

EV Charging Service

Insights, data, market intelligence & advice



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.

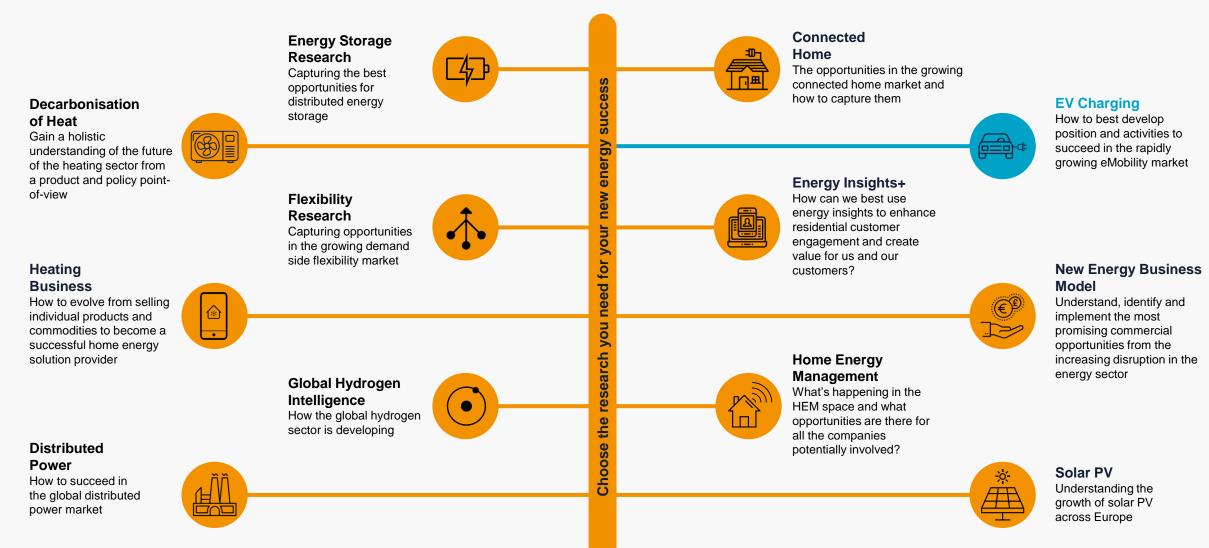


EV Charging Service Brochure © LCP Delta 2024



Subscription Research Services

Use a combination of our subscription research services, bespoke consultancy projects and training services to gather the information you need to ensure your business's success in the energy transition.



EV Charging Service Brochure © LCP Delta 2024



The European EV market is undergoing explosive growth

The opportunities are great – but the landscape is complex and rapidly evolving

~70 Million

7Vs on European roads by 2030

The growth of EVs in Europe is well underway. By the end of this decade, we expect there to be over 8 million public chargepoints and over 26 million home wallboxes installed.

>35% CAGR

Rapid growth providing plenty opportunity

But the companies that will succeed in 5 years time are those that are developing partnerships and propositions today.

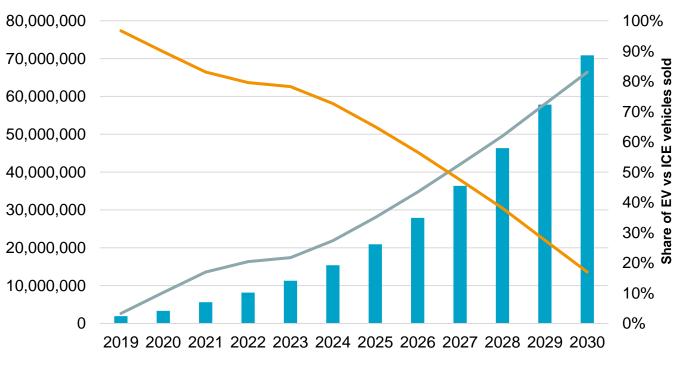
100s of players

Competitive landscape is intensifying

As the EV market takes off, we are seeing the intensity of competition escalate as companies seek differentiation, profitability and the much-prized end customer relationship.



Europe-wide EV uptake [EU+EFTA+UK]



On the road EV



EV Charging Research Service

Supporting companies develop the strategies, products and propositions to succeed

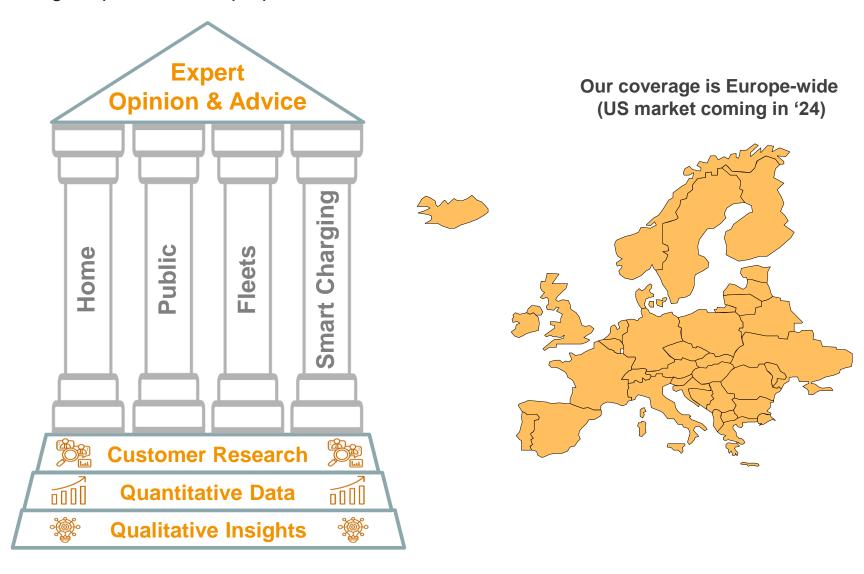
LCP Delta's EV Charging Research Service is providing market-leading insights, data and market intelligence on the European EV charging sector.

Existing clients are at the leading edge of the transition to electric transport and include oil & gas majors, utilities, network companies, car manufacturers and investors.

Our research focuses on four pillars of EV charging: **Home**, **Public**, **Fleets** & **Smart Charging**.

Subscribers have unlimited access to all our existing EV charging materials via the online portal. There are over 100+ reports and datasets available, and insights gathered from over 3,300 EV drivers across Europe.

All available to download now.





EV charging infrastructure – summary of our offerings

Research that provides expert insight and data into a rapidly emerging sector; consulting that brings indepth knowledge and commercial acumen; and training to help develop your human capital

Subscription Research

EV Charging Research Service

Market data, forecasts, business models, customer attitudes, regulations insights & opinion

Delivering monthly reports, data and Viewpoints across the European EV charging market.

Segments:

- Home
- Public
- Fleet
- Workplace
- Smart Charging
- Voice of the EV Customer

Tech & Data

CHARGEtrack

A comprehensive benchmarking tool for monitoring European public EV charging tariffs.

- Search through thousands of tariffs by CPO and eMSP with ease
- Compare tariffs on a likefor-like basis using LCP Delta's driver profiles
- Closely monitor the tariffs of competitors in real time
- Track price trends and identify new entrants and big movers

Consulting

EV Charging Consulting

- Commercial due diligence
 - Competitor analysis & benchmarking
 - Value of EV flexibility
 - Customer insights
- Market sizing & forecasts
- Strategic insight advisory
- Innovation and product management
- Policy impact analysis
- Market analysis and entry

Training

EV Charging Training

Foundation level

- Energy transition
- Introduction to fundamentals of EV charging.

Advanced level

EV charging sector training

Expert/Bespoke

 Detailed and tailored to requirements



What makes our EV charging research unique?

LCP Delta is the leading provider of market insight on the European energy transition. Our research is based on broad and deep expertise. The topics we cover are driven by subscriber interest.

Breadth and depth of expertise

Our EV Charging Service offers analysis across all of Europe, with in-depth insights, and granular market data provided for all the leading countries.

Based on primary research

Our analysis is based on insights and data gathered from our extensive network of industry contacts. We also conduct primary customer research with EV drivers and fleet managers.

Rolling research programme driven by subscriber interest

We continuously engage with our subscribers. This ensures that our research is focused on your key questions and needs.

A relationship-based service

Our team of experts is always available to answer your questions. We also have webinars, calls and on-site presentations with each of our subscribers to discuss our latest research.

Cost-effective

Subscribers receive access to €100,000s-worth of research and data for a small fraction of the cost.

Our track record

We have been immersed in new energy for over 15 years. Our team of EV experts is regularly invited to speak at high-profile events across the globe and subscribers often seek additional insight via our consulting services.



Size the European EV charging market: past, present & future

Granular market sizing and forecasts of EV charging infrastructure across all segments: Home, public, workplace

Sizing the European EV charging market and developing robust forecasts to 2030 has become an integral part of the EV Charging Research Service.

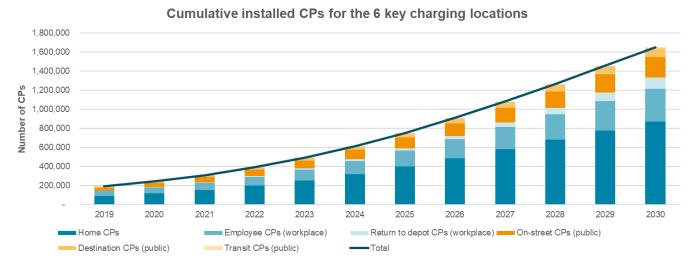
For each of the leading EV markets in Europe, we have carried out detailed market sizing of the charging sector, with segmentation by six key locations and chargepoint speeds. In all cases, we have developed forecasts to 2030.

Our forecasts are underpinned by a sophisticated market model that takes into account many 10s of market parameters. All market sizing data and forecasts are updated at least annually.

Individual country reports contain data in graphical format together with the narrative and assumptions that sit behind the forecasts.

Key locations:

- Home
- On-Street
- Destination
- Transit
- Return-to Depot
- Employee Charging



Example parameters taken into account:

- EV uptake rates
- Government policies and incentives
- Building stock, including access to off-street parking
- Chargepoint utilisation rates
- Chargepoint replacement rates
- Fleet characteristics, inc. number of fleets that are return-to-depot vs return-to-home

Helps you to:

- Understand the size of the market today
 and the expected future growth rate
- Establish your market share
- Demonstrate the scale of the opportunity to your key stakeholders
- Validate & challenge your own assumptions
- Prioritise markets and segments



Understand the EV customer

We survey EV owners across Europe to understand the EV charging products and services they are using at home and on the move

Four annual EV Owner Surveys have collected insights, data and opinion from over 3,000 EV drivers across NINE (and growing) European countries.

We asked EV owners...

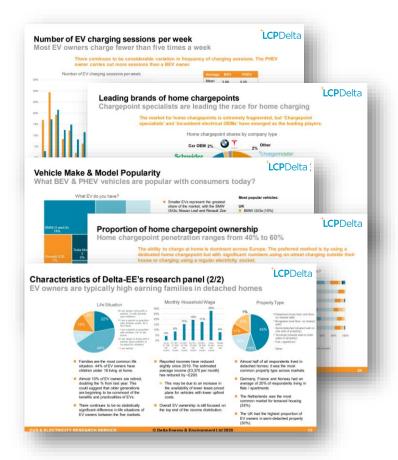
Over the past four years, we have been surveying EV drivers – both BEV and PHEV - across Europe to get 'under the skin' of the products and services they are using to charge their EVs.

In particular, this helps us to understand how EV drivers are charging their EVs at home: Do they have access to off-street parking? Are they using a dedicated home chargepoint? If so, is it internetconnected? What brand? Have they changed to an EV tariff that provides cheaper electricity at different times of day?

Across four annual surveys – the most recent conducted in March 2022 – we have collected responses from over 3,000 EV drivers in eight countries.

Helps us to understand:

- Number of home wallboxes installed per country
- Market shares of the leading home wallbox manufacturers
- The percentage of home wallboxes that are smart / connected
- Typical charging mix: Home vs Public vs Workplace
- The appeal of smart charging propositions
- The sales channels EV owners are using to procure their home wallboxes
- How the charging and purchasing habits of EV drivers changes from country-to-country and over time as EVs become more mainstream
- Many other insights...

























Market Data & Forecast: EVs & Chargepoints

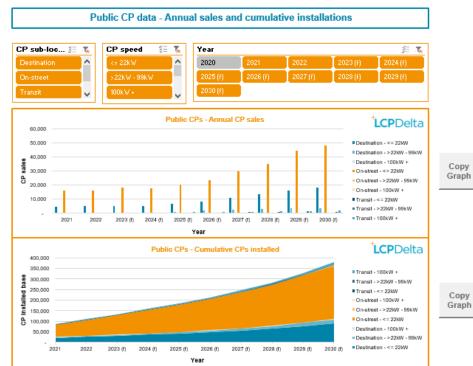
Example screenshots of Forecast Database (Netherlands data)



416,330

471,539 2,279,872

Grand Tot. 1,392,003



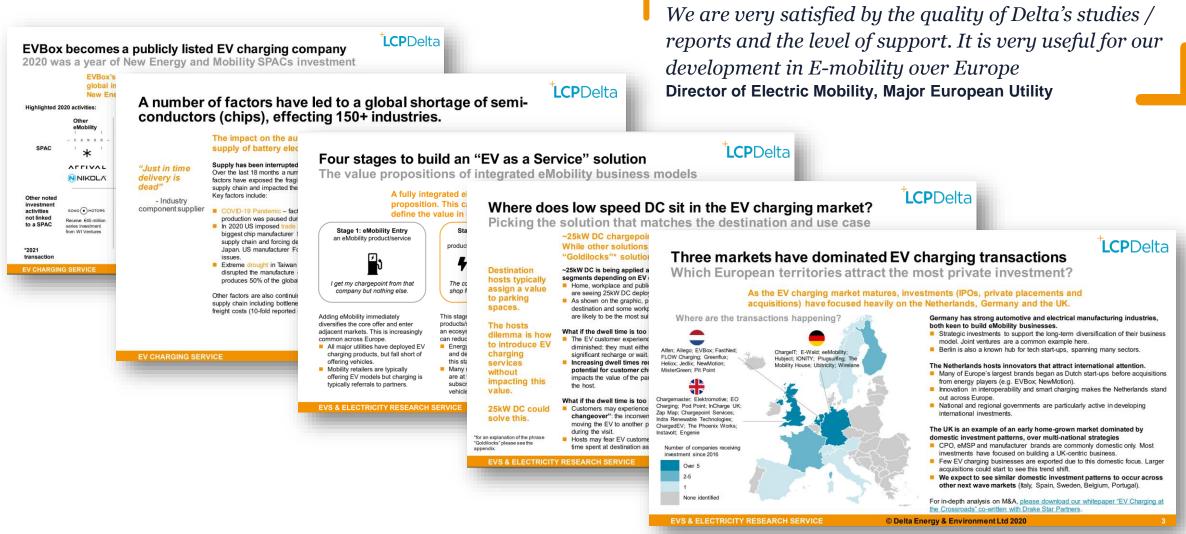
Datasets are easily searchable. Slicers can be used to pull out the specific data you need. Data tables can be copied and pasted to use for your own (internal) needs.

	Netherlan 🗷												
CP location Annual CP													
	■ Destinat	ion >22k ∀ - 95 10	00k¥ •	Destinatio		et >22k V - 95 10	00k¥ •	On-street	■ Transit <= 22k¥	>22k¥ - 95 10	10k¥ •	Transit To	Grand Tota
2021	4,795	71	63	4,929	16,161	27	-	16,188	-	443	281	724	21,841
2022	4,963	123	64	5,150	16,201	28	-	16,229	-	289	290	579	21,958
2023 (f)	5,041	218	81	5,339	18,063	31	-	18,094	-	304	426	730	24,163
2024 (f)	5,350	562	86	5,998	17,764	34	-	17,798		330	523	854	24,650
2025 (f)	6,743	1,075	114	7,933	20,387	50	-	20,437		412	704	1,116	29,486
2026 (f)	8,482	1,771	148	10,400	23,427	72	-	23,499	-	520	913	1,433	35,332
2027 (f)	10,885	2,619	197	13,702	29,978	114	-	30,092		688	1,166	1,853	45,648
2028 (r)	13,665	3,269	238	17,172	34,744	153	-	34,897		785	1,407	2,192	54,261
2029 jrj	16,128	3,323	259	19,710	44,188	158	-	44,346	-	1,204	1,617	2,821	66,877
2030 jrj	18,131	3,605	292	22,028	48,005	167		48,172	-	1,192	1,792	2,984	73,183
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Insights and opinion on the latest hot topics

In-depth reports and opinion-led 'Viewpoints' help you get under the skin of the EV charging sector and understand the 'so what's' for you.



Contact us





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About LCP Delta

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