

Experience Bank
Call Out Presentation



CrowdHouseTM
ENERGY

About Us

- CrowdHouse Energy is a leading UK-based clean tech company supporting energy transition offering premium onsite renewable energy solutions, engineered for the urban environment, bringing 100% green energy to where it is needed, at a fixed cost.
- CrowdHouse Energy achieved a pre money valuation in 2022 of £10.4M, supporting the share price of £104 per share.
- Launched our innovative Bifacial solar parking canopy - Helios Volt® in 2021.
- Nominated as a finalist for Product of the Year 2023 by Net Zero Edie Awards.

◆ Corporate Identity

- ◆ **Mission Statement:** To empower businesses towards decarbonisation through the provision of premium onsite solar renewable energy solutions.
- ◆ **Vision Statement:** Delivering cutting-edge renewable solutions for sustainable businesses.
- ◆ **Values:** Innovation, High Standards, Collaborative, Sustainable and Bespoke.



The Problem

- Governmental mandate to reduce carbon.
- Reduce emissions by up to 78% by 2035.
- Energy prices to remain at least 40% higher than pre pandemic levels for the next decade.
- The UK Renewable Energy Market is set to increase from £23 Billion in 2023 to £46 Billion in 2035



- c.16% of power is imported from outside of the UK.
- Outage risks - Important French-UK power cables recently burned out.
- The UK currently imports energy from 5 different EU countries.
- Volatility of supply threatens market stability.

- Grid stability - The result of consumers and businesses transitioning to new forms of energy.
- Green transportation and low carbon heating will double grid demand for electricity.



Our Solution

Helios Volt® is the world's most powerful and progressive Solar PV Parking Canopy system. An easily installed modular bifacial PV system for commercial properties to self-generate green and sustainable energy.

Helios Volt® offers

- On Site Renewable Energy from 6 pence per kWh
- Reduce daytime grid energy demand by offsetting with onsite Solar PV generation.
- Robust Business case with short payback periods and strong ROI's
- 30-year linear power warranty, providing surety of supply.
- ESG compliant, aligning with global environmental responsibility.



Helios Volt[®] 3 Bifacial variations

Freestanding Kentledge



Project Delivery 70% faster
than conventional methods

Permanent Foundation



Plug and Play modular design
Quality assured delivered to site

Multi Storey Car Park



Seamless integration with
existing parking structure.



Value Proposition

Helios Volt® **Unique Selling Propositions** keeps the product miles ahead of would-be competitors, maintaining our position as market leaders.



Rapid Deployed Self Ballasted Canopy Structure



Factory assembled powerful Bifacial Hypernova™ Modules



Microgrid Controller with state-of-the-art Energy Storage systems



Direct DC power for on-site EV Charging Consoles



Integrated Digital Advertising Displays for targeted marketing.



Sector-Agnostic Solution

Helios Volt® is a solar PV power system that has been specifically designed to integrate easily into existing urban surface parking assets.

The product is sector agnostic and has the potential for global appeal with UK, European and Southeast Asian entities already sounding an interest.



Shopping
Centers



Supermarkets



Carparks



Factories



Healthcare
Facilities



Hospitality &
Entertainment
Venues



Aviation
Hubs



Market Size



UK Opportunity

£14 Billion

France Opportunity

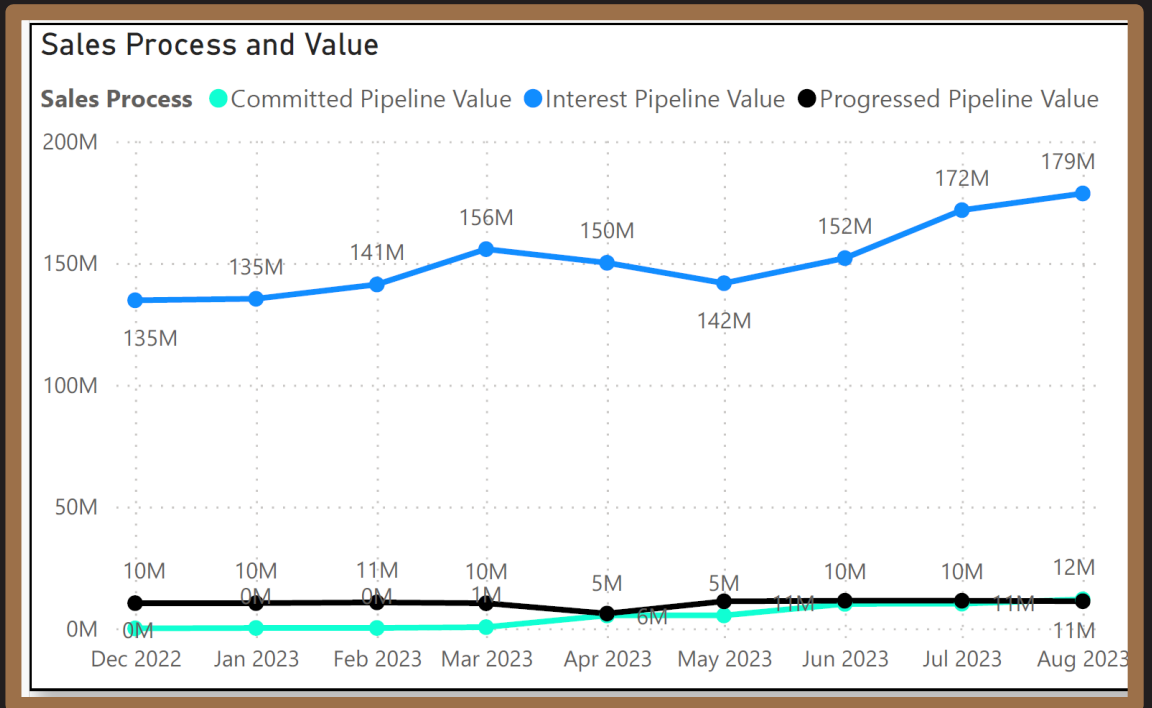
£21 Billion



Sales Pipeline

Our strategic marketing efforts have successfully generated a robust pipeline of sales leads across various sectors, showcasing the depth and diversity of our customer base within each sector.

- **Robust Installation Pipeline:** Anticipated outcomes of £5.8 million within the next six (6) months.
- **Advanced Project Progression:** Projects totalling £17.1 million moving through LOI and PO phases.
- **Pipeline of Interest:** Total pipeline of interest in excess of £250m.



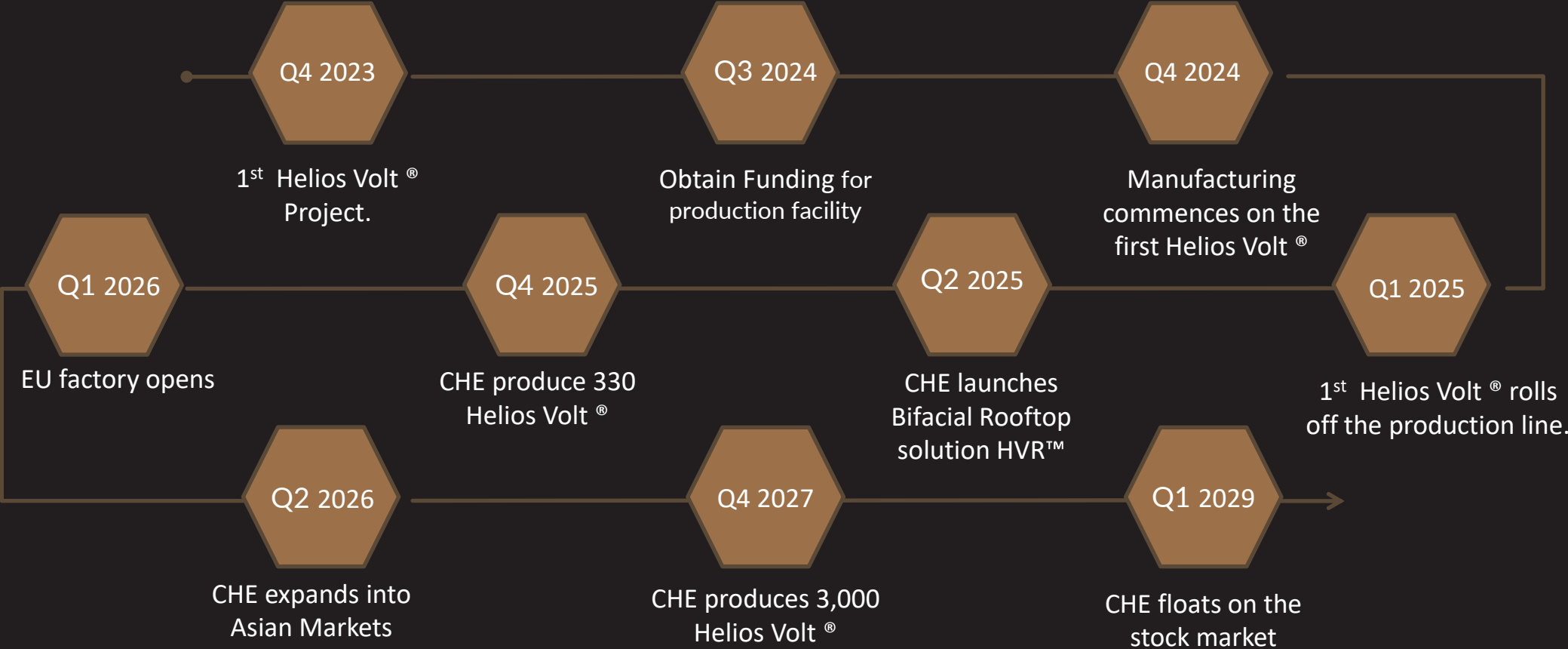
Revenue Model & Existing Clients

Our business model has **four main revenue** streams with the projected yearly averages of:

1. **Design and consultancy** – c.£960k revenue per annum.
2. **Rooftop and ground mount installations** – c.£2 million revenue per annum.
3. **Helios Volt® parking canopy systems** – c.12 million revenue per annum from year two.
4. **Systems Operations and Maintenance (O & M)** – c.£250k revenue per annum, increasing year on year.



Growth RoadMap



Leadership Team



Richard Blackwell
Founder & CEO

- 16 years of complex project delivery experience.
- 7 + years in strategic development and infrastructure projects (£2m to £150m)
- Member CAA Dip and
- ICIQB (Chartered Institute of Builders)



Douglas Blackwell
Co - Founder & BDO

- 35+ years in Agri-fuels, wind, and solar.
- Designed the first Colour blast commercial project in Europe.
- Level 3 Building Information Modelling.
- CPD on Modular Construction



Dr Fangbo Lui
Senior Technical Manager

- 2+ years of design engineering overseeing intricate PV designs
- Ph.D. in Electrical Engineering
- B.SC & MSC in Electrical Engineering
- Key contributor to the development and perfection of Helios Volt®



Sharan Venkatesh
Production Manager

- 6+ years of automation programming, software proficiency, and warehouse operations.
- B.SC in electronics and MBA instrumentation.
- Champions strict compliance with industrial standards



Roseline Nkanta
Operations Manger

- 15+ years of business development, project management, and strategy. And operations
- B.SC in Economics and MBA
- Drives operational excellence, risk mitigation and profitability.



Why Us: Secret Sauce



Patent applied for GB 2211304.7 and *International Patent Cooperation PCT/GB2023/052066* will protect the freestanding, modular and bifacial elements that make Helios Volt[®] uniquely powerful, flexible and deployable.



We're innovators, working closely with trade associations like; British Parking Association and industry experts like; Siemens PTI and Urban Foresight



4 years of product development, working with electrical and structural engineers, EV industry experts, ecologists to create a product that maximises opportunity.



A team with over 35+ years of experience in renewable energy and alternative fuels and 16+ years' experience in delivering complex projects.



Key Expertise Required

B2B Sales Strategist: to offer strategic guidance on B2B sales, effective customer onboarding, retention and effective growth of sales pipeline.

Financial Strategist: to guide CHE on long term financial planning for growth and to maximise investment opportunities.

Chief Growth Officer: strategic guidance to facilitate CHE's transition from a 'startup' to the 'growth stage'. Providing insights in implementing changes in processes, culture and overall organisational development.

