

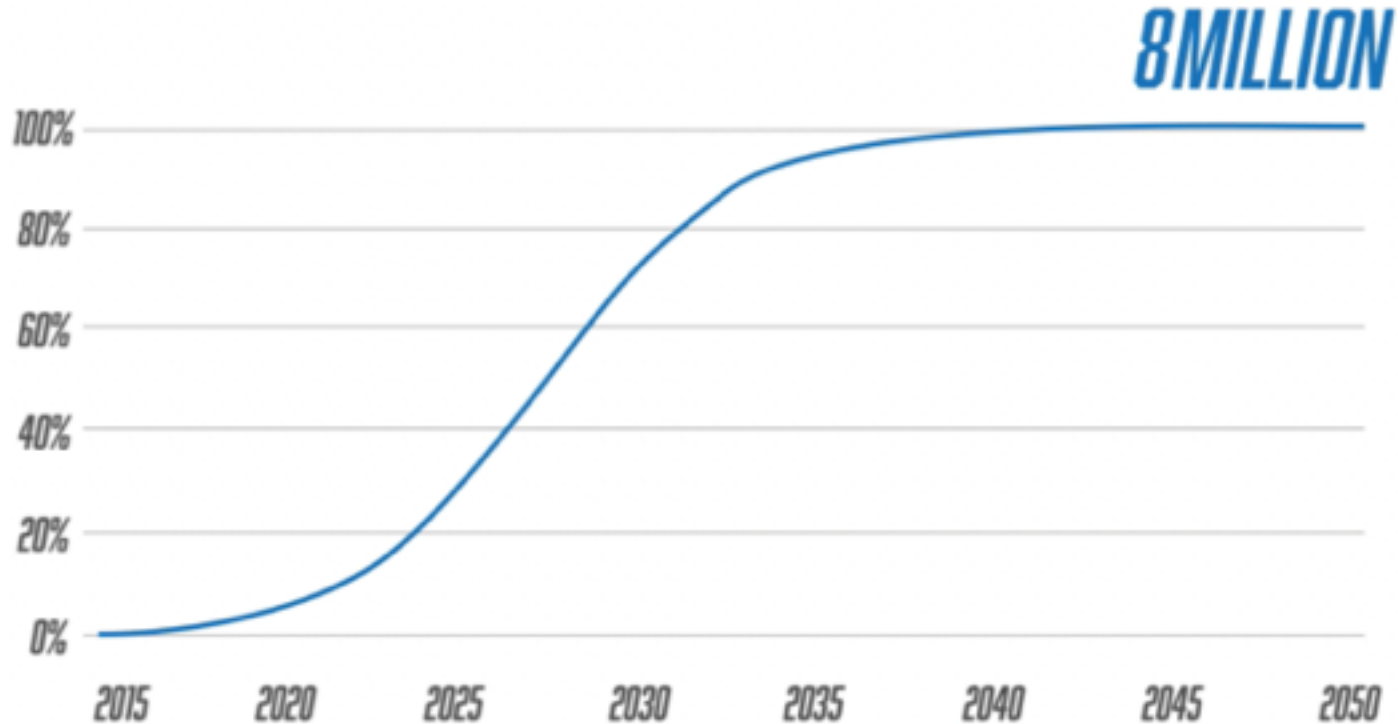


For Video:

www.trojanenergyltd.com

How fast will EV adoption happen?

UK ELECTRIC VEHICLES PARKING ON STREET (DNVGL)



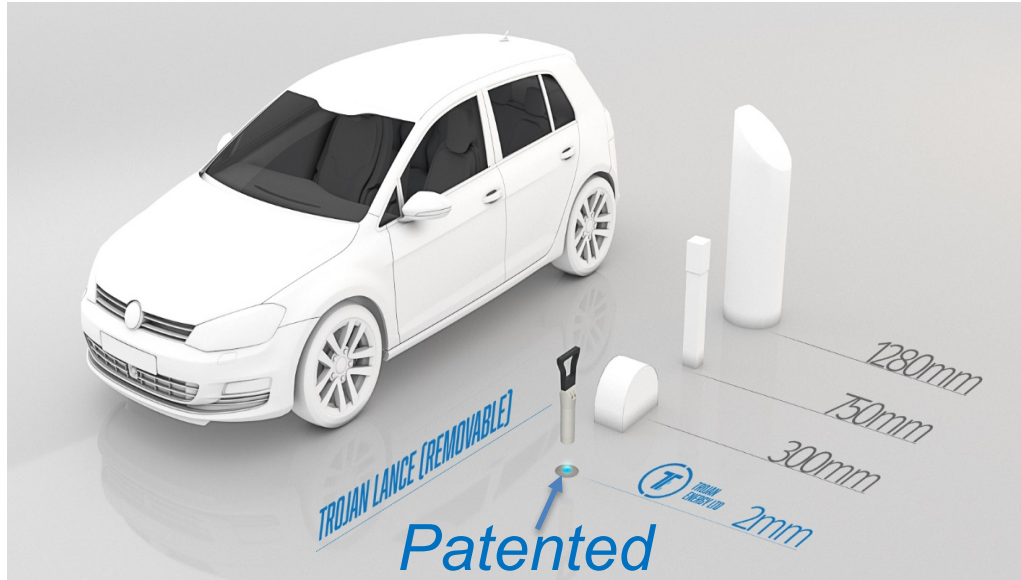


Our Key USP – Flat and Flush Connector

UK Patent Application

No. GB1810618.7

Published



We have applied for an International patent (PCT) No. PCT/GB2018/051809

Advantages

- 22KW Fast Charging
- No planning requirement
- Grid Balancing
- **Foundation for EV to grid**
- Foundation for wireless charging
- Contactless plug and charge (requested by Tesla)



Market Traction & Validation

Awarded - Electric vehicle charging for public spaces feasibility study

Who's on our team:

- The UK's biggest Council – **Birmingham**
- London's most EV engaged council – **Brent**
- UK's biggest DNO (electricity distributor) – **UKPN**
- The UK's leading Low Carbon consultancy – **Element Energy**



Timeline:

- Q1 2019 – Feasibility Study – Including multicar demonstration at PNDC
– Bid for up to £2.5MM funding for on-street trials (70% funded by OLEV)
- Q2 2019 – OLEV on-street trial Award
- 2019 to 21 – Install large scale demonstration trial



Founders

Ian Mackenzie – CEO

Chartered Engineer, 20 years leadership and project management within UK Oil Operators.

Hugh Mackenzie – COO

Engineer and founder of two successful start-ups within UK Oil and Gas Industry.

Sandy Thom – Technical Director

20 years experience as electronic, controls and software engineer.

Ashley Thomson – Design Director

20 years + product design and innovation engineer, several successful patented products.



Current Investment

- £225,000 (Founders, OLEV, Scottish Edge)

What we are looking for

- £1.25M starting June 2019 to 2021 for £2.5M on-street trials (200 charge points)
70% funded by OLEV
 - £0.75MM for trial
 - £500,000 for mass manufacturing design, testing & certification, and Trojan Team to 2021.

Typical Exits

- Chagemaster (6000 charging points), £130MM exit

Key Numbers & Monetisation

- EV Annual Cost of Ownership over £1000/yr cheaper vs ICE by 2024 (Businessgreen)
- £2000 fully installed cost/connector
- Monetisation through:
 - Subscription approx. £500/yr
 - EV 2 Grid approx. £300/yr
- Market Size 2030:
 - 8MM cars UK, 80MM Europe

