

# ZERO EMISSION VEHICLES AND CHARGING INFRASTRUCTURE

## OVERVIEW

There are few global sectors experiencing double digit growth in these challenging times, e-mobility and charging infrastructure is one such sector. Driven in part by technology changes, the sector's rapid growth is also policy driven. The electrification of transport is largely expected to drive us on the journey to a net-zero future with e-mobility and associated charging infrastructure playing a key role in sustainability. How people and goods travel has been evolving, fuelled by converging technological and social trends resulting in the emergence of new ecosystems of cleaner mobility.

## POWER UP

### Igniting Investment Opportunities on the Journey to Net Zero

The decarbonisation of transport and its associated infrastructure is driving us toward a sustainable, net zero future. We fuse deep sector knowledge with legal and regulatory advice to generate investment opportunities for our clients in the e-mobility economy.

## HOW WE HAVE HELPED CLIENTS

The current rapid growth of e-mobility adoption is driven by many factors – all of which provide opportunities and potential challenges to our clients. These include:

- falling battery prices;
- price parity with conventional combustion vehicles;
- growth in two-wheeled e-bikes/e-scooters for last mile urban mobility;
- micro-mobility solutions for last mile delivery in urban settings;
- clean air zones;
- greater choice of consumer zero emission vehicles (ZEV);
- availability of open access public rapid ZEV charging;

- ZEV buses;
- electrification of ride sharing platforms;
- incentives for virtual power plants in bi-directional vehicle-to-grid cars; and
- electrification of road freight driven by total cost of ownership and increased utility of autonomous vehicle platforms.

Our clients recognise and value our deep sector knowledge in this emerging high-growth sector.

BCLP advises all key players across the e-mobility and charging infrastructure sectors – advising investors, real estate developers, energy suppliers, supply chain OEMs, MaSS providers, technology suppliers and technology platforms. We fuse our deep sector experience with our legal and regulatory advice adding value to clients in the e-mobility sector.

BCLP is an active member of the ZEV and electro mobility sector, proudly sponsoring [World EV Day](#) and the [EV Summit 2021](#), and has many clients and contacts working within and adjacent to this emerging market, including our work in the real estate, logistics, manufacturing and infrastructure sectors.

We have worked on some of the largest e-mobility deals in the market, navigating complex commercial and legal issues, helping clients raise start-up capital and assisting large corporates enter the e-mobility market through acquisition and joint venture arrangements.

We truly understand and are passionate about the adoption of electro mobility solutions, working with truly talented and entrepreneurial clients who are contributing to a global industry in transition.

## MEET THE TEAM



### Mark Richards

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## RELATED PRACTICE AREAS

- Zero Emission Vehicles & Charging Infrastructure
- Energy & Natural Resources
- Renewables

## EXPERIENCE

- **RAW Charging Group** – Advised on a substantial investment by Antin Infrastructure Partners to support RAW's £250 million electric vehicle (EV) charger installation plan.
- **RGreen Invest** – Advised on a partnership with NW Groupe raising €300 million to become the first French unicorn of the energy transition, valued at €1.5 billion, accelerating deployment of high-powered electric charging stations and JBoxes for energy storage.
- **EDF Energy** – Advised on EDF Energy's acquisition of Pod Point, a major EV charging company.
- **Engenie** – Advised Engenie, the funder and operator of one of the UK's largest and fastest-growing open access electric vehicle rapid charging infrastructure, on multiple sites including on the launch of Transport for London (TfL's) first open access EV rapid charging hub at Stratford International Station.

- **Pensana Rare Earths** – Advised Pensana on its admission to the Official List of the FCA (Standard Segment) and to the Main Market for listed securities on the London Stock Exchange. Pensana, which is also listed on the Australia Stock Exchange ("ASX"), focusses on Neodymium and Praseodymium, collectively known as NdPr. These rare earth metals are well-recognised for their long-term success in the heavyweight automotive and industrial power industries, with demand for NdPr expected to double by 2025. Pensana is focussed on developing the Longonjo project in Angola, an area with some of the largest deposits of high grade NdPr in the world.
- **Tesco** – Advised on our client's strategic partnership with Pod Point and Volkswagen (VW) for the largest roll-out of EV charging infrastructure in the UK to date within UK supermarket car parks. This project will see our client become one of the main providers of electric vehicle charging services in the UK. As part of this arrangement, we are also advising on the sponsorship (in the form of branding and electric vehicle charger media screen content) of the electric vehicle charging network by a third party. We advised on the installation of an electric vehicle charging network, under which nearly 2,500 chargers will be installed at retail stores across the UK. This is a strategic and high-profile project, which has been reported on in the press at regular intervals.
- **US based lithium-ion battery manufacturer** – Advised a US based battery technology manufacturer on a joint venture to create significant global battery manufacturing facilities through a strategic industrial joint venture, including joint venture terms, capital structuring and governance arrangements.
- **Hydrogen bus fleet** – Advised a hydrogen industrial gas distributor and asset supplier on their contractual arrangements with Transport for London (TfL) to supply hydrogen and associated services to fuel TfL's 20 hydrogen-fuelled bus fleet, as part of London's commitment to be a zero-carbon city by 2050.
- **Car sharing platform** – Advised a UK based car sharing and e-mobility platform operator from its inception. The car sharing platform has partnered with an internationally recognised OEM to offer over 700 cars becoming one of the largest global leading free-floating car sharing provider.
- **Fortune 500 vehicle rental business** – Advised a Fortune 500 vehicle rental business on EV car sharing and alternative car ownership business models for the roll-out to condo and real estate developments.
- **Venture capital fund** – Advised an award winning venture capital fund on its bid to the UK Government as co-investors in the set-up and management of the £400m UK Charging Infrastructure Investment Fund, which will support businesses to build electric vehicle charge points around the country.

- **Global energy supplier** – Advising a major energy supplier on a number of bids to local UK municipal authorities for concessions for the roll-out of electric charging infrastructure, including rapid charging stations and new innovative “on-street” residential charge points.
- **Car sharing platform** – Advised a UK based car sharing and e-mobility platform operator from its inception. The car sharing platform has partnered with an internationally recognised OEM to offer over 700 cars becoming one of the largest global leading free-floating car sharing provider.
- **Northzone** – Advised as lead investor on Tier Mobility’s Series A financing round for a Berlin based start-up on its plans to expand its rental platform for electric scooters across Europe after the successful launch of Tier Mobility GmbH in Vienna, earlier in October 2018. The company has developed a rental platform to provide electric scooters in urban areas.
- **Frazer-Nash group companies** – Acted for two Frazer-Nash group companies in legal proceedings against The London Taxi Company (LTC). The High Court ruling, passed down on Wednesday 20 January, means that our client’s electric zero-emissions capable taxi, providing revolutionary environmental benefits for London, can now go into production.

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