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The power of the  
OCEANS is immense, and  
up until now, we had no  
way of harnessing it.  
We have a solution, a  
**technology that works.**

**Rodrigo Sanz Martin**  
R&D Manager





# MagallanesRenovables

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Magallanes Renovables is a Technology company focused on the development of Ocean Energy Solutions



*Our vision is always economically focused, maximizing output and minimizing costs*

# MAGALLANES RENOVABLES

Magallanes Renovables is a  
Technology company  
focused on the  
development of Ocean  
Energy Solutions

## Our Values

We are eager on creating a **Net 0 emissions** world. We work every day towards this goal by **unlocking a new source of renewable energy**

We believe that change is powered by **profitable businesses** and that the market will identify and exploit new opportunities only if it makes **economic sense**

Our view is always **economically focused, maximizing output and minimizing costs**



# MAGALLANES TODAY

**14 years of Development**

**25 Million EUR**

**Multidisciplinary team**

**Economically viable**

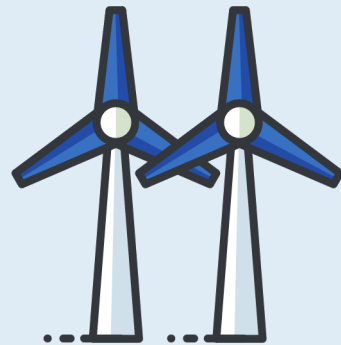
**Successfully Generating**

**Seed for a New industry**



# SOLUTION

The opportunity is clear: new renewable energy systems shall be developed that can produce energy at a competitive cost, as an alternative to the conventional, less sustainable sources



# Overall Go-To-Market Strategy

## Short Term

### Verify

- Verify New Control System 2.0
- Verify the New Optimized blades
- >3,000 hours Energy Production.
- O&M Management and CMMS

### Certify

- Performance Assessment (>40%)
- Certify the energy production with the optimized control system.

### Design

- Design the Commercial Platform.
- Design the Industrial Plan

## Medium Term

### Stepping into the Market

- Certify the Commercial Platform with Bureau Veritas (Type Classification).
- Development of the following arrays projects:
  - WALES Morlais Array: 30MW
    - Phase 1: 6 MW
    - Phase 2: 9 MW
  - ORKNEY EMEC: 1,5MW

## Long term

### Expand The Market

Start unlocking new potential markets

Tidal energy sites are abundant.

The most attractive opportunities identified are the following:



UK

Develop arrays in Scotland and Ireland (200MW)



FRANCE

Develop arrays in Normandie (50MW)



CANADA

Develop arrays in Nova Scotia (50MW)



US

Gulf Stream current site and East Cost.



Philippines

Develop arrays in Philippines



JAPAN

Arrays in Goto Island



KOREA

Jang-Juk Strait and Maenggol-Geocho Strait



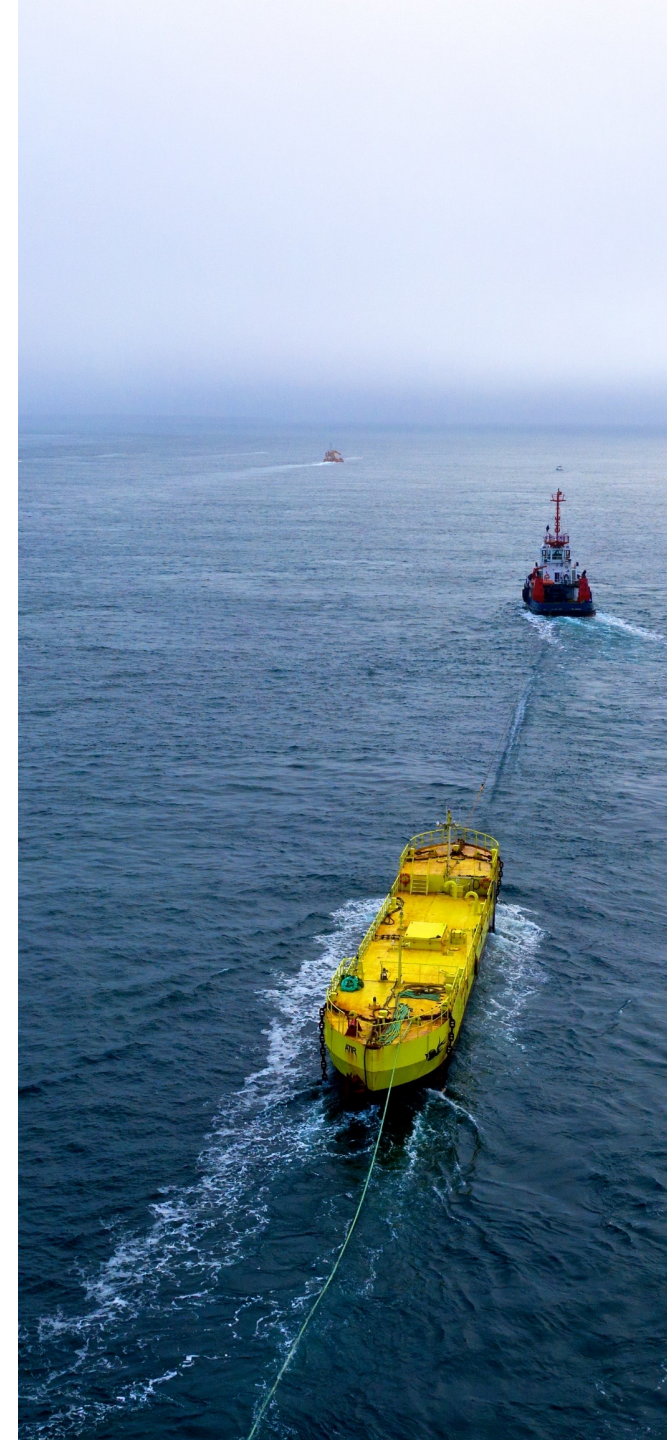
CHILE

Estrecho de Magallanes

2022 – 2024

2024 – 2027

2028 – 2032



# Solution

The opportunity is clear: **NEW RENEWABLE ENERGY** systems shall be developed that can produce energy at a competitive cost, as an alternative to the conventional, less sustainable sources



# Industrialization



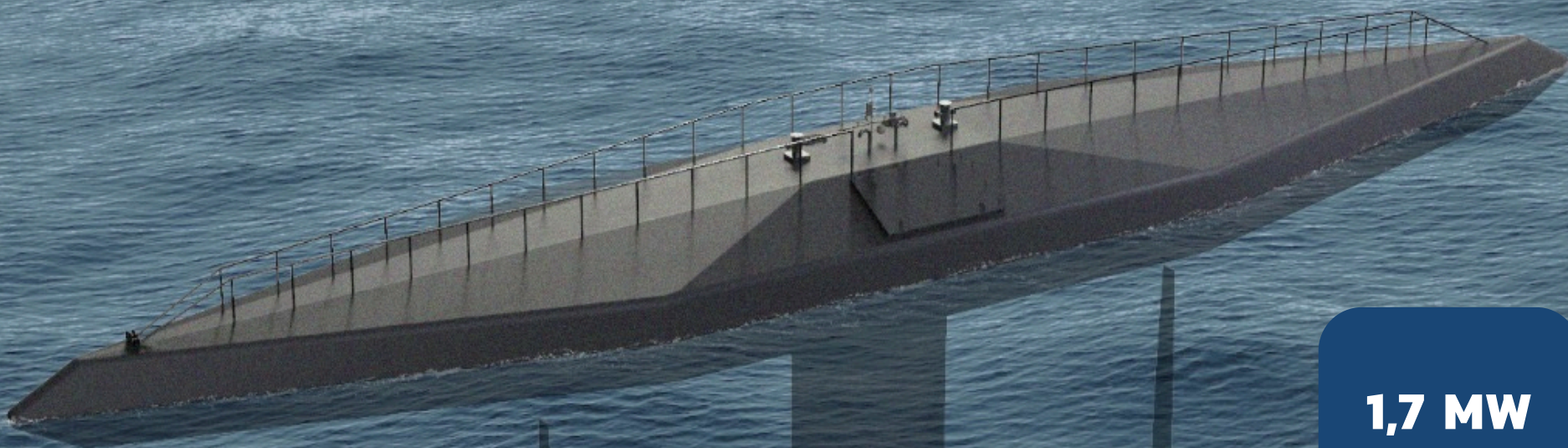
**100% ACCESSIBLE**

**100% MODULAR**

**100% INDUSTRIAL  
ADAPTABILITY**



# evolution - PERTE NAVAL



**1,7 MW**  
capacity

**9 GWh**  
Anual

**3,150**  
hours

# Cost-Effectiveness



**REDUCE MAINTENANCE**

**LESS CAPEX**

**MORE PRODUCTION**



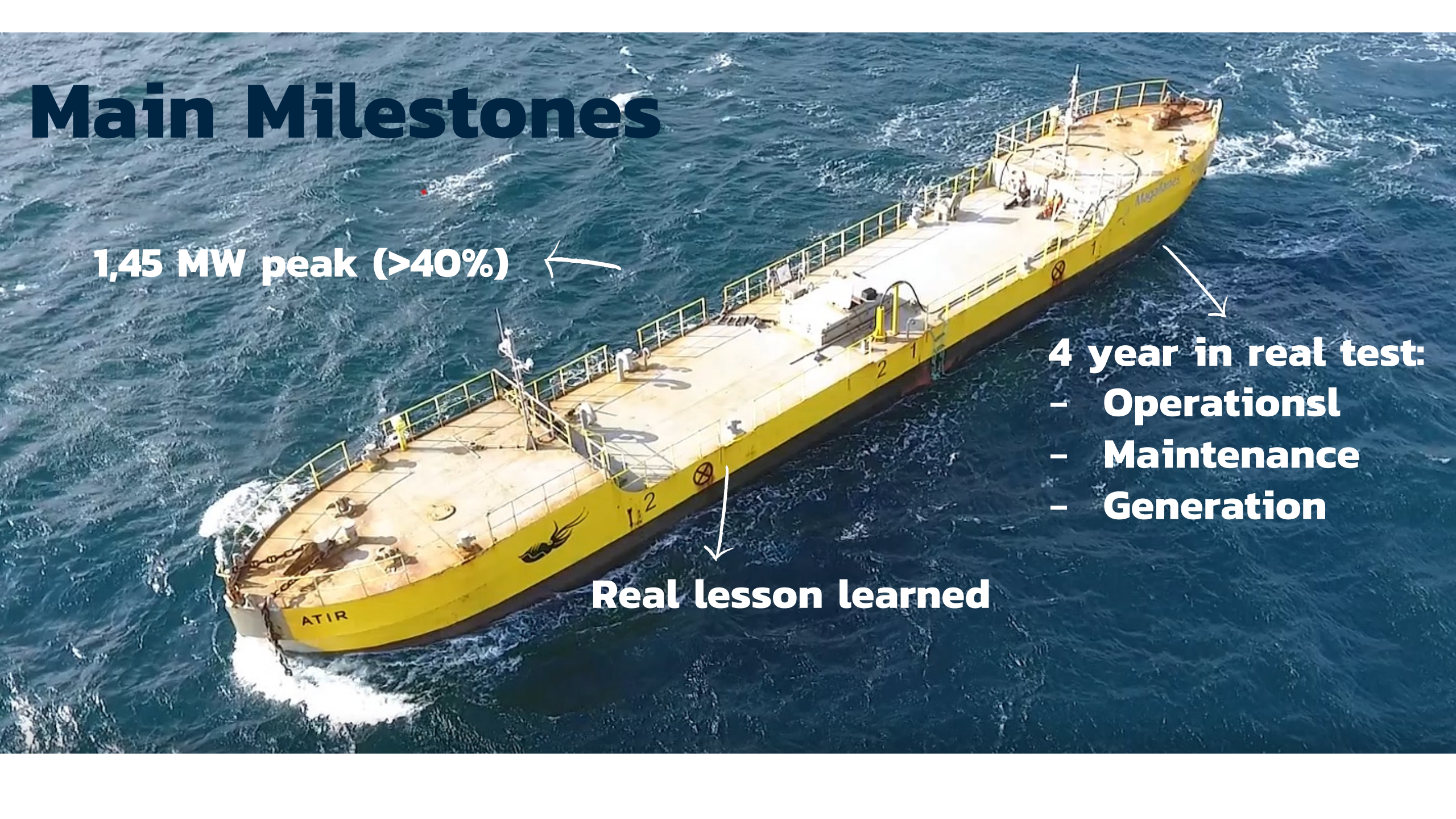
# Main Milestones

**1,45 MW peak (>40%)**

**4 year in real test:**

- **Operations**
- **Maintenance**
- **Generation**

**Real lesson learned**



# THANK YOU

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