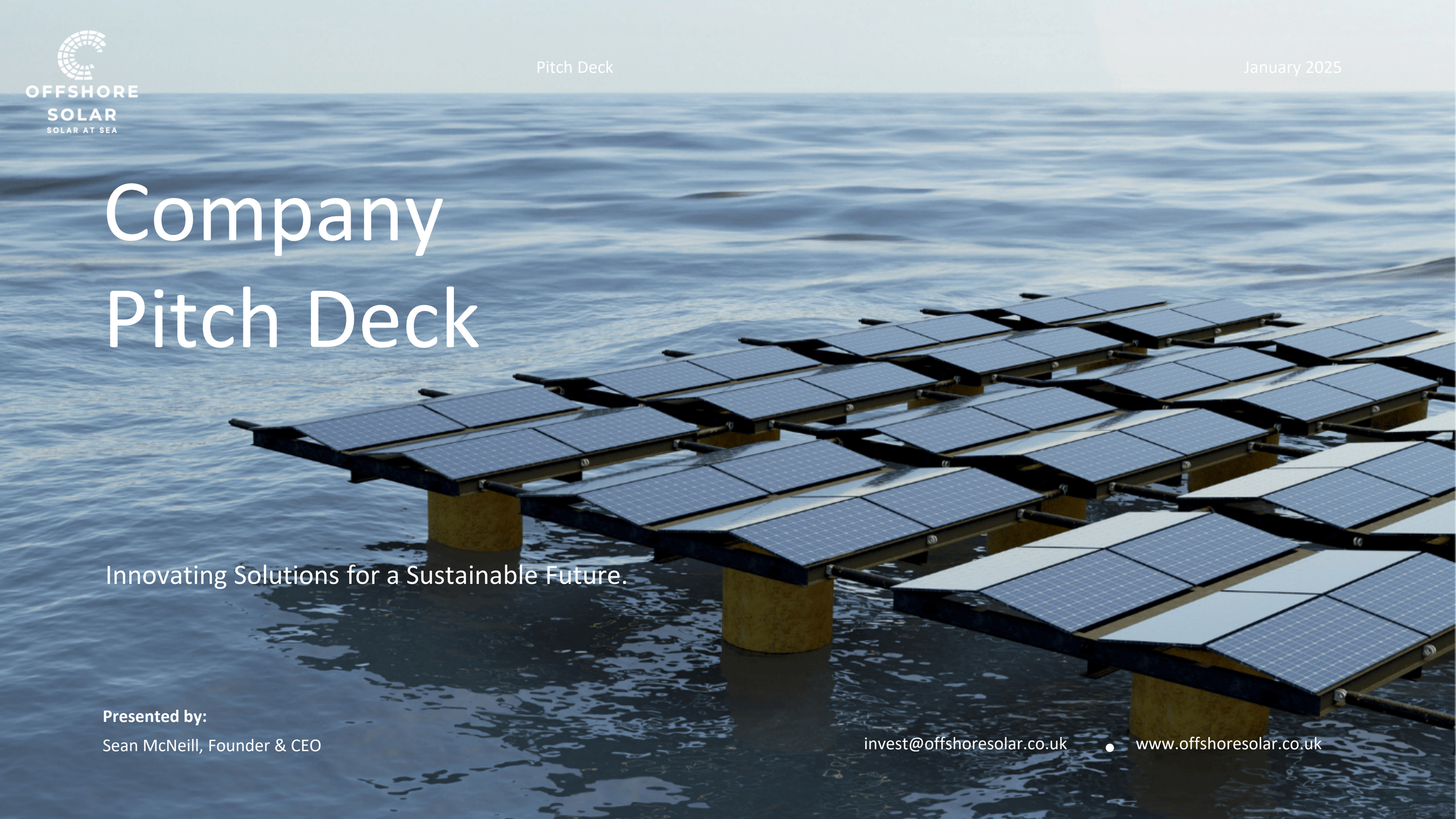
# Company Pitch Deck



Innovating Solutions for a Sustainable Future.

**Presented by:**

Sean McNeill, Founder & CEO

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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.

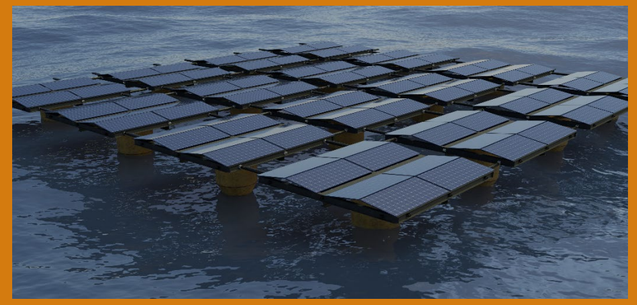
## 75.7%

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

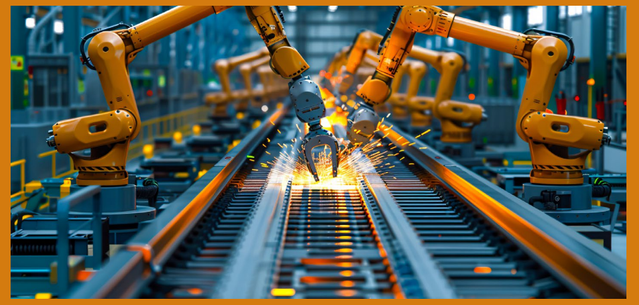
Offshore Solar transforms unused ocean space (targeting dead zones first) into sustainable power plants that generate clean electricity while enhancing marine ecosystems through integrated seaweed forests, delivering multiple green revenue streams from a single installation.

## Key benefits include:



Cost effective clean energy

Regenerating our oceans



Ultra fast deployment

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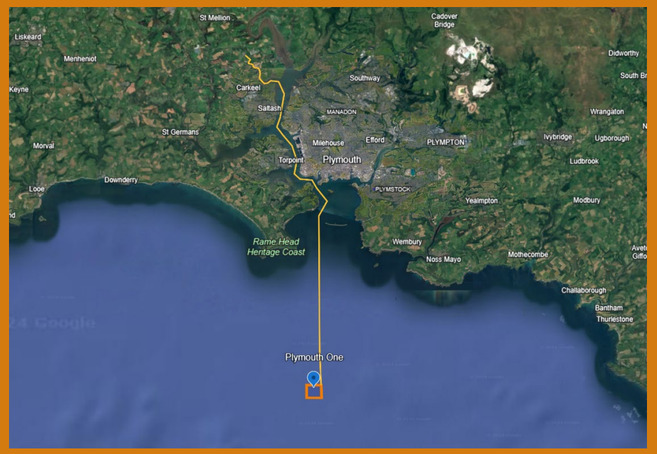
# Traction

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

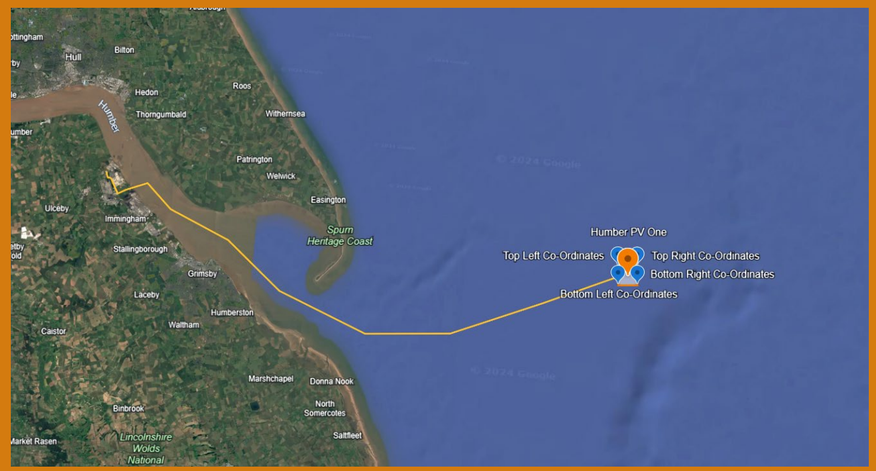



Humber PV One – 50MW
Annual Electricity: 50,075MWh/Year - £7,010,500avg
Annual BioGas:  142,800kg - £84,164avg
Annual Biomass: 333 tonnes - £58,275avg
Annual Carbon Offsets: 21,031 tonnes - £1,577,325avg
Annual Biodiversity Credits: £15,000avg

**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, MENA, South Asia, South East Asia & America

**6 Target territories**

# Competitive Landscape

Our competitors include:

## Octopus Energy

Established market and has software IP.
Develops traditional onshore solar and wind.
Sells fossil fuel based gas.

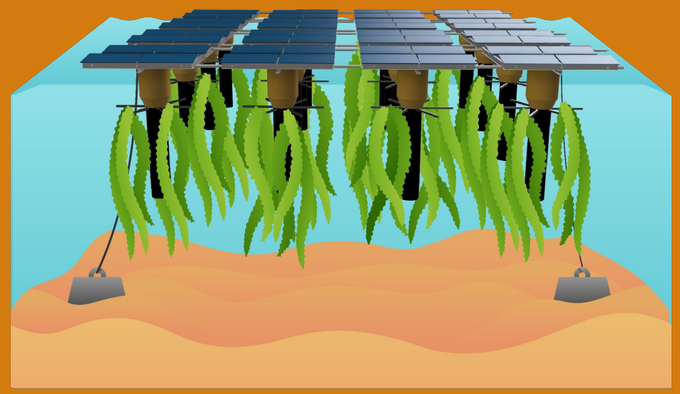
## SolarDuck

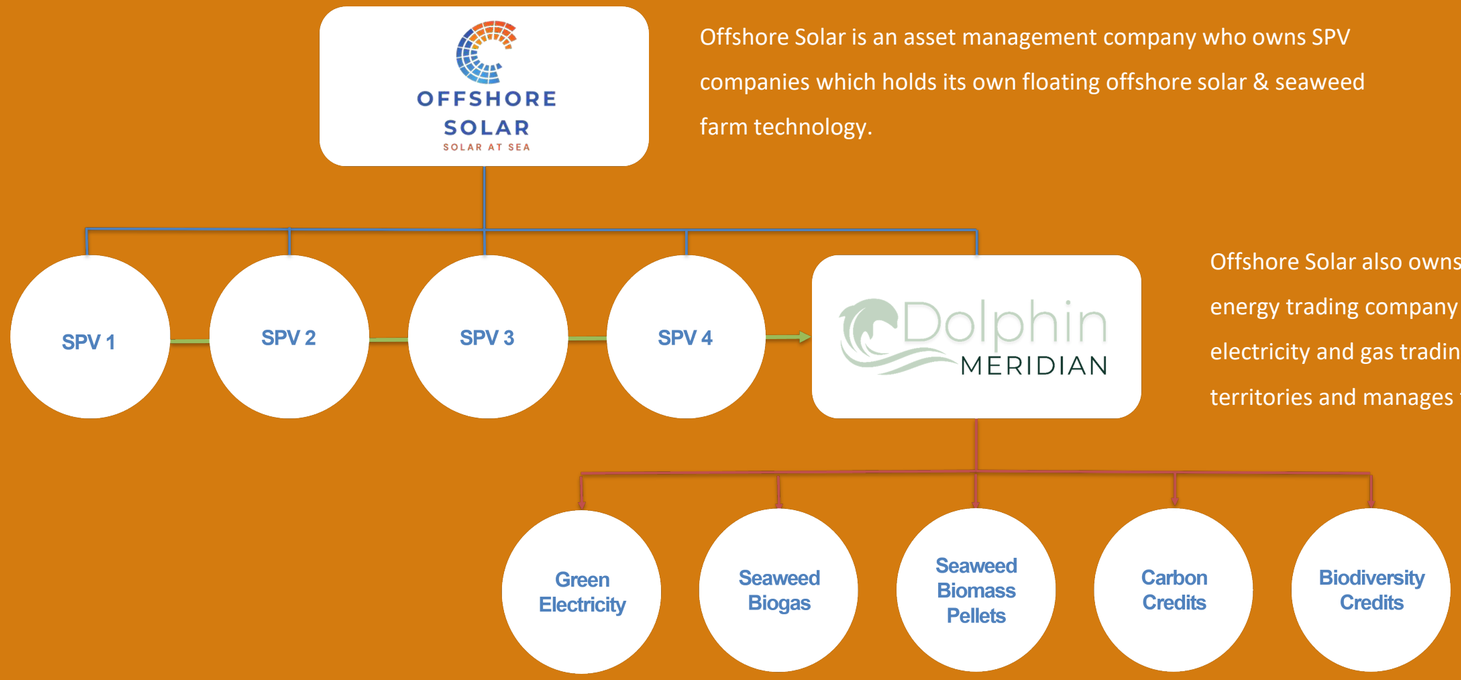
Has their own IP and technology but doesn’t trade electricity on the market. Has no gas production.

## Ecotricity

Has an established market, has no IP for technology and provides fossil fuel based gas.

# 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)

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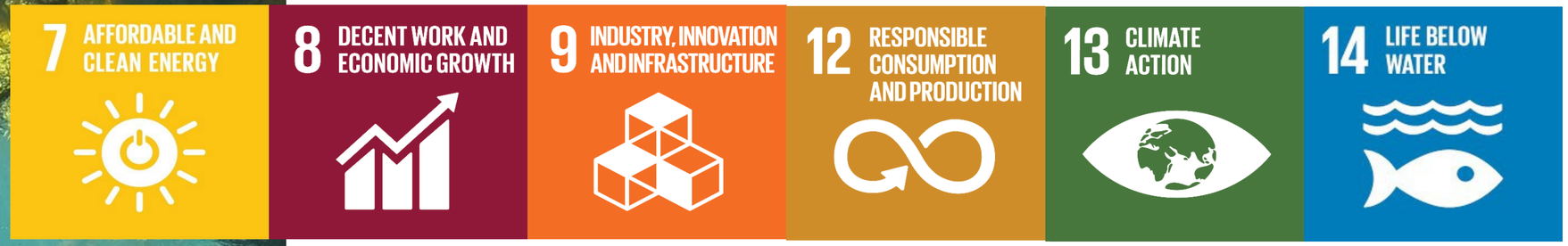
# SDG Goals




## 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 Earths Oxygen.

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# Production

## Advanced manufacturing within the Humber Freeport Zone.

**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)**

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

## 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.

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# Company Roadmap

**2026 to 2028**
**Investment £350m**

**Deliver 350MW of Offshore Solar & Seaweed Farm**

- Projects Manufactured Internally (New Permanent Factory)
- 10 new farms at RTB in Europe and Middle East
- 10 new farms at RTB in Europe and Middle East

**2025 to 2026**
**Investment £35m (Factory and Trading Desk)**

**BUILD THE FACTORY**

- Internal Manufacturing Capability (Temporary Factory)
- Open Trading desk
- Start Plymouth One and Humber One Project

**2025 Q2 to Q4**
**£3.5m Project**

**FIRST PROJECTS**

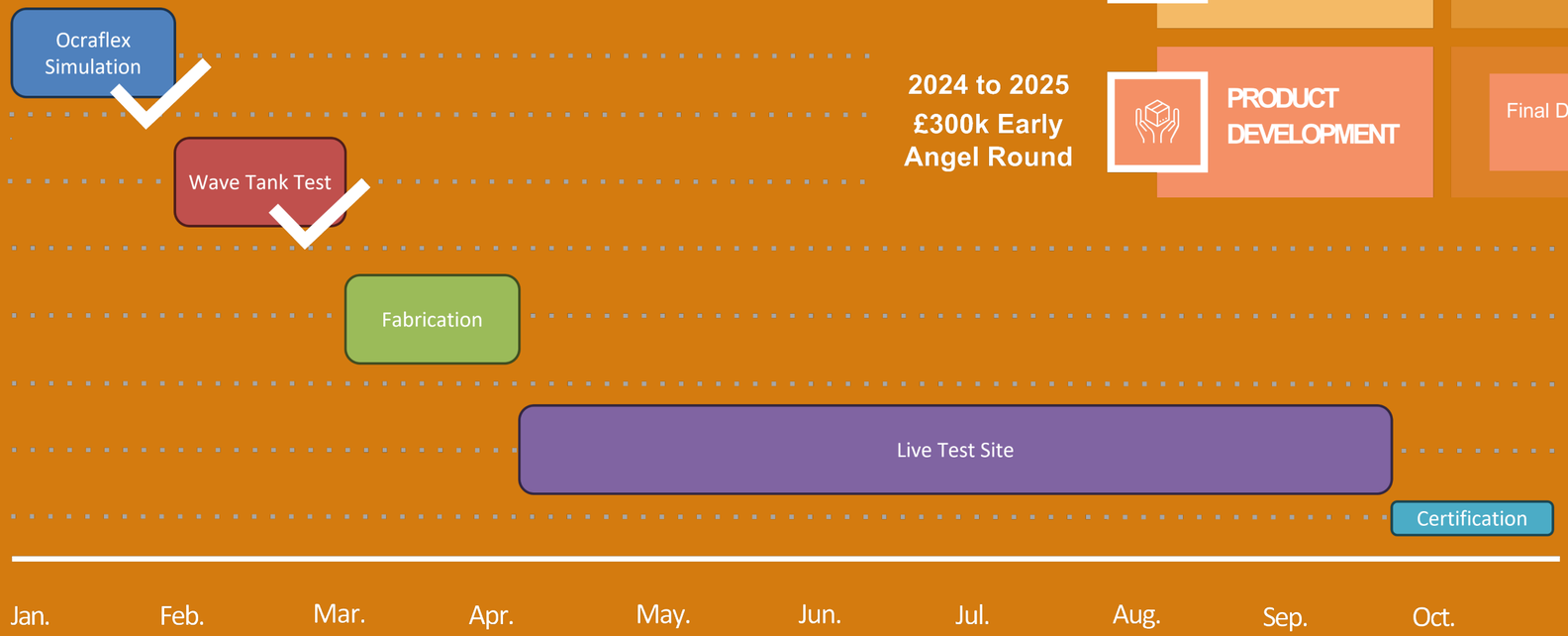
- Learn from Experience and set SOP's
- Project Management

**2024 to 2025**
**£300k Early Angel Round**

**PRODUCT DEVELOPMENT**

- Final Design & Product Testing
- Lloyds Approval & Approved by Insurer
- Prototype Deployed & Live

# Roadmap for 2025



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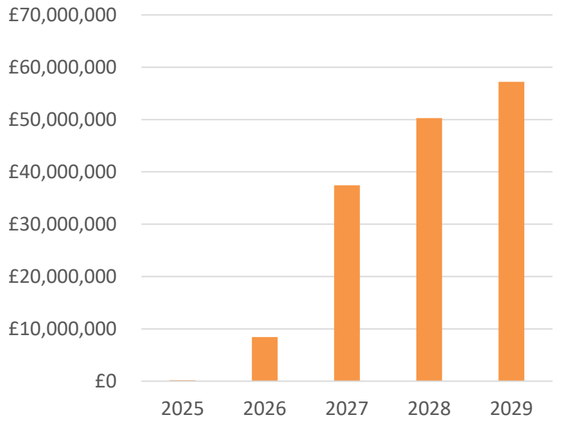
Pitch Deck

# Financial Projections

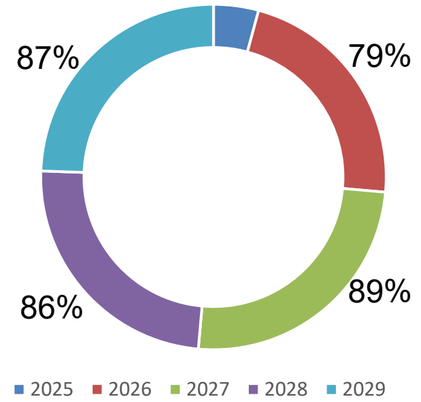

The financial projections show that Offshore Solar will make a steady increase in revenue and assets as the company grows in the next 5 years showing a balance sheet valuation of over £800m



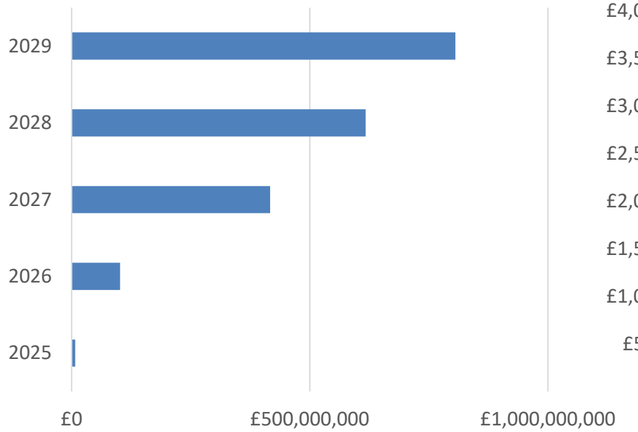
## Projected Revenue



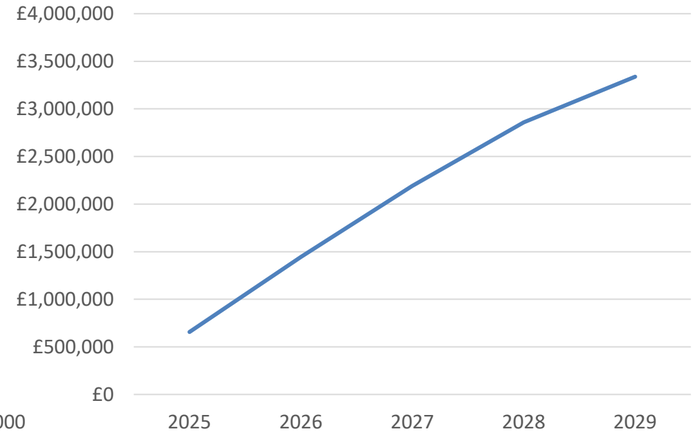

## Anticipated Profit Margin




## Balance Sheet Value




## Operational Costs



# Funding Ask


We will fund our developments through a Convertible Loan Note scheme. We have successfully passed the first stages for £400,000,000

**We are seeking £600,000 for equity to scale our operations, business development teak . Funds will be allocated to**

**£300,000**

Product development

**£150,000**

Hiring key staff

**£150,000**

Operations & Marketing

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# The Team

## Board Team

**Sean McNeill**
**Founder & CEO**

Experienced Engineer in solar and renewable energy and Entrepeneur for over 10 years

**Paul Hetherington**
Chair & Investor

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


**To be recruited**
**CFO**

A well-experienced CFO who has experience in the energy sector. They have successful experience in fundraising

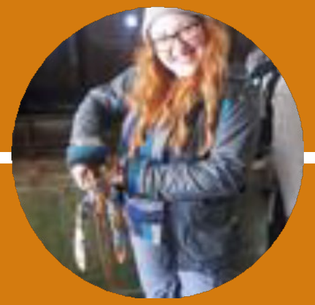
**Shaun Stapleton**
**Planning & Policies**

35 years in construction delivery, land & planning & Community Engagement

## 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 Europes 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

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

**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.

**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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