

Company Pitch Deck

Innovating Solutions for a Sustainable Future.

Presented by:

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Problem Statement

37.4
billion tonnes

37.4 billion tonnes of CO₂ was released into our planets atmosphere in 2023 and is still increasing by 1.1% year on year.

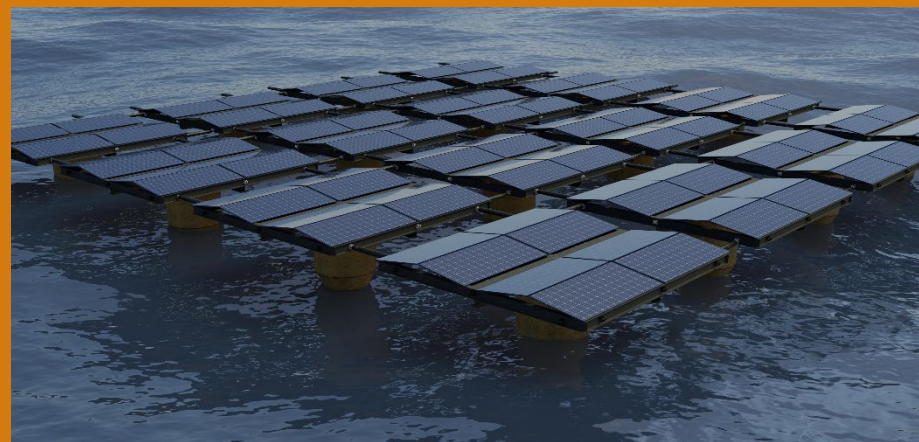
75.7%

The energy sector (including transportation, manufacturing, and buildings) accounts for about 75.7% of global emissions. 34% is caused just from generation making it the largest single source of CO₂ emissions globally.

Solution

Offshore Solar transforms unused ocean space (targeting dead zones first) into sustainable power plants that generate clean electricity while enhancing marine ecosystems through integrated seaweed forests, delivering multiple green revenue streams from a single installation.

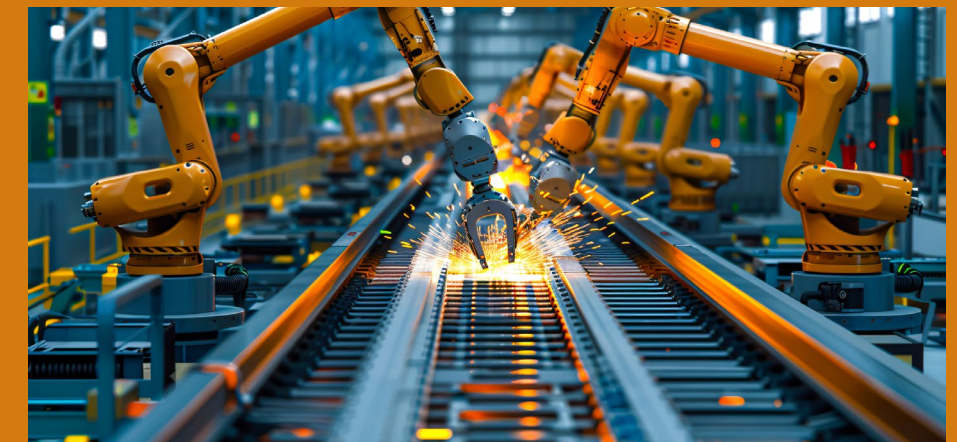
Key benefits include:



Cost effective clean
energy



Regenerating our
oceans



Ultra fast
deployment

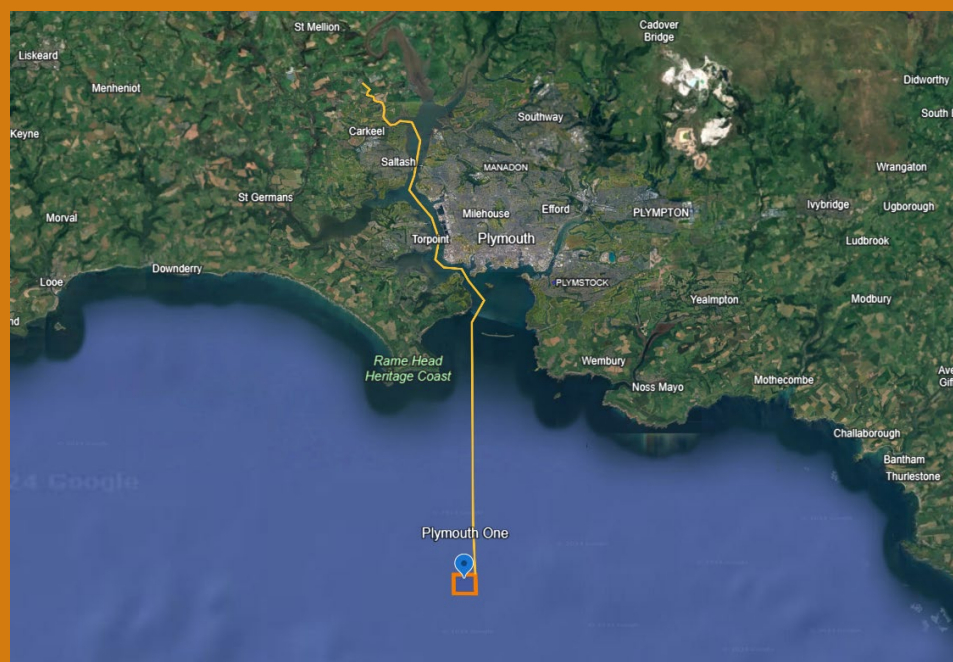
Traction

2.3MW Floating Offshore Solar Farm;

- £3,418,730 initial investment
- £350,000c annual revenue

Hooe Lake, Plymouth – Owned by the Duchy Estate, the Duke of Cornwall, HRH Prince William

PPA Secured with Southwest Water and export connection



Humber PV One – 50MW

Annual Electricity: 50,075MWh/Year - £7,010,500avg

Annual BioGas: 142,800kg - £84,164avg

Annual Biomass: 333 tonnes - £58,275avg

Annual Carbon Offsets: 21,031 tonnes - £1,577,325avg

Annual Biodiversity Credits: £15,000avg

Total Combined: £8,745,264

Humber PV One – 300MW

Annual Electricity: 308,450MWh/Year - £26,218,250avg

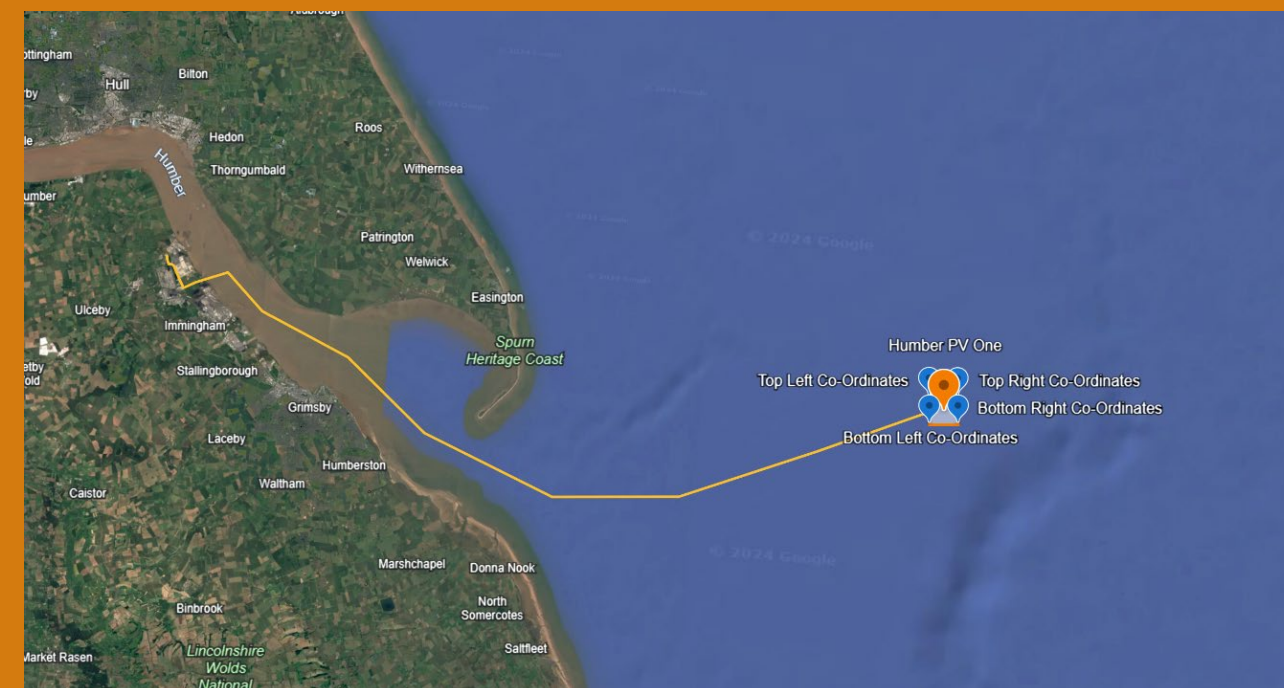
Annual BioGas: 856,800kg - £505,255avg

Annual Biomass: 2,000 tonnes - £350,000avg

Annual Carbon Offsets: 126,189 tonnes - £9,464,175avg

Annual Biodiversity Credits: £90,000avg

Total Combined: 36,627,680



Market Opportunity

TAM: An annual investment of \$2.7 trillion dollars is needed in new renewable energy development. That's a total of \$70.2 trillion between now and 2050. (Reuters)

SAM: 66% of all newly installed renewable energy developments were solar PV. 66% of \$70.2 trillion is \$46.3 trillion. (Solar Power Europe)

The Global Wind Energy Council said that 7.1% of global wind installations were offshore. Using the same conversion rate, the SOM for offshore solar is \$3.3 trillion between now and 2050. That's circa 2,200 Gigawatts of offshore solar systems.

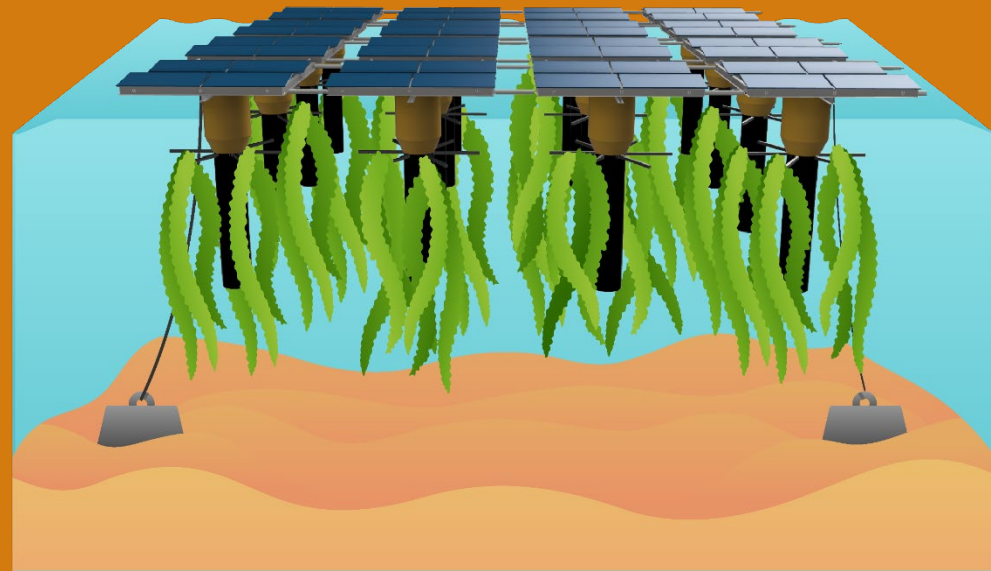
\$3.3 trillion



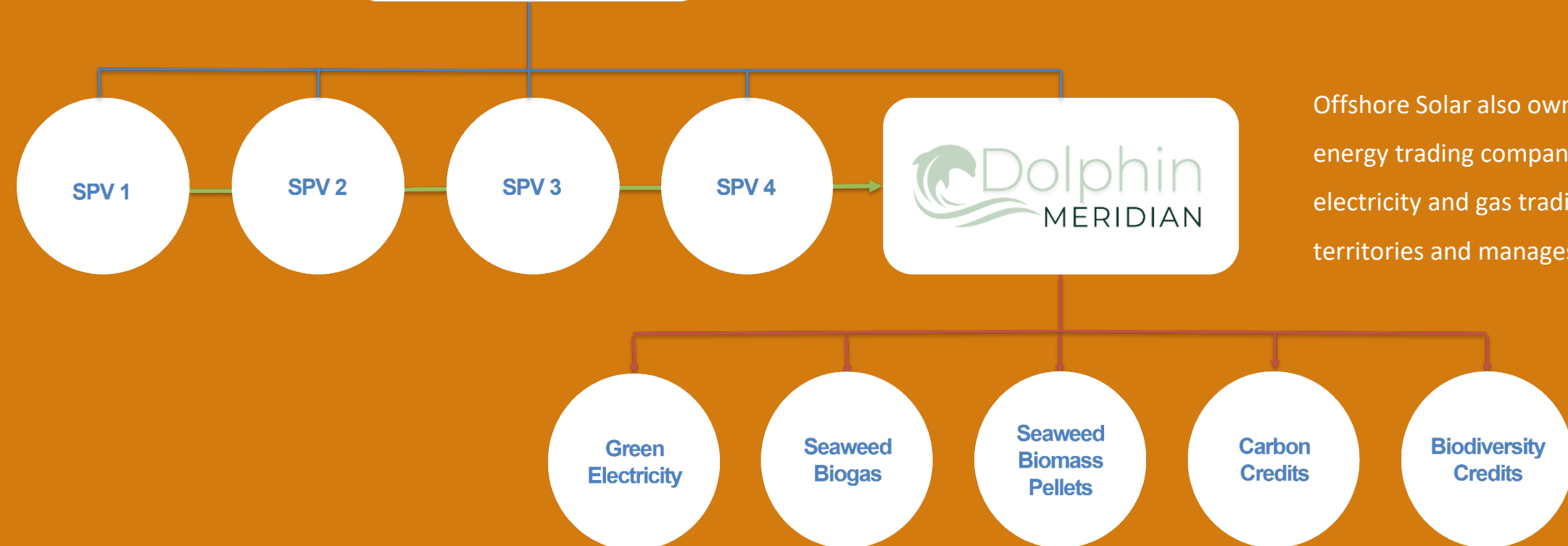
With a global perspective, our company has the ambition to supply to everyone but focusing on 6 main territories; UK, Europe, America, MENA, South & South East Asia.

6 Target territories

Business Model & Structure



Offshore Solar is an asset management company who owns SPV companies which holds its own floating offshore solar & seaweed farm technology.



Offshore Solar also owns Dolphin Meridian, an energy trading company that establishes electricity and gas trading desks in the different territories and manages the sales transactions.

Our revenue streams;



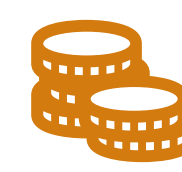
Green Electricity: Direct power purchase agreements & peak energy trading with flexible power supply during peak demand - £120/MWh with 100% margin (Cost: £60/MWh)



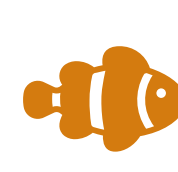
Seaweed Biogas: Renewable methane from seaweed cultivation - £101/MWh with 93% margin (Cost: £7/MWh)



Seaweed Biomass: Seaweed digestate from biogas production is dried and pelletised to create biomass pellets - £55/ton with 93% margin (Cost: £4/ton)



Carbon Credits: Verified emissions reduction and carbon sequestration certificates - £75/credit with 87% margin (Cost: £10/credit)



Biodiversity Credits: Verified marine ecosystem restoration benefits - £100/credit with 90% margin (Cost: £10/credit)

SDG Goals



We focus highly on 6 of the UN's 17 Sustainable Development Goals

A deep dive into Goal 14

- We grow native seaweed to absorb carbon and provide a natural habitat for local marine life.
- We use AI to continuously collect the data to measure the impact our system is having on the environment.
- We will share this data with marine conservation groups and government bodies to improve planning and for our future deployments.
- Seaweed provides 70% of the Earth's Oxygen.

Production

Advanced manufacturing within the Humber Freeport Zone.



Freeport Zone offers;

- Business rates relief for 5 years
- Duty free on imported and exported goods from the UK
- Staff National Insurance relief
- Dockside loading for UK & Europe reach



Automated robotic manufacturing offering tireless mass production



Lean skilled workforce for programming and engineering



Net-zero production offering a product with neutral embodied carbon and complying with the 2050 objective

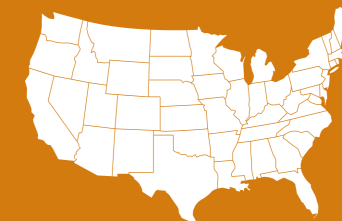
A temporary factory will be set up to start manufacturing Humber PV One. This will enable us to learn what we truly need and calculate our strategy more accurately when building our permanent factory.

This will cost £7m and the majority of this cost will be transferred to the permanent factory on completion

The temporary factory will be in the custom-free zone in the Port of Hull with Associated British Ports (ABP)

The Bigger Picture

we want to replicate our manufacturing operations further afield.



The USA - The Americas have significant opportunity and the far west is an area where the viability of shipping from the UK is difficult. Having a factory in the US is our goal and to set this up within 3 years lead by opportunity up and down the Americas.



UAE (Abu Dhabi) - The Middle East covers a large area of opportunity with India & China being one of the largest energy consumers and Africa being massively CO2 intensive due to the individual islands and lack of modern resources. Having a factory in Abu Dhabi enables us to service the entire Middle East, South and South East Asia and North Africa. Our goal is to have this set up within 3 years.

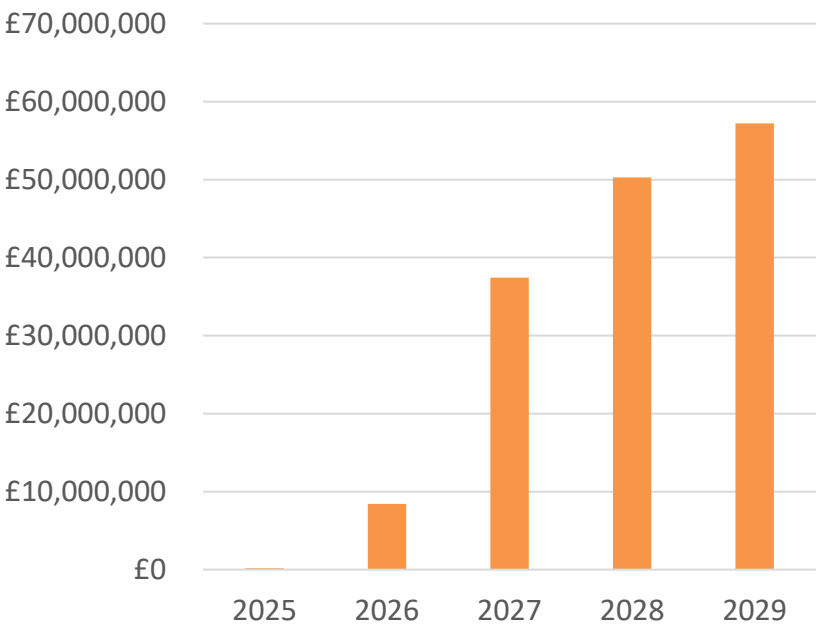
Financial Projections



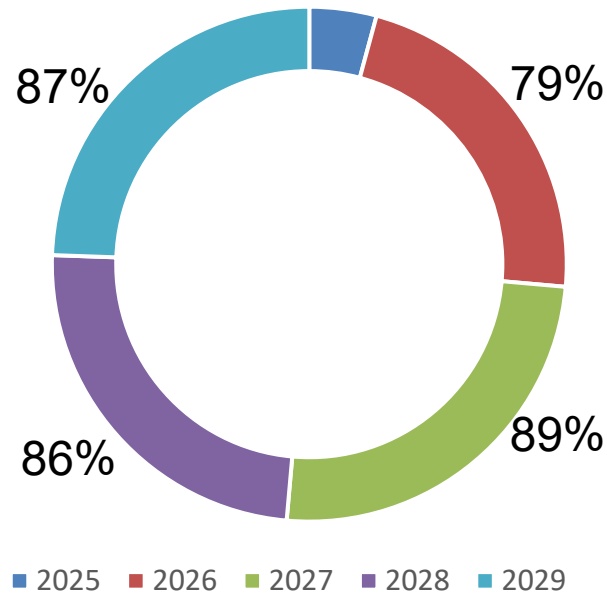
The financial projections show that Offshore Solar will make a steady increase in revenue and assets as the company grows in the next 5 years showing a balance sheet valuation of over £800m

Financial Projections

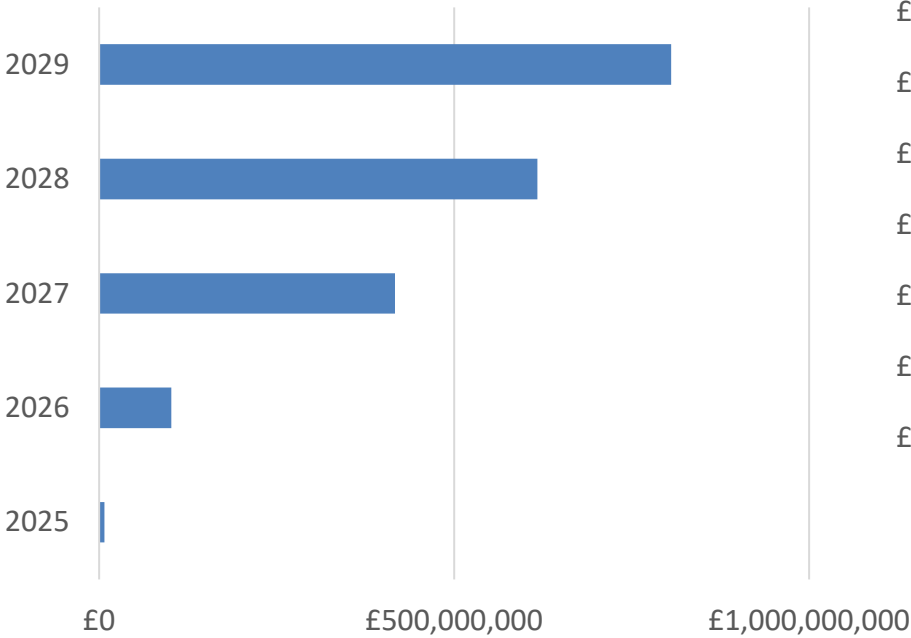
Projected Revenue



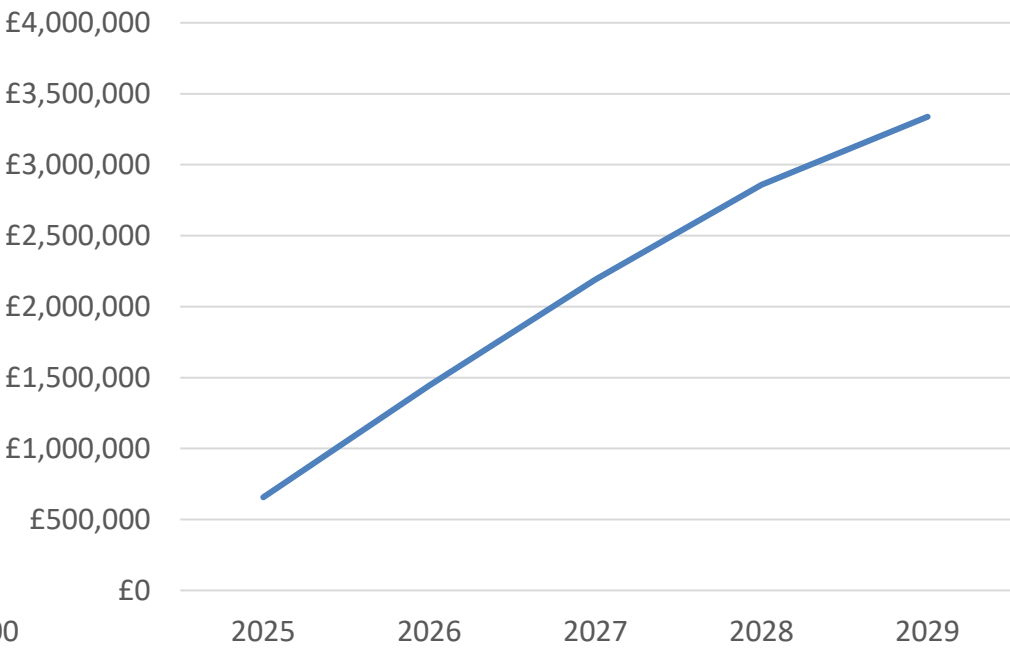
Anticipated Profit Margin



Balance Sheet Value



Operational Costs



The Team

Board Team



Sean McNeill
Founder & CEO

Experienced entrepreneur for over 10 years with a wealth of knowledge in solar, energy storage & green gas technology and markets.



Paul Hetherington
Chair & Investor

BA(Hons), MBA, FIoD
Highly experienced Chair, CEO, Non-Executive Director & Trustee



Rich Harland
CCO

A well-experienced Commercial Officer with vast experience in the energy sector around project viability, fund raising and stakeholder engagement.



Shaun Stapleton
Land & Infrastructure Director

35 years in Property Development, land & planning & Community Engagement. Shaun manages all the onshore and infrastructure development.

Operations Team



Pete Wright
Head of Operations

20 years in operations, logistics and supply chain for global manufacturers and third party logistics companies



Becki Jarvis
Chief Science Officer (Marine)

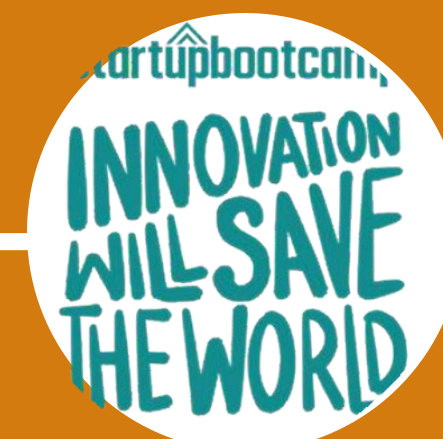
Masters in Marine Biology. Ex MMO employee for 5 years and experience in bid writing & community engagement



Kitty Stack
Business Development

Excellent networker with great sales skills. High level of persistence, strategy sales and marketing

Shareholders and Advisors



Startupbootcamp NL
Partner & Mentor

Global organisation and Europe's Largest Accelerator recognised by Financial Times



Nick Palmer
MEng (Hons) CEng
CMarEng FIMarEST

Chartered Naval Structural Engineer for 20 years.

Conclusion



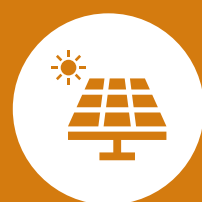
Deep Water

Designed and tested for depths up to 100m with wave heights of up to 9m, resulting in us being able to install our system in most places



Seaweed

A symbiotic relationship between our farms and the life underwater by offering shelter and nutrients to marine life and reversing the impact of climate change on our oceans.



Modular

Modular in design so we can deploy and scale our power plants quickly and efficiently allowing us to react to the global demand



Flexible

Due to the scalability of our systems, we can be flexible to our customers and offer tailored services to clients; for example private power plants for large clients or grid-tied PPAs for smaller clients so they can securitise their energy.



“We welcome your questions and feedback.”

Please reach out at

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