

Experiences and perspectives from national and regional funding bodies

ETIP Ocean Funders Roundtable



ENERGIAREN
EUSKAL ERAKUNDEA
ENTE VASCO
DE LA ENERGÍA

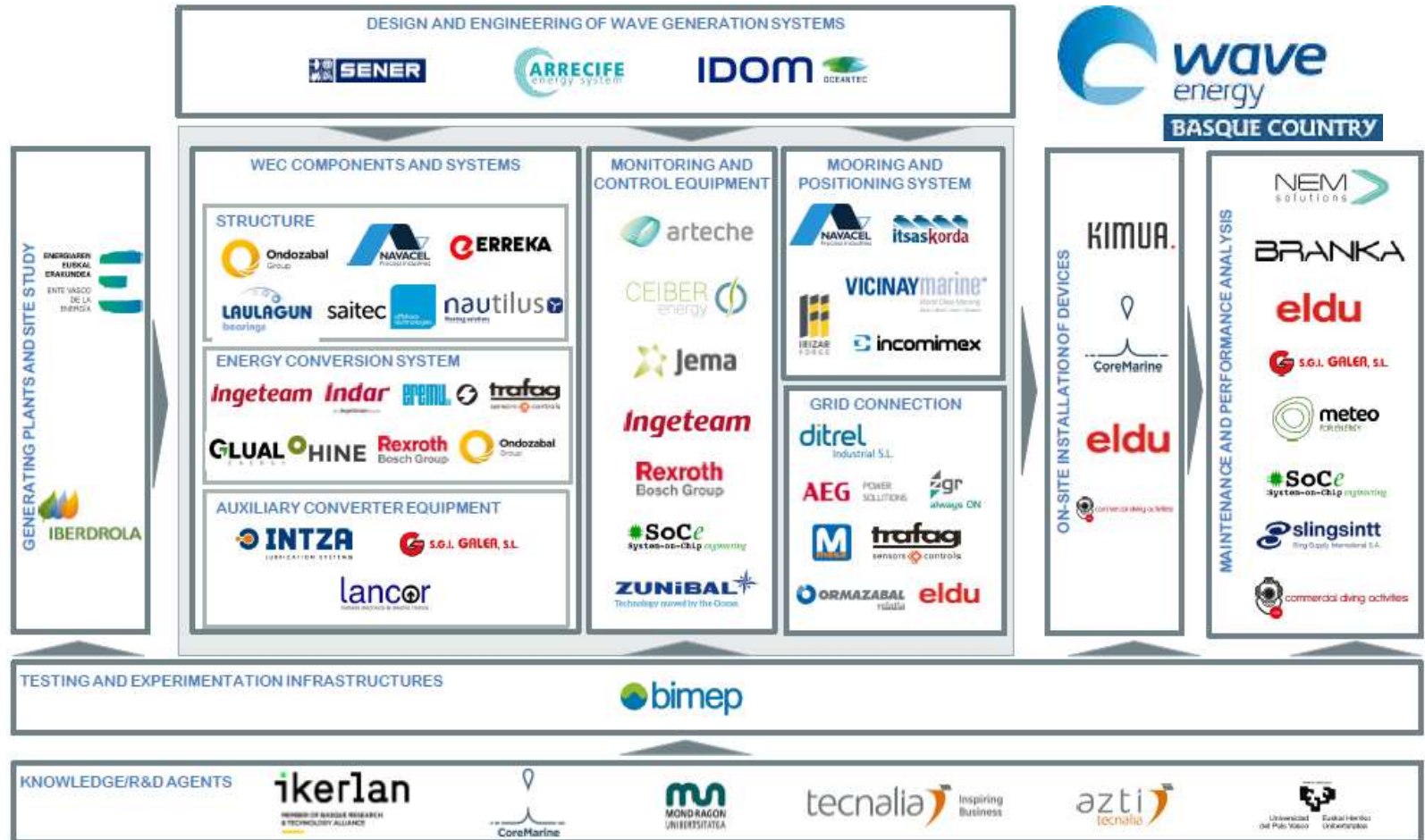


Who we are.

The Basque Energy Agency (Ente Vasco de la Energía, EVE) is the **energy agency** of the Basque Country since 1982.



Seeking new market niches.



Source: Basque Energy Cluster

Strong tradition in economic sectors currently in decline.
Solid foundations in research and innovation.

Basque Energy Strategy (3E2030)

New strategy to meet more demanding economic, regulatory, environmental and technological **challenges**, including a commitment to reduce GGEs by 40% in 2030 and 80% in 2050.

Roadmap in wave energy to meet these objectives:

60 MW installed capacity by 2030

Current installed capacity:

0,3 MW – Mutriku Wave Power Plant (2011)

Gap at demonstration and validation stage

- Commissioning of **Biscay Marine Energy Platform (BiMEP)**.
- Release of the first marine energy-related aid programme.



Supporting the sector.

Aid programme (AP) for investment in the demonstration and validation of emerging marine renewable energy technologies.

Within the scope of Commission **Regulation (EU) 651/2014**.

Eligible actions: Pilot testing at the demonstration and validation phase of...

- Wave energy converters.
- Floating platforms for wind turbines.
- Offshore wind turbines.
- Auxiliary equipment and/or subsystems.

2,5 M€ aid programme spread over 3 years:

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL PROGRAM
AP 1	0,5 M€	1 M€	1 M€			2,5 M€
AP 2		0,5 M€	1 M€	1 M€		2,5 M€
AP 3			0,5 M€	1 M€	1 M€	2,5 M€
TOTAL YEAR			2,5 M€			

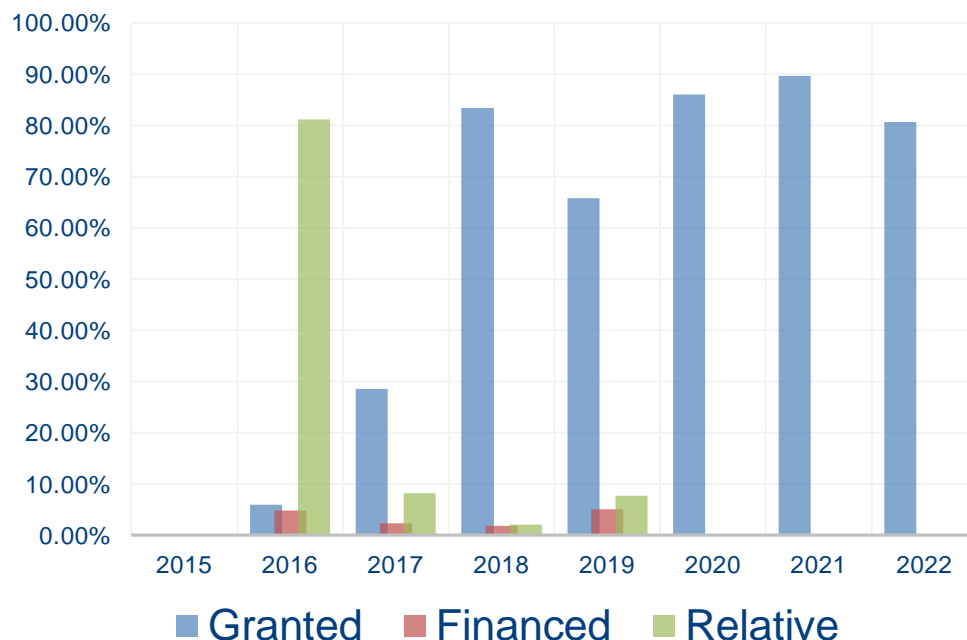
BASE	SMALL COMPANY	MEDIUM COMPANY	EFFECTIVE COLLABORATION
%25	+%20	+%10	+%15

On a **first-come, first-served** basis.

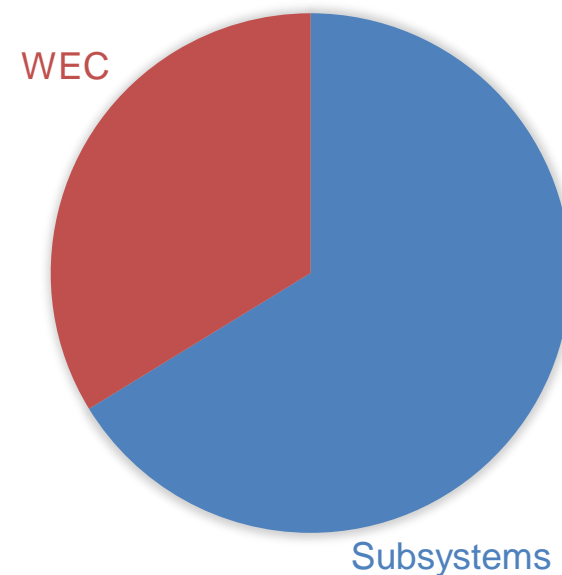
Regional fund, generally complementary with other funds.

Supporting the sector.

% of overall budget employed



Type of actions



Significant difference between **granted** and actually **financed** budget.

Sector development should help **reverse** the current trend.

Difficulties to reach the demonstration stage.

3-years project schedule and budget distribution must be presented **beforehand**:

- Lack of previous experiences.
- Volatile markets.
- Possibility to suffer contingencies.

The proposed investment is often bigger than actually employed.

Projects may face **delays** due to the need of meeting financial and permit requirements.

Modifications to initial plan that force developers to reduce the deployment time, often produced by setbacks during the deployment.

Just a link of a longer chain, small part of **a bigger investment**, where other public and private support must be combined with developers own resources. Some fail in the attempt.

How could **SRIA** help us make better decisions?

Zunibal — Anteia

AP 2016/18

Wave measuring buoy



Ditrel — Konekta2

AP 2017/19

Subsea connector



Arrecife Systems —

Arrecife

AP 2018/20

Wave energy converter



Tecnalia R&I — HarshLab

AP 2018/20

Material testing laboratory



Objectives:

- Boost the technology development from TRL 4-5 to TRL 6-7
- Preliminary design of a full scale pre-commercial prototype.

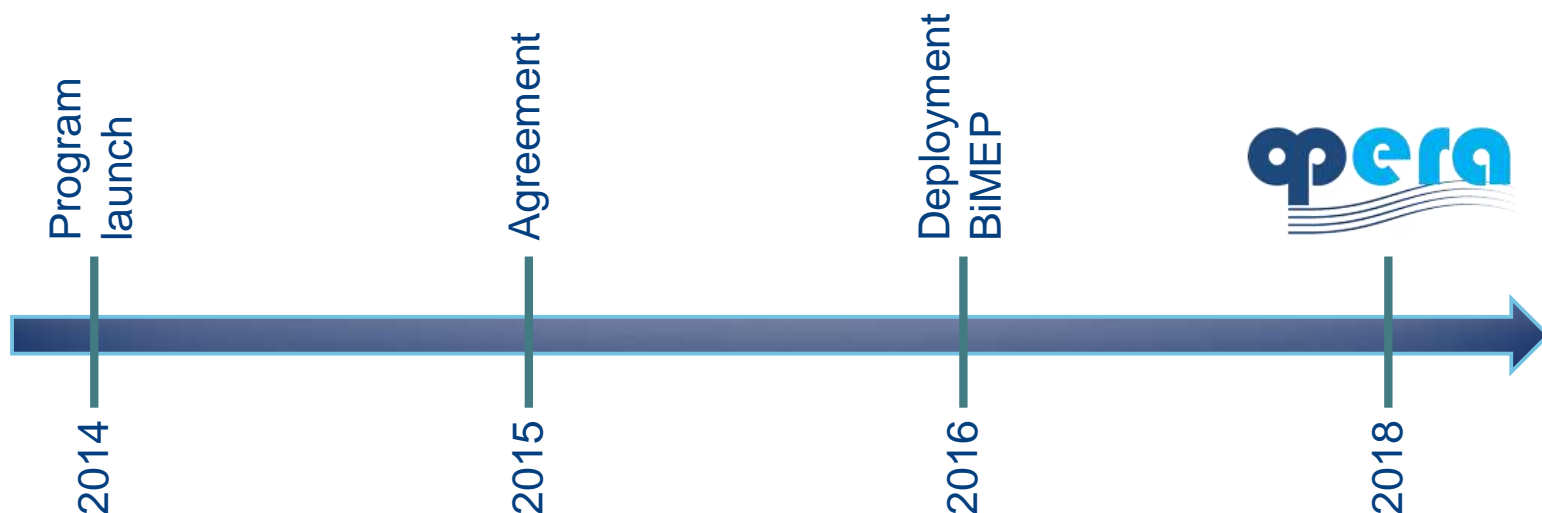
Program budget: 2,5 M€

Beneficiary: *Oceantec*

Prototype: *Marmok-A-5*

Type: *Spar buoy*

Technology: *Oscillating Water Column*



THANK YOU FOR YOUR ATTENTION

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Renewable Energy and
Resource Usage Area

Basque Energy Agency

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