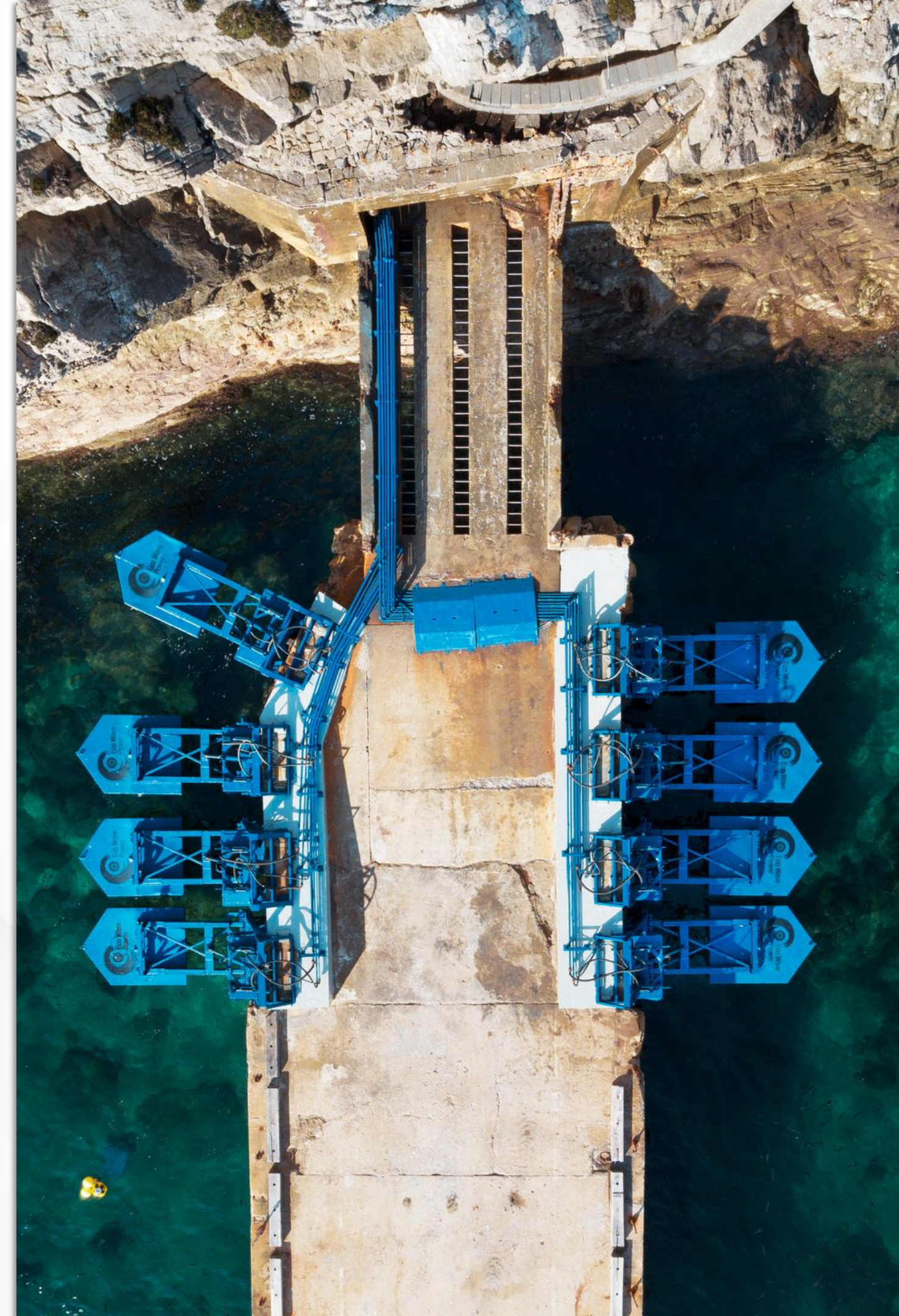


Eco Wave Power Global Wave Energy Generation System

Nasdaq US: WAVE



Disclaimer

Forward Looking Statements

Certain matters discussed on this presentation will constitute forward-looking statements within the meaning of the U.S. Private Securities Litigation Reform Act of 1995, and other U.S. federal securities laws. Words such as “expects,” “anticipates,” “intends,” “plans,” “believes,” “seeks,” “estimates” and similar expressions or variations of such words are intended to identify forward-looking statements. For example, the Company is making forward-looking statements when it discusses the Company’s focus on growing in the American market, the implementation of a pilot project in the Port of LA, its pipeline of projects and expansion of its presence around the world, its collaboration agreements, its collaborations, legislative initiative in New Jersey and its expected milestones for years 2022 and 2023. These forward-looking statements generally relate to the company's plans, objectives, and expectations for future operations and are based on management's current estimates and projections, future results, or trends. Actual results may differ materially from those projected as a result of certain risks and uncertainties. For a discussion of such risks and uncertainties, please see Risk Factors as described in Eco Wave Powers Registration Statement on Form F-1 filed with the SEC, which is available on the SEC’s website, www.sec.gov.

Wave Energy

4.7 Billion

Nearly 4.7 billion people, about 60% of the global population, live within 200 kilometres of a coast*.

66%

according to the US Energy Information Administration wave energy can provide around 66% of all U.S. Energy needs.

188 GW; 10%

The successful development of wave technology in the European wave market could generate 188 gigawatts (10%) of Europe's electricity needs by 2050**.

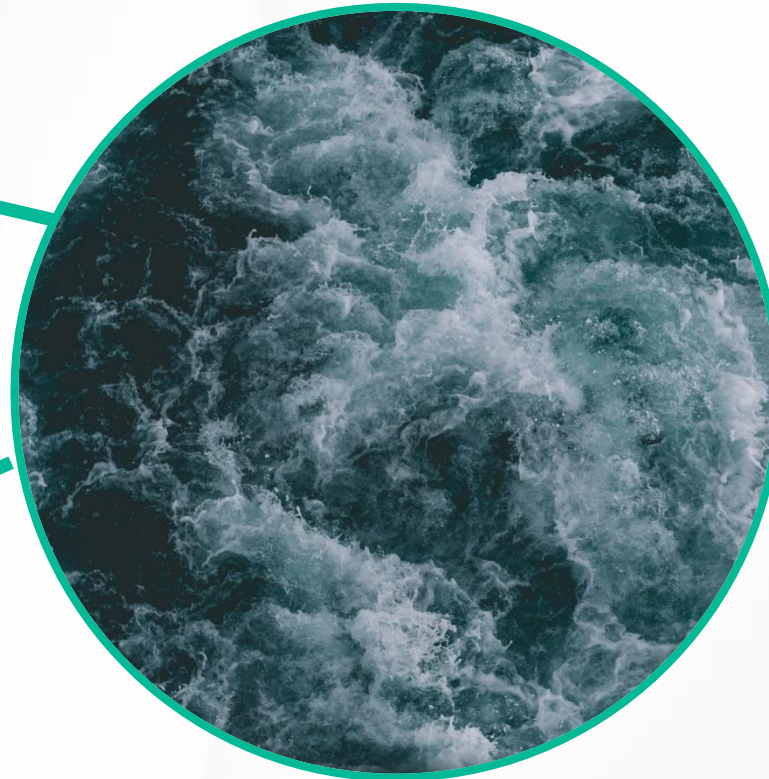
x832

the kinetic energy in wave energy compared to the energy of wind***.

24/7

In many locations around the world with significant and stable wave resources, power from WEC technology can be produced around the clock****.

The International Panel on Climate Change, the UN's climate panel, estimates the worldwide potential for Wave Energy to be over 29,500TWh/year****.



Sources:

* <https://www.un.org/sustainabledevelopment/wp-content/uploads/2017/05/Ocean-fact-sheet-package.pdf>

** <https://academic.oup.com/ce/article/2/1/10/4924611>

*** <https://economictimes.indiatimes.com/energy-corner/tapping-the-energy-tide/articleshow/11509548.cms?from=mdr>

**** <https://www.irena.org/publications/2020/Dec/Innovation-Outlook-Ocean-Energy-Technologies>

***** <https://www.edie.net/news/4/Wave-energy-UK-development-advantages-disadvantages-2015-report/>; <https://journals.sagepub.com/doi/pdf/10.3184/003685008X285582>;

Commercialization

Despite being a widely available, immense, and predictable energy source, wave energy has struggled to commercialize:



Low
reliability



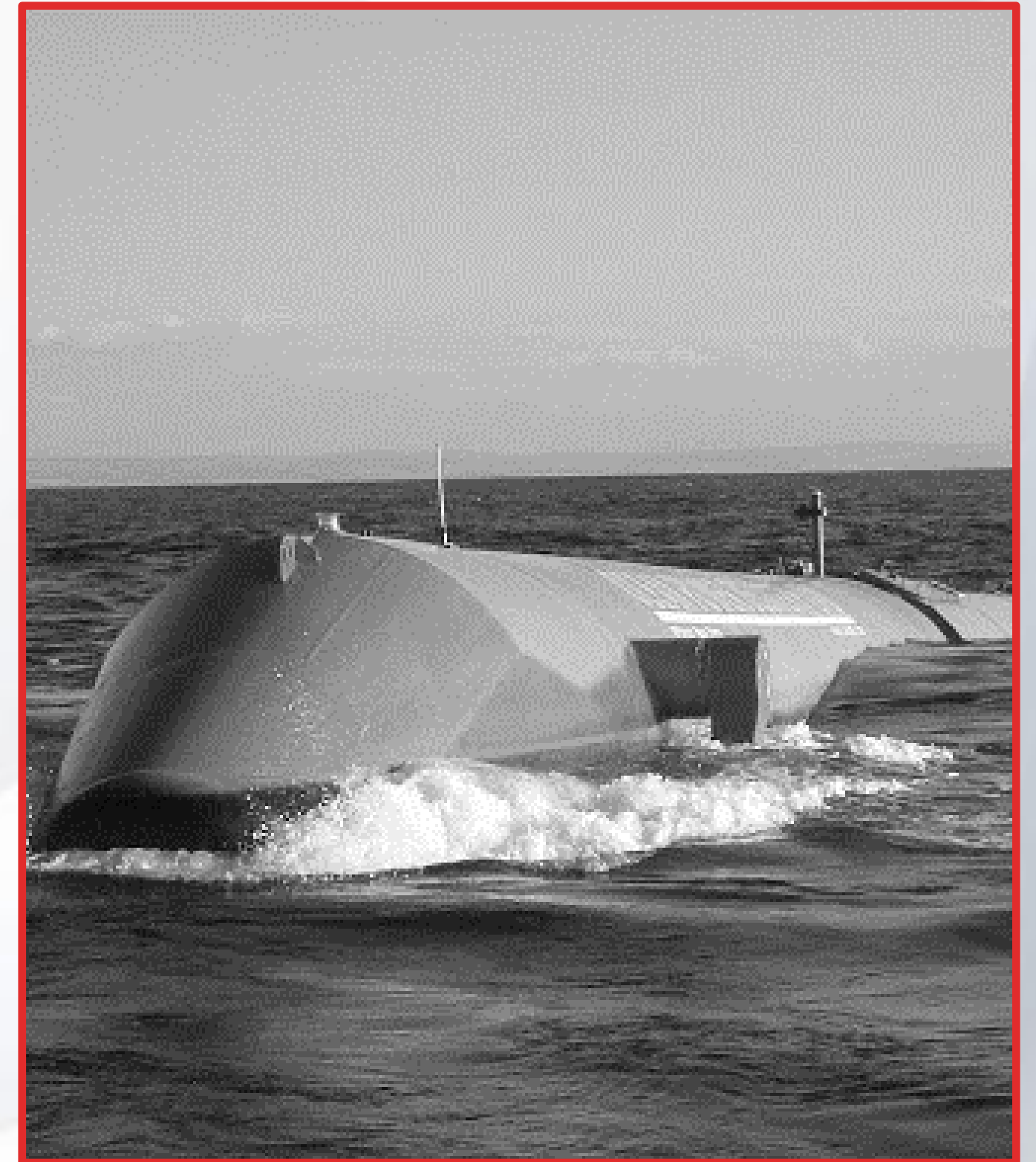
Expensive and
complex



Difficult and
costly to
insure

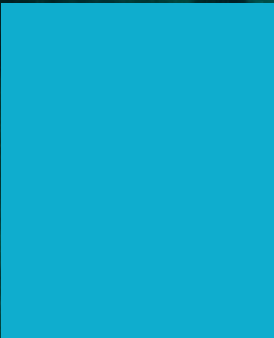


Negative
environmental
footprint

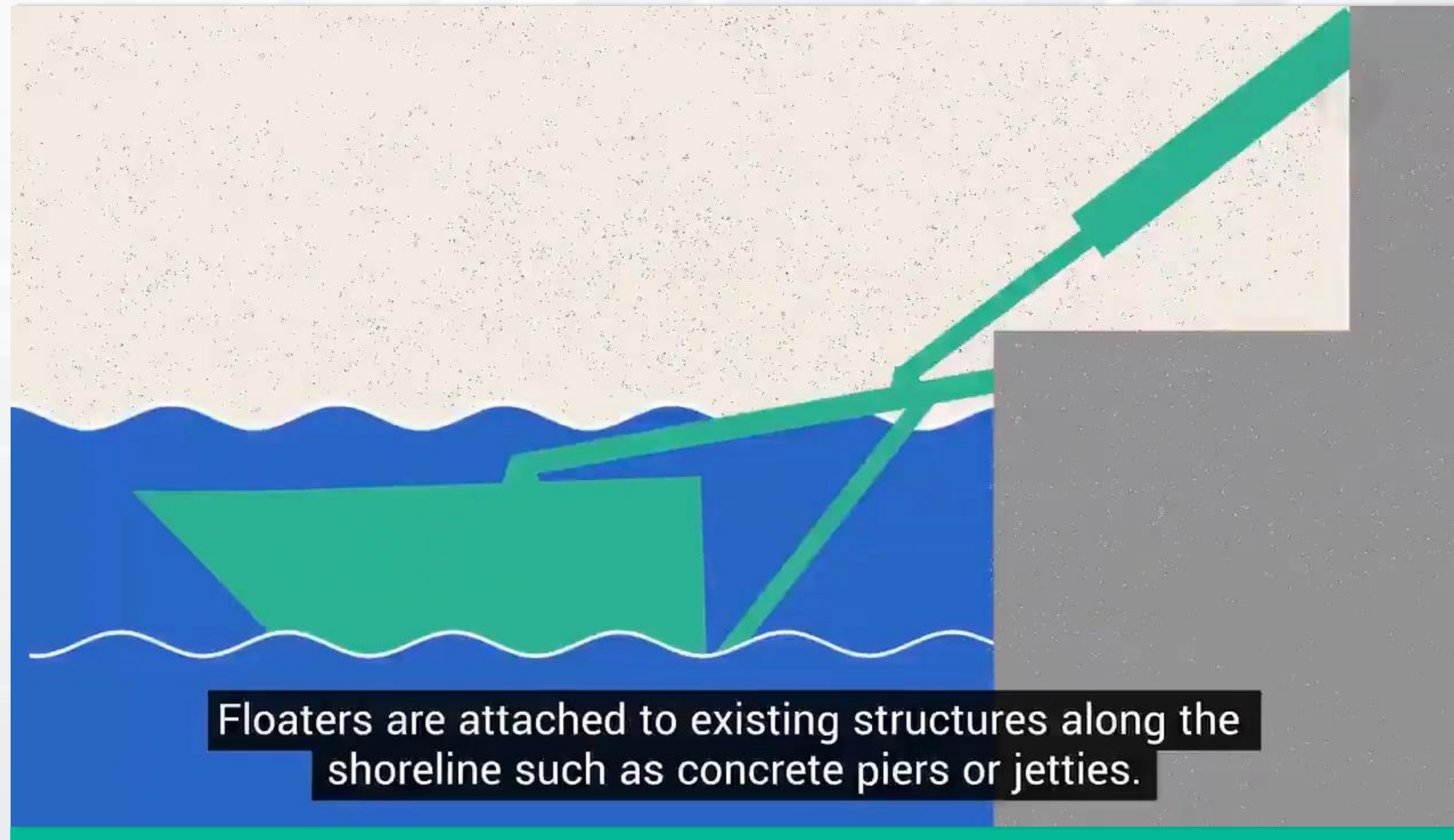




Our Solution



The Technology – How it Works



Installation



Wave Energy Array



Access tunnel

Conversion unit

Competitive Advantage

Environmentally Friendly

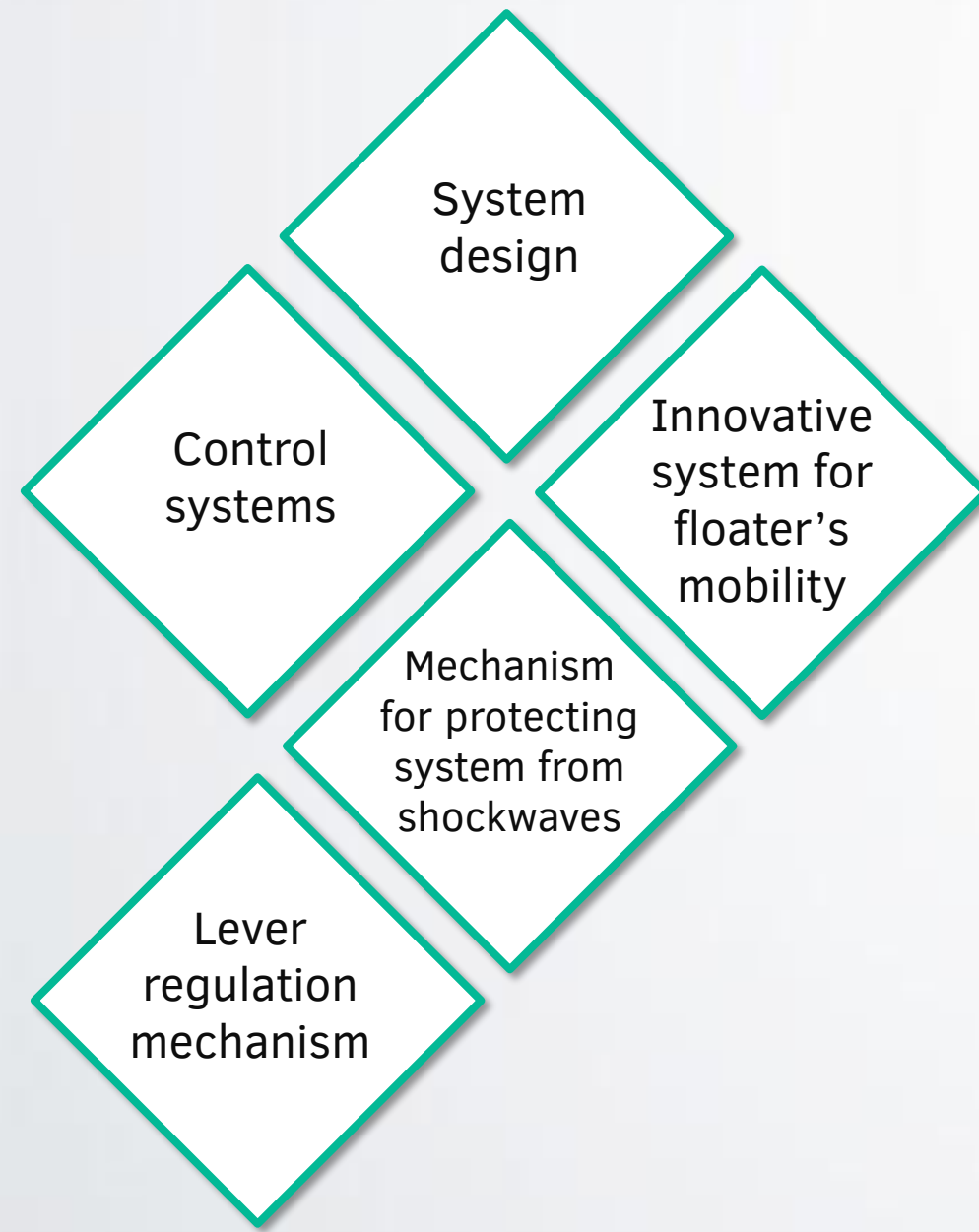
Cost Efficient

Insurable

Reliable

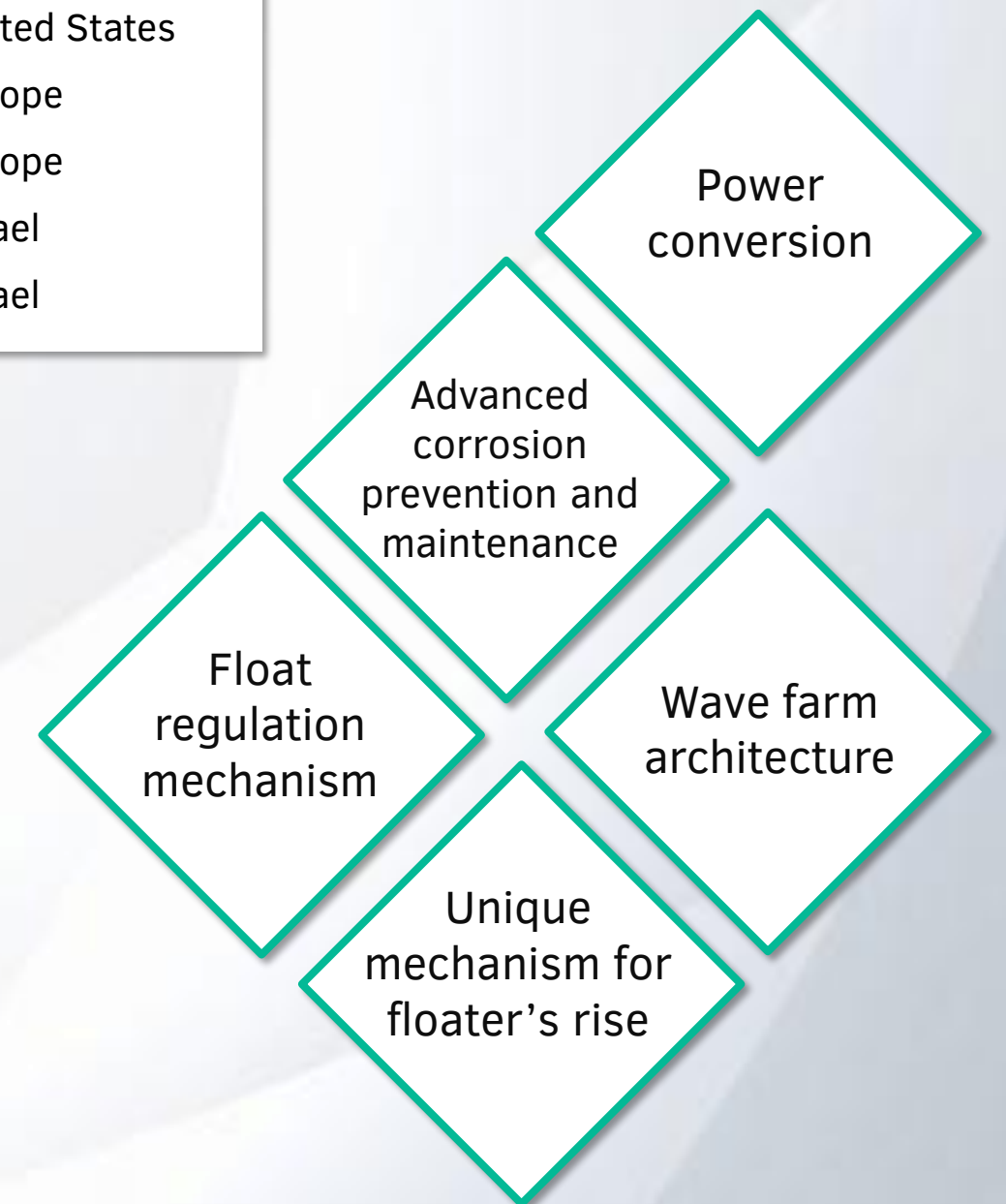


The Technology - Intellectual Property



APPROVED	
APPLICATION / PATENT NUMBER	COUNTRY
16/762931	United States
11608808	United States
215739	Israel
246192	Israel
246193	Israel
246194	Israel
254987	Israel
254988	Israel
254990	Israel
254991	Israel
254992	Israel
253993	Israel
254994	Israel
PCT/IL2019/051015	International

PENDING	
APPLICATION / PATENT NUMBER	COUNTRY
17/638214	United States
17932991.7	Europe
19943269.1	Europe
274332	Israel
268942	Israel



History & Milestones

Founding of Eco Wave Power and the beginning of the development of the EWP Wave Energy Conversion technology.

2011

Installation of a 100Kw grid-connected proof-of-concept wave energy array in Gibraltar with co-funding from the EU.

2016

Concession agreement for a 20MW project in Portugal.

2020

New Legislation Initiatives in California. Agreement with AltaSea for a pilot project in the port of LA. Israel's Electric Authority set Feed-in Tariff for EWP-EDF One Project.

2022

Agreement entered with Shell MRE for the execution of the LA project

Signed an agreement with I-Ke International Ocean Energy (Lian Tat's subsidiary) for first turnkey project in Taiwan.

2024

Installation of a not-grid-connected pilot power station in Port of Jaffa.

2014

IPO on Nasdaq First North Growth Market, Stockholm.

2019

Securing Portugal's 1MW licensing from DGEG; IPO on NASDAQ Capital Market, US;

2021

California Governor Gavin Newsom signed historic Wave Energy Legislation into law.

Connected the EWP-EDF One project to Israeli National Electrical Grid.

Signed MOU with Lian Tat.

2023

Eco Wave Power entered an MoU with Bharat Petroleum, a government-owned Fortune 500 oil and gas company, commenced works for Portugal Project & will install first US Project.

2025

Eco Wave Power Development Pathway



Test machine at Hydro Mechanic Institute in Kiev

- Deployment: 2011
- Floater size (L/W/H): 0.7x0.43x0.25 m



Port of Jaffa, Israel

- Deployment: 2014-2020
- Floater size (L/W/H): 2.5x1.7x0.9 m



Gibraltar

- Deployment: 2016-2022
- Floater size (L/W/H): 2.8x2.1x1 m



EWP-EDF One, Israel

- Deployment: 2023
- Floater size (L/W/H): 3.6x2.8x1.5 m



Los Angeles (Shell MRE)

- Floater size (L/W/H): 2.8x2.1x1 m



Taiwan (I-Ke International Ocean Energy)

- Turnkey pilot project



India (Bharat Petroleum)

- Turnkey Pilot project

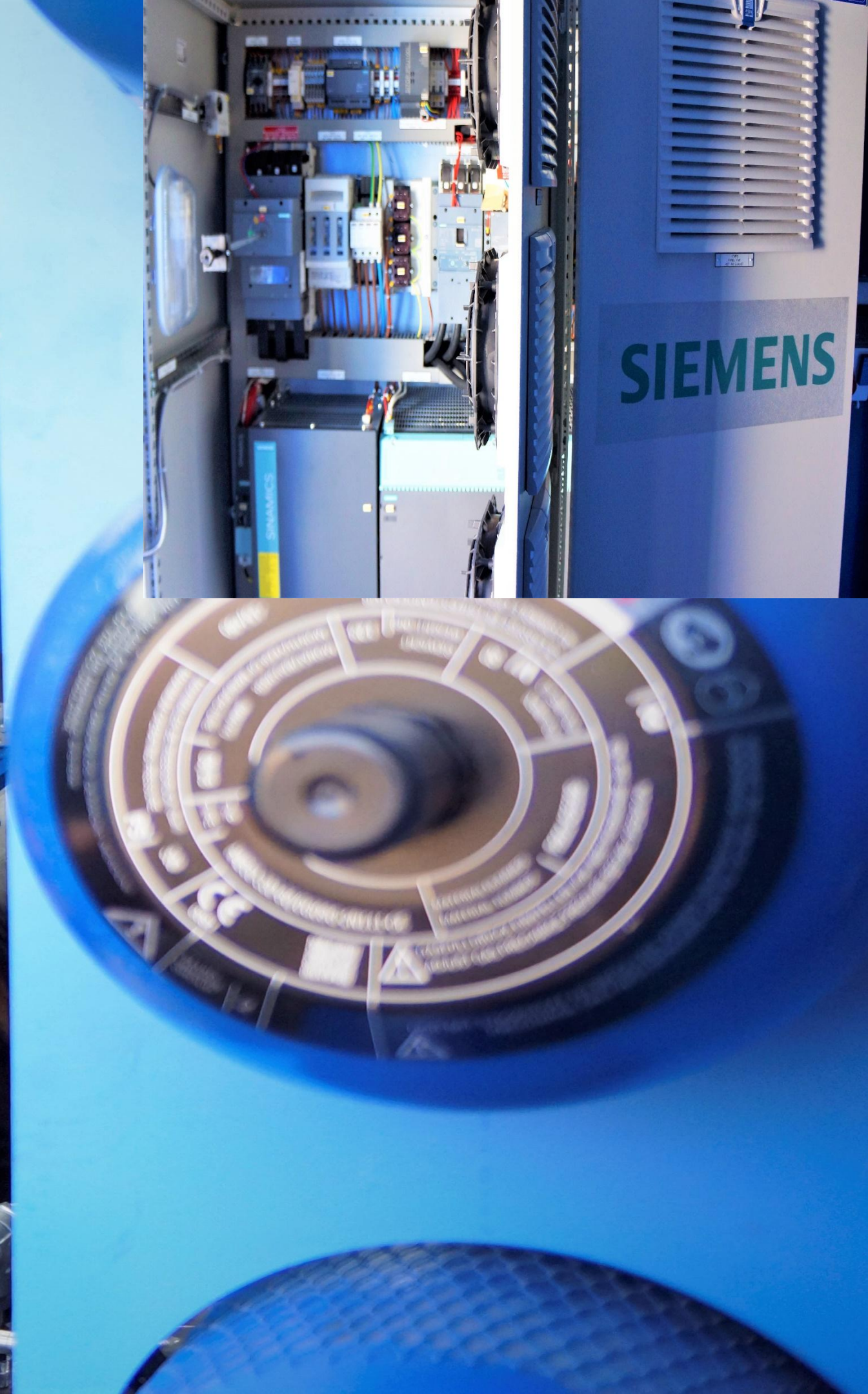


Porto

- Floater size (L/W/H): 5x4x2 m*

* This is the maximum size that EWP will construct, as the floater should not exceed 1/3 of the wavelength







Projects Pipeline – More than 404.7MW



Expected Revenue Models

JV/Turnkey

EWP either sells the project directly to third parties with a profit margin or collaborates with strategic or financial partners who are willing to share the project risk with the company in the form of a joint venture collaboration.



BOT

EWP will fund and construct the power station, and then sell it to a third party. The project's long-term fixed-price revenue under PPAs are expected to be attractive for institutional investors, who can pay a premium price to purchase the power stations.

BOO

EWP owns 100% of the project; revenue model means that the company will finance and provide the operation and maintenance for its' power station. The electricity produced will be sold to the grid in-line with long-term PPA (up to 25 years). Incurs higher initial investment but gives long-term recurring revenue stream from electricity that the company will sell to the grid.

Eco Wave Power's Winning Combination

Substantial Project Pipeline

EWP has a global projects pipeline of more than 404.7MW worldwide.

Significant Operational Experience in Real Conditions

EWP has significant operational experience in real conditions:

- Operated a grid-connected proof-of-concept wave energy array in Gibraltar.
- Finalized the construction of the 2nd grid connected power station in collaboration with EDF Energies Nouvelles Israel Ltd.
- Will soon commence its newest projects in the Port of Los Angeles, Taiwan, India and in Portugal.

Support from the Research Community

- The EWP technology has strong support from the international research community. The International Renewable Energy Agency (IRENA) recently published a report stating that future projections point towards Point Absorbers, such as EWP's onshore wave energy technology, dominating the wave energy sector*.
- Eco Wave Power collaborates with leading universities and research institutions, such as Queen Mary University of London, the Technion in Israel and others.

Strong Strategic Partnerships



Eco Wave Power is well positioned for rapid growth in the Global Renewable Energy Market

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Nasdaq: WAVE

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