

990

The world's most important number!



Every day, ocean waves are charged with at least 990* times more sustainable energy than our world require. Free and green! How to harvest this energy?

HERE IS THE ANSWER



THE WaveEL™ SYSTEM



- Patented
- Proven - 12 000 hours in the North Atlantic
 - 4 000 hours electricity to the grid
- Competitive LCoE*
- Up to 500 MWh/buoy and year
- Prevents <500 tonnes CO₂ emission/year

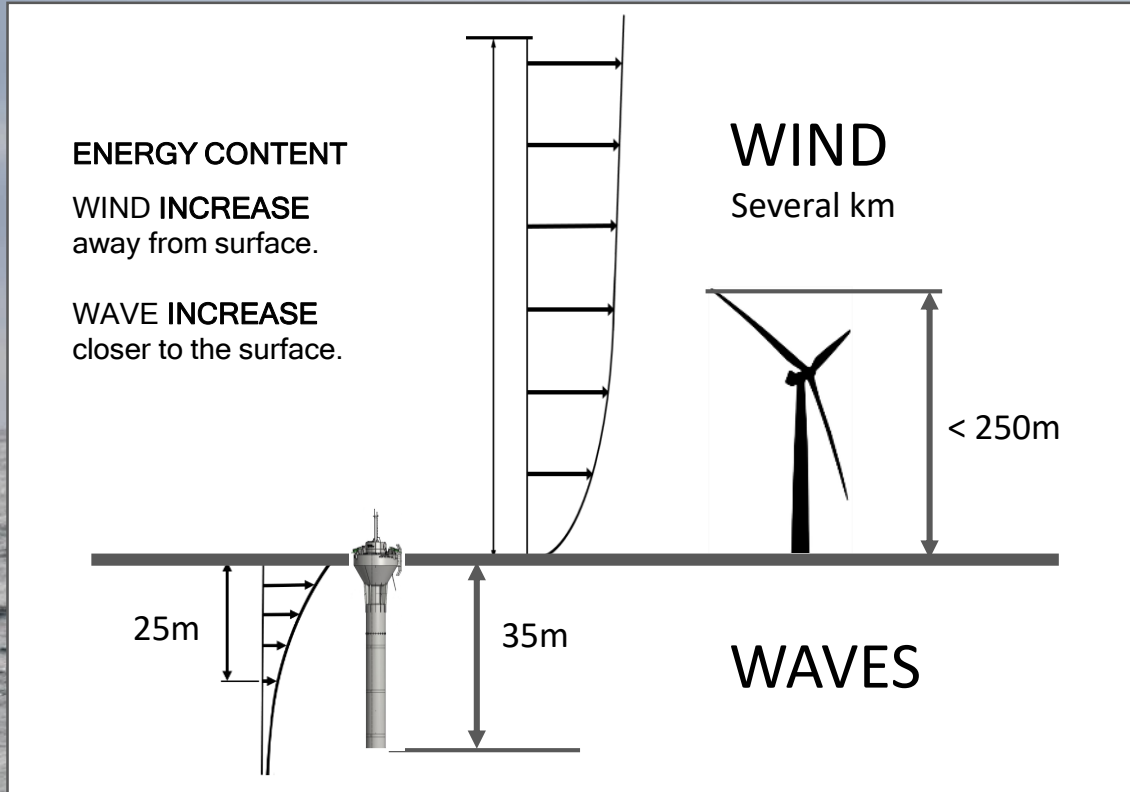
Ready to go commercial!

*LCoE = Levelized Cost of Electricity

WAVE POWER

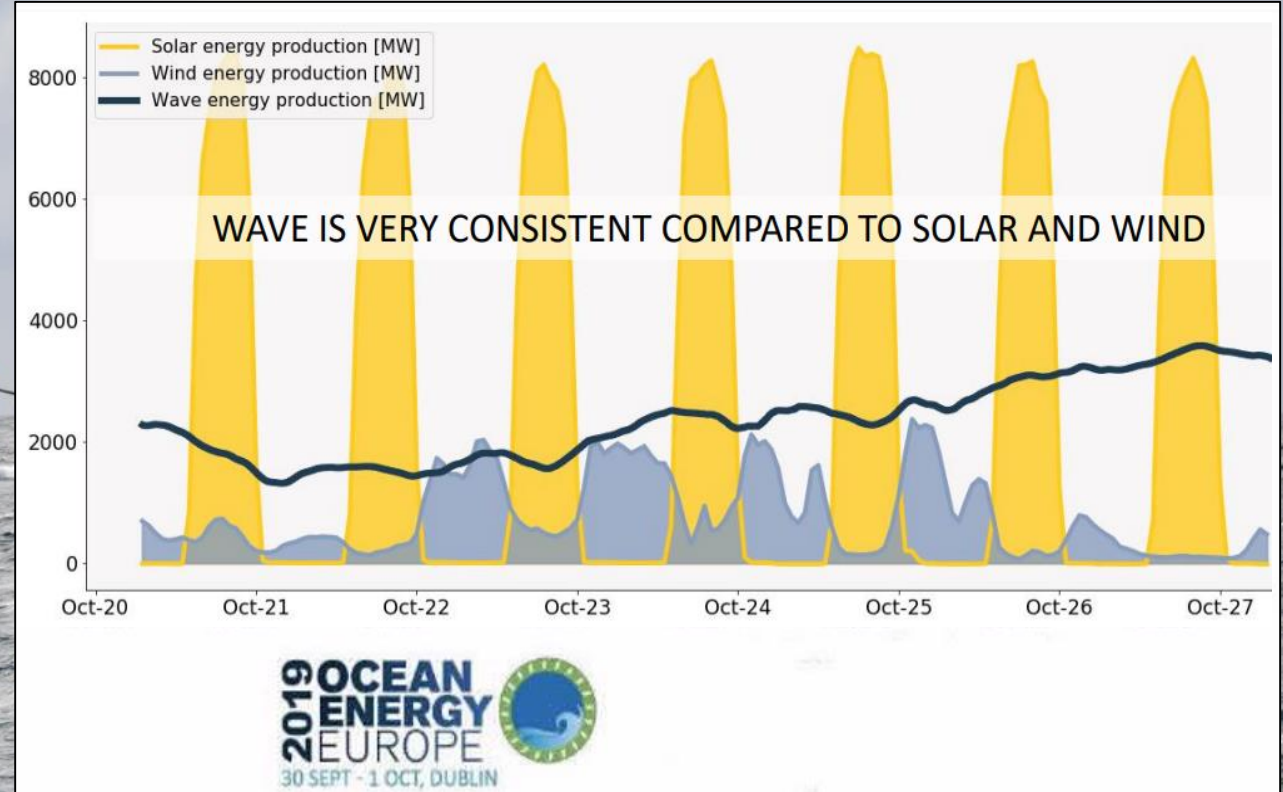
CONSISTENT, PREDICTABLE, AND AVAILABLE 24/7

Wind vs. Waves



Energy density in waves is 860 times higher than that of wind

Weekly production profile from Solar, Wind & Waves



Graphs comparing energy from sun, wind & waves in California, one week in October 2018.

Waves4Power

A Swedish corporation incorporated in 2012

THE WaveEL™ SYSTEM

- Economic lifetime 25 years
- Breakeven (park owner) 7 - 10 years
- ROI, each year for 25 years. 12 - 16%

- Ideal water depth 50 - 300 m
- Wave period 3 to 9 seconds
- Installation cluster 6 - 12 buoys + 1 hub
- WaveEL™ park 1 to thousands of clusters
- Marine classification by DNV Targeted in 2022.

Revenue model:

- Sale of Turn-key systems
- Sale of electricity from SPV* based on PPA** with client
- Service and maintenance contracts



FUNDING FOR commercialization

Funding secured:
2 MUSD equity, Q4. 2021
3 MUSD equity, Q2, 2022

Additional funding needed
15 MUSD equity/dept in 2022

NOTE: project funding will be done in separate SPVs

Grants and other public funding are parts of our funding strategy but are not included in our revenue estimates - Swedish Energy Agency, EU, DoE, ENOVA, Swedfund etc.

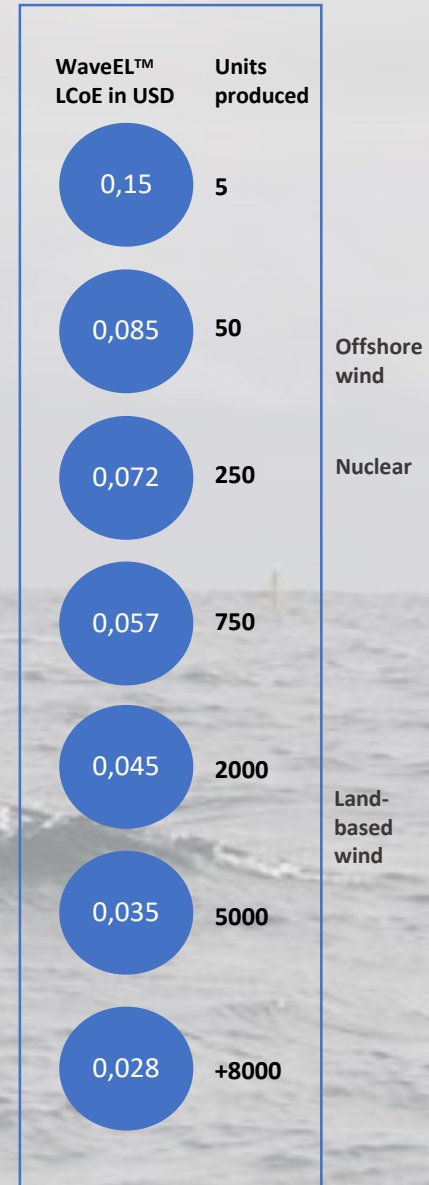
FOCUS ON REDUCING LCoE*

LCoE - cost per kWh during system life.

LCoE = CAPEX (capital cost for the investment) + OPEX (annual serv. & main.) divided by AEP (annual energy production). It's brought forward using discounted cash flow, allowing an objective comparisons between different energy forms and devices.

Please note: development cost is not part of the LCoE.

- Cost reduction as manufactured volume increases = economy of scale.
- Increased energy production through system control optimization.
- Further technology development. New materials. Reduced interest rate over time etc.
- Waves4Power aim for LCoE on par with land based wind in three to five years.



THE MARKET IS GLOBAL

Replacing fossil fuel like diesel and coal. Off-grid solutions. Large scale power to the grid.



WaveEL™ projects under discussion

1. EMEC - Scotland*
2. Isle of Scilly, UK
3. Norwegian Continental Shelf
4. Abidjan - Ivory Coast 200 MW
MOU for PPA in Dec. 2021
5. South Africa - PPA for a 50MW
6. Sea food in Alaska, 50 - 100 MW
7. Indonesia, **aiming at first pilot 2022
8. New Zealand, PPA for up to 500 MW

Business is local

- Local partners for WaveEL™ system assembly
- Local contractors for marine operations, service & maintenance

GREEN HYDROGEN

Business example: Converting offshore platforms to H₂ plants powered by WaveEL™

- 50 kWh = 1 kg of hydrogen
- 100 MW wave power = 4,000 tonnes of H₂/year
- Distribution through pipelines or vessels (using existing infrastructure)
- Oxygen and Heat useful biproducts
- Hydrogen for fuel cells in cars, trucks & electric production
- Clean water - the only waste product

ZERO
CO₂

FUNDING FOR COMMERCIALIZATION

External funding needed for Waves4Power AB (project funding is made in separate SPVs).

20M
USD

Lead investor Energy Two
2 MUSD Q4, 2021 & 3 MUSD in Q2, 2022.

Ongoing discussions with investors
to secure remaining 15 MUSD.

Organic growth
or exit through
IPO or buy out

BREAK EVEN

PROFITABLE

2021

2022

2023

2024

2025

Sales volume: WaveEL™

4

6

70

100

300

> 700

Juridisk Information

MISSION

To make money by generating a better future for our planet.

VISION

A future where our children and grandchildren can live without fear of climate change and power is available for everyone.



WAVE POWER

by Waves4Power



The **green** wave forward!

THANK YOU!



Jonas Kamf, CEO