LCPDelta

STOREtrack Keeping your finger on the pulse of European energy storage opportunities

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About LCP Delta



Our mission is to enable a better, faster energy transition for all

Founded in 2004 and based across the UK, France, Norway, the Netherlands and beyond, LCP Delta provide data-driven research, consultancy, technology products and training services to companies investing in and navigating the energy transition.

We are a diverse team from a variety of backgrounds including engineers, data analysts, environmentalists and more.

LCP Delta is a mission driven organisation - all of us want to make a difference to the energy transition and accelerate the path to a low carbon future.

The energy market is becoming increasingly complex. As consumers become more empowered and as energy systems around the world decarbonise, there is a need to understand both the generation and demand side to effectively navigate the rapid changes occurring.

We know it's a complicated topic, and we're here to help.

Andy Bradly, Partner, LCP Delta

LCP Delta was formed through the merger of Delta-EE and LCP Energy to bring together deep generation and consumer-side expertise, to provide our clients with a single partner to help them on their journey and provide them with a 360° view across the energy spectrum.



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LCP Delta provides the best advice, support and tools to enable the energy sector to drive the energy transition



Subscription research services

Our portfolio of subscription research services offer in-depth insights across the energy transition landscape. We have been undertaking primary research with organisations active in the energy transition since 2004 – we have an unparalleled international network of contacts we can draw on. Each service focuses on a particular aspect of the energy transition.

Market and strategic advisory consulting

We provide support across the full energy value chain with bespoke research, insight, forecasts and advice tailored to them. Our consultancy offerings draws on expertise and data from across LCP Delta, from strategic market entry analysis through to detailed half-hourly revenue forecasting.



We support our clients in four ways



Technology & data

Data integration and analysis is at the heart of the energy transition. However, sourcing and navigating complex, wide-ranging datasets is challenging. At LCP Delta, we combine and curate proprietary and public datasets to provide you with a single source of truth across the energy spectrum and make this data interactive using our cutting-edge technology.

Training

Our training helps professionals quickly develop their new energy knowledge, accelerating their impact for organisations who want to capture opportunities. We provide meaningful, concise and easy to understand short courses.





The energy storage market in Europe is growing rapidly and will continue to do so through the coming decade

The European energy storage market will grow by more than an order of magnitude over the current decade.

> There will be many hundreds – if not thousands – of utility scale projects developed

>€10bn investment

The total investment in the European energy storage market will be in the 10's of billions



Forecast growth in cumulative battery storage capacity in Europe in the current decade

>50GW

>1,000

projects



What is STOREtrack?

A tool to keep your finger on the pulse of European storage projects and opportunities

STOREtrack provides a unique combination of:

Access to LCP Delta's live energy storage database

STOREtrack users never have to wait for the next update, they always have access to the latest data available.

Our research team is continuously updating the database, meaning users always have access to our latest data, enabling them to have their finger on the pulse of development in the European energy storage market.

An intuitive visualisation and user interface to filter, aggregate, graph and extract data

STOREtrack builds off LCP Delta's market leading <u>Enact</u>, allowing users to explore, analyse and extract data on energy storage markets and projects across Europe.

STOREtrack is updated weekly



What does STOREtrack do?

STOREtrack builds on LCP Delta's comprehensive dataset tracking the status of storage projects across Europe, and allows users to deep dive into projects and answer business-critical questions

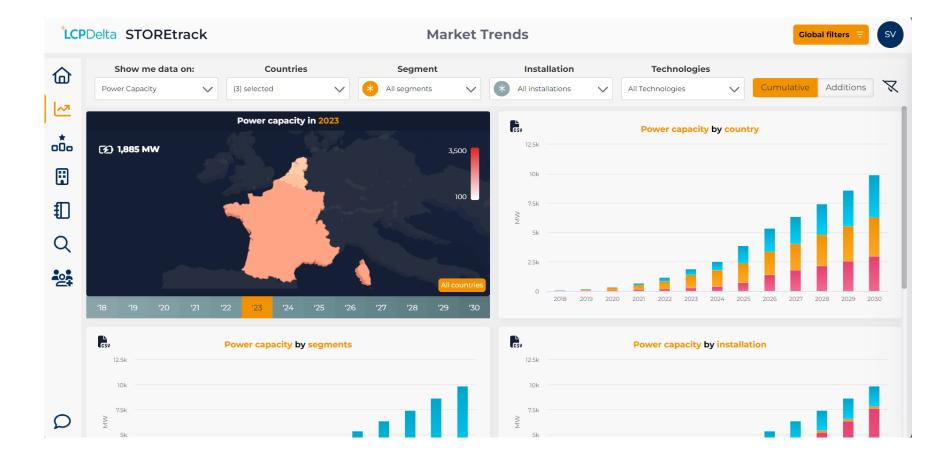
| Track trends | Track aggregate trends in storage MW, MWh and duration across countries | Asset identification | | Answer pre-defined, business critical questions such as "which assets are being built that do not yet have an optimiser" |
|---------------------|--|----------------------|---|--|
| Project analysis | Deep dive into specific projects and identify owners, optimisers, financers, grid connections and planning status | Data export | | Export aggregate data and graphics to support stakeholder engagement and fundraising |
| Competitive mapping | Map the competitive landscape through project portfolios; existing, under construction and planned projects; project roles and business development opportunities | Technology spectrun | n | Explore the full spectrum of battery and non- battery technologies at various scales, from grid-scale to commercial, industrial and residential |



Track aggregate trends

User defined selection and interrogation of data

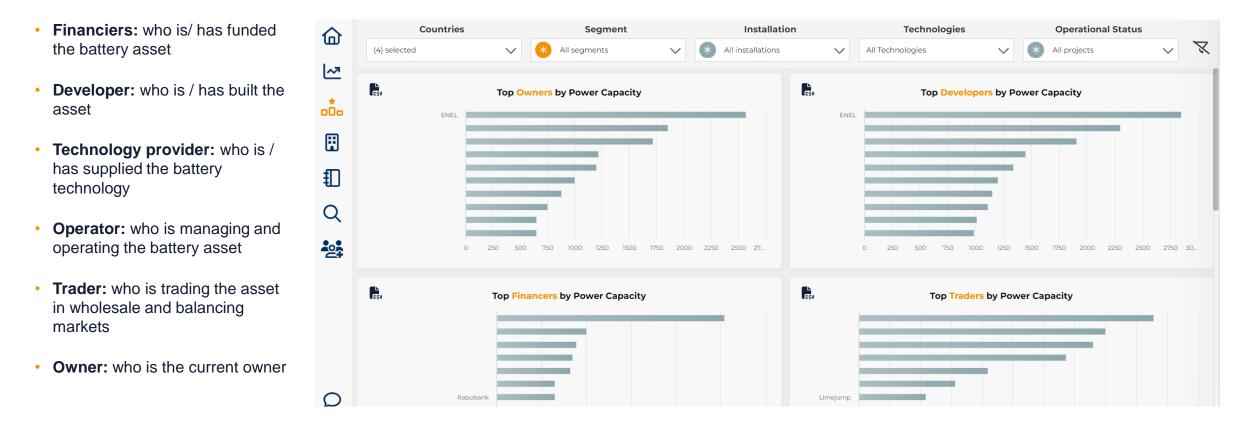
- Define geographical regions through selecting the countries of interest
- Graph aggregate trends in power capacity (MW), energy storage capacity (MWh)
- Graph the number of projects being completed
- Extract the data into Excel format





Identify key players and the role(s) they play

A detailed and up-to-date analysis of the competitive landscape and rankings for the top companies in each activity area of the energy storage business





Understand the competitive landscape and company portfolios

STOREtrack data enables deep dives into projects and company portfolios

Energy storage is a team sport – successful projects are those that bring together the right combination of assets and partners.

Identifying the right partners to work with is one of the most important decisions to get right.

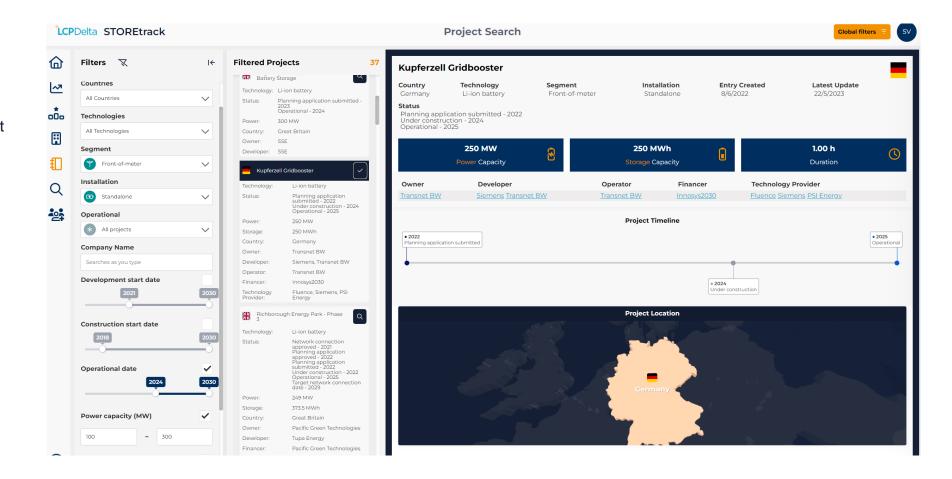
STOREtrack data enables deep dives into projects and company portfolios to support this decision making.

| [†] LCP | Delta STOREtrack | | | | Company S | Search | | | | | Global filters \Xi |
|------------------|----------------------|--------|--------------------------------|------|------------------------|----------|-----------|------------------|---------------------|----------------|---|
| ۵ | Filters 🕅 | l← | Filtered Companies | 1253 | Fluence | | | | | | |
| ~ | Company Name | | 23 Energy | ٩ | Projects involved in | Power | Storage | Location $ abla$ | Role 🗸 | Technology | Status |
| | Searches as you type | | | | | Capacity | Capacity | | | | |
| - 0 0- | Countries | | 24 Power Limited | ٩ | | 450 MW | 900 MWh | Great Britain | Technology Provider | Li-ion battery | Network connection approved - 2020 Planning application |
| 8 | All Countries | \sim | | _ | | | | | | | submitted - 2021 Planning application |
| | Technologies | | A2A | ٩ | | | | | | | approved - 2023 Target network connection date - 2025 |
| € | All Technologies | \sim | | | Kupferzell Gridbooster | 250 MW | 250 MWh | Germany | Technology Provider | Li-ion battery | Planning application |
| a | Segment | | ABB | ٩ | | | | | | | submitted - 2022 Under construction - 2024 Operational - 2025 |
| Q | * All segments | \sim | Abengoa | ٩ | | 100 MW | 100 MWh | Germany | Technology Provider | Li-ion battery | Planning application |
| 2 | Installation | | | _ | | | | | | | submitted - 2022 Under construction - 2024 Operational - 2025 |
| | * All installations | \sim | ABM AMRO | ٩ | | 100 MW | 200 MWh | Germany | Technology Provider | Li-ion battery | Initial announcement - 2021 |
| | Operational | | ABO Wind | ٩ | | 100 MW | 100 MWh | Germany | Technology Provider | Li-ion battery | Planning application submitted - 2022 Under construction - 2024 |
| | All projects | \sim | Abo Wind | | | | | | | | Operational - 2025 |
| | | | | | | 75 MW | 150 MWh | Ireland | Technology Provider | Li-ion battery | Operational - 2023 |
| | Company Role | | Acciona | ٩ | | 57 MW | 137.5 MWh | Great Britain | Technology Provider | Li-ion battery | Network connection approved - 2021 |
| | All roles | \sim | ACRESS (Application Centre for | | | | | | | | Planning application approved - 2022 |

Identify assets that require financing or are likely to be available for sale in the near term

STOREtrack identifies opportunities

STOREtrack has a user interface that allows users to filter the project data, identifying the status of projects and(for example) looking for future projects that are still in planning stage – and are opportunities for those seeking projects.





Smart searches

Answers to pre-defined, business critical questions

Pre-defined searches can be added in STOREtrack upon user request

| ⁺ LCP[| Delta STOREtrack | Smart Search | Global filters \Xi 🗚 |
|-------------------|---|--------------------------|----------------------|
| 6 | | What do you want to see? | |
| <u>⊳</u> | Companies who can trade / optimise their own projects in All Countries V | | View |
| | Companies who outsource trading/optimisation of their projects in All Countries 🗸 | | View |
| € | Companies who frequently outsource operation of their projects in All Countries 🗸 | | View |
| Q | Projects in development that Have planning permission approved V in All Countries | ✓ since 2022 ✓ | View |



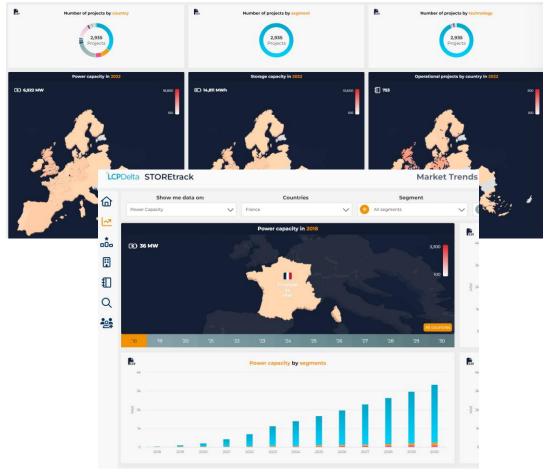
STOREtrack summary

Identifying opportunities in storage projects across Europe

STOREtrack builds on LCP Delta's comprehensive dataset tracking the status of storage projects across Europe, and allows users to deep dive into projects and answer business-critical questions

STOREtrack allows users to:

- Track aggregate trends in storage MW, MWh and duration across countries.
- Deep dive into specific projects and identify owners, optimisers, financers, grid connections and planning status.
- Map the competitive landscape through project portfolios; existing, under construction and planned projects; project roles and business development opportunities.
- Answer pre-defined, business critical questions such as "which assets are being built that do not yet have an optimiser"
- Export aggregate data and graphics to support stakeholder engagement and fundraising.
- Explore the full spectrum of battery and non-battery technologies at various scales, from grid-scale to commercial, industrial and residential.



Contact us



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About LCP Delta

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