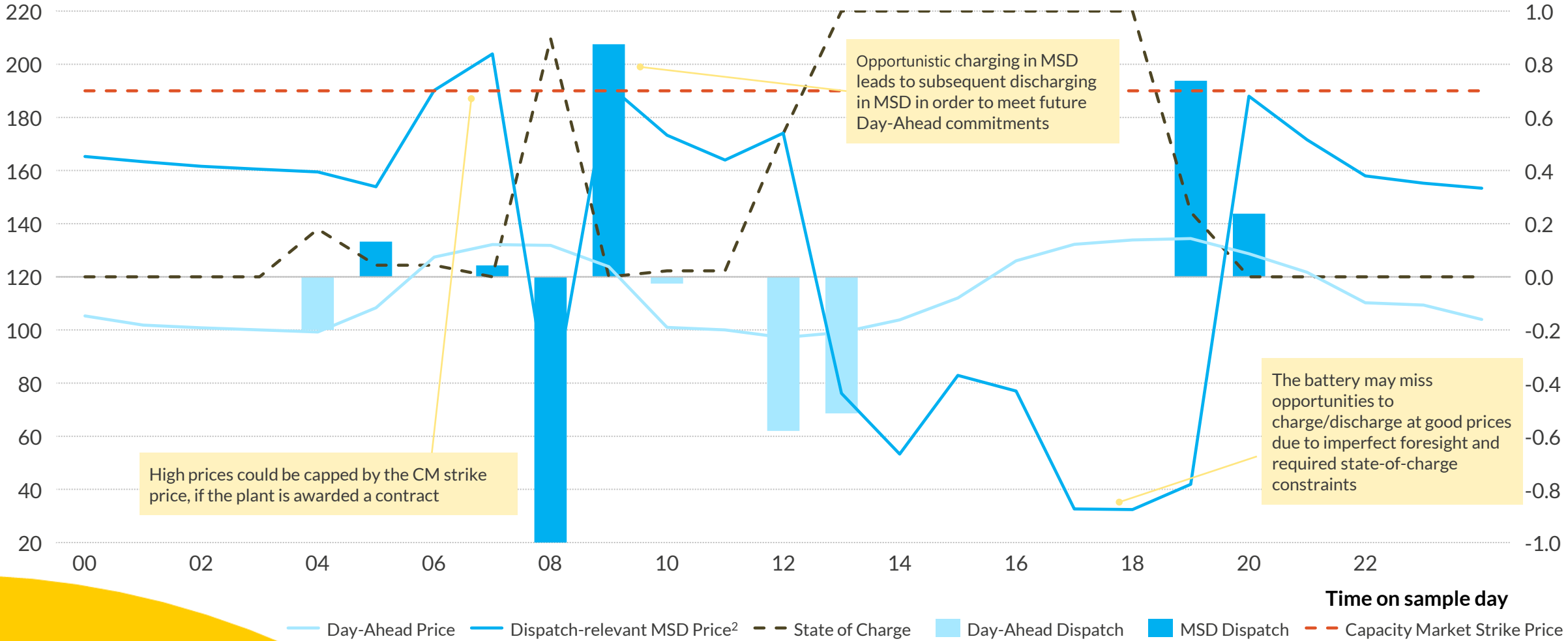
Asset is optimising to price movements, but could miss out on some prices due to imperfect foresight

Day-Ahead and MSD prices

€/MWh, line chart

State of charge and battery dispatch¹ for a 1MW, 1h battery

MWh, bar chart



1) Discharging/export actions are shown as positive, while charging/import actions are shown as negative; 2) Defined as the MSD price in the prevailing (i.e. highest-volume) direction of the regulation in the relevant hour.

Try out **Chronos** on your project

Book your free demo today!

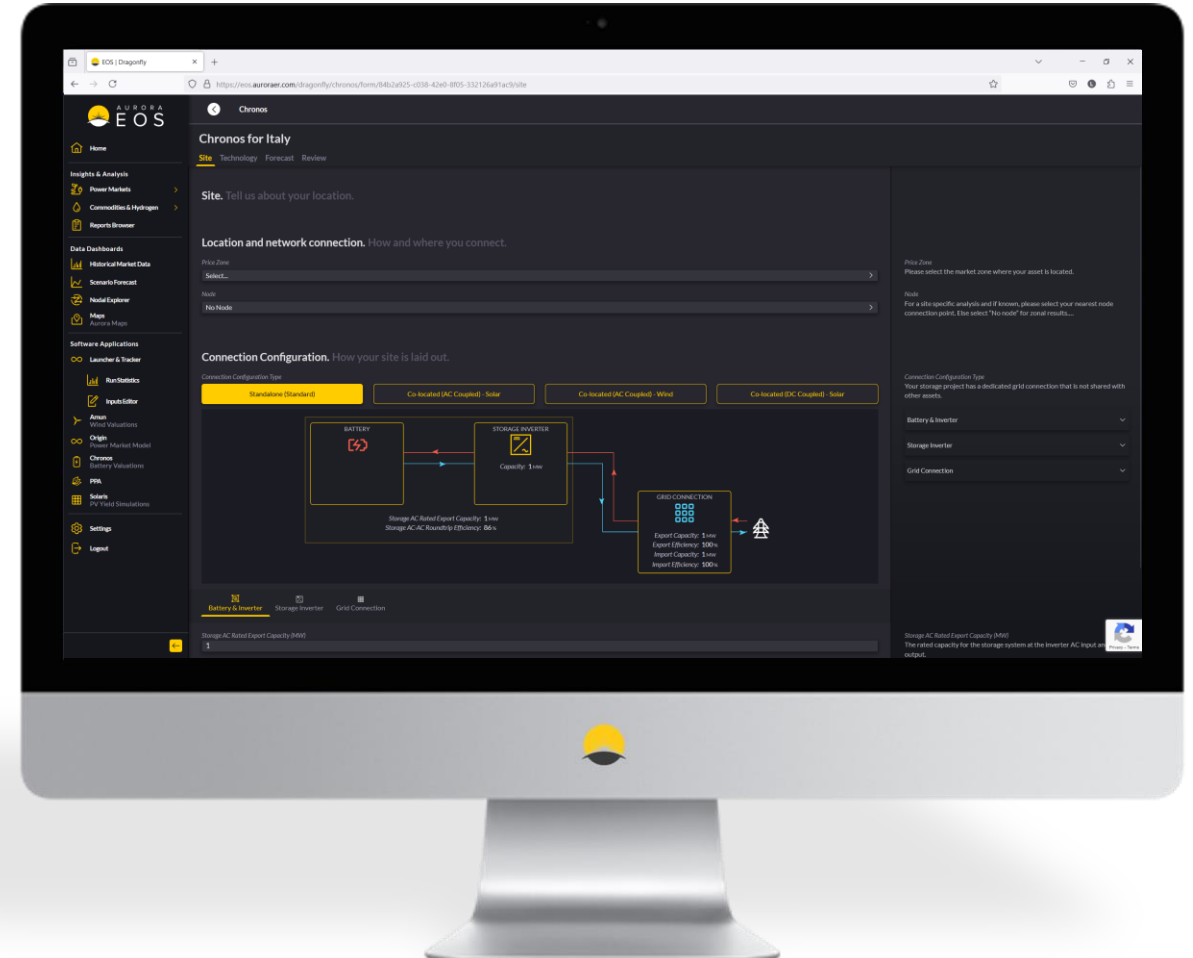
Explore how your business can benefit from **Chronos** and its battery valuation potential. Book your introductory walkthrough either online or in person.

Reach out to us now:

Dearbhaile Hunt

Commercial Associate – Chronos

dearbhaile.hunt@auroraer.com



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