



**WE ARE PART OF THE
1000 SOLUTIONS TO
CHANGE THE WORLD**

#1000solutions

OKAHINA SPOTS

The first surfing destinations around and eco-friendly
man-made wave

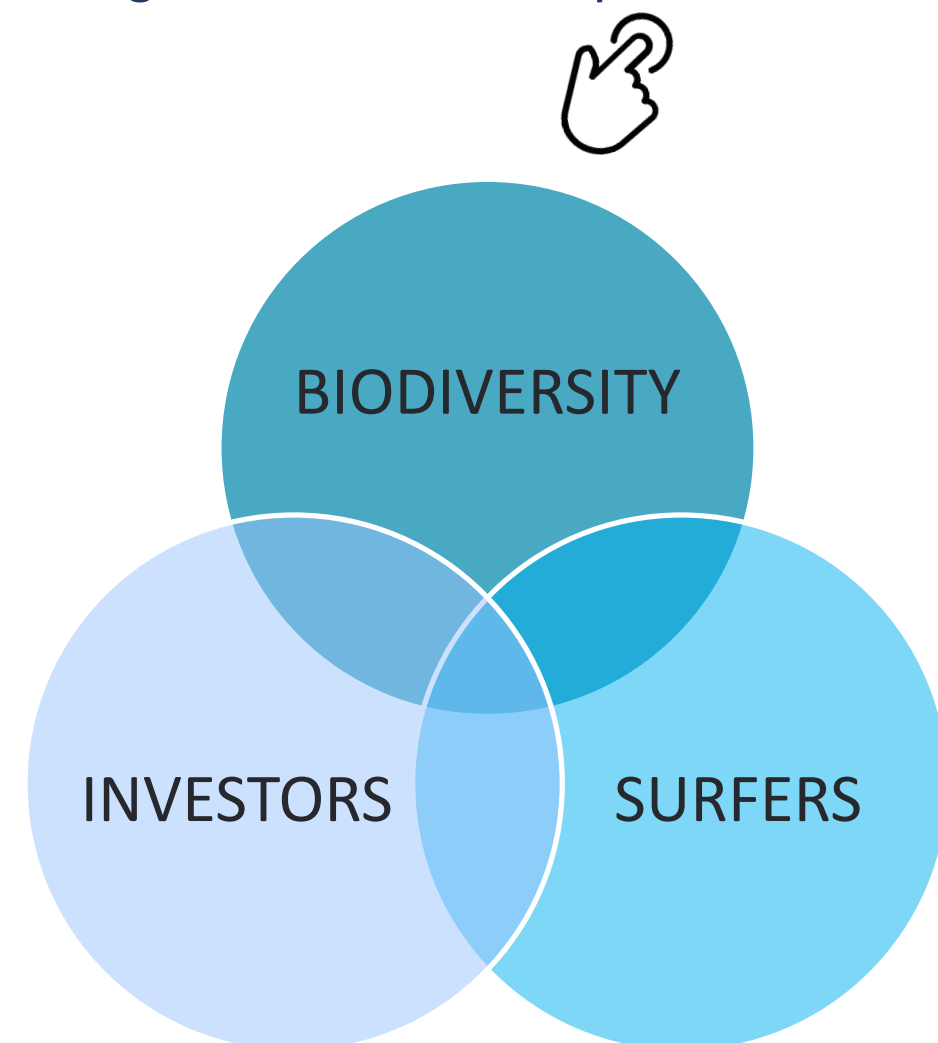


Okahina Vaires-Grand Paris
PARIS 2024 Olympic site



Okahina is labelled Solar Impulse Efficient Solution *“To address environmental challenges while enabling economic growth, **Bertrand PICCARD** launched, through the Solar Impulse Foundation, the challenge of selecting 1 000 profitable solutions which are protecting the environment in order to convince political and economic decision-makers to set more ambitious energy policies and environmental targets, necessary for the large-scale dissemination of these solutions on the market.”*

*“If we want to change the industrial model of growth that leads to ecological disturbance, we need not only a change of technique, nor an economic change, but a change in the way we think... I am passionate about Okahina because there is both a systemic and overall approach including scientific, environmental, sporting and aesthetic aspects.” **Joel de ROSNAY** - Scientific writer and pioneer of surfing in France. [Play the video here](#)*



OKAHINA, A CHANGE OF MINDSET FOR A NEW PROFITABILITY :

- 1 / For investing partners
- 2 / For the environment by improving the biodiversity of degraded aquatic environments
- 3 / And of course for surfers by offering them quality waves, suitable for beginners to experts

It is in this spirit that our multidisciplinary and experienced team has implemented a systemic and comprehensive approach.

OKAHINA DISRUPTES THE MAN-MADE SURFING WAVE INDUSTRY

Eco-designed in open-innovation with the greatest respect for nature, OKAHINA innovates by manufacturing the only wave generator on the market that makes it possible to create surfing facilities with a positive impact on the environment.

DOES NOT IMPACT AD VITAM AETERNAM NATURAL SITES

- Easy to set up and remove
- No artificialization and waterproofing of soils
- No concrete
- Not pumping in groundwater and no energy-intensive filtration system
- Low energy consumption

IMPROVES DEGRADED AQUATIC ECOSYSTEMS

- Oxygenates lake water and helps fight eutrophication
- Filters toxic cyanobacteria and microplastics
- Helps to enrich aquatic fauna thanks to integrated fish nurseries
- Allows cohabitation with sharks
- Helps to locally curb coral bleaching



OVERVIEW A revolution is underway in the world of sport, tourism and leisure. Artificial surfing wave technologies are booming : a new multi-billion-euro global market held by a handful of companies developing similar concrete wave pool concepts.

OKAHINA WAVE GREENTECH INNOVATION disrupts these first-generation concrete wave pools that are neither sustainable nor adapted to the challenges of our time because their ecological footprint is disastrous and their business models are fragiles.

OKAHINA creates sustainable surfing destinations with positive impacts for the planet. Eco-designed in open-innovation, Okahina Wave is a floating atoll positioned in a natural environment (sea, lake, river...). It generates waves that improve the biodiversity of degraded aquatic environments.

A NEW GLOBAL MARKET OF 9Bn€

Okahina allows cities, private investors, players in the tourism industry or real estate developers to create sustainable destinations, thanks to the creation of a complete ecosystem of experiences around the wave. Since it combines a profitable economic potential and an ecological ambition, Okahina received a "*Blue Ocean Award*" from the French Ministry of Economy and a "*Seal of Excellence*" from the European Commission.



BUSINESS COMPETITIVE ADVANTAGES

Reduced CAPEX
Limited OPEX
Higher profitability and faster ROI

R&D

Patented in 44 countries
Proof of concept (scale 1/12)

PROJECTS

4 projects signed in France:

- **Futuroscope** (2022, small facility, 5M€)
- **Vaires sur Marne Paris 2024 Olympics** (2023, large facility)
- **Libourne-St Emilion** (2023, medium facility)
- **Aix-les-Bains** (2024, medium facility)
- To follow : Barcelona, Berlin, USA (LA), Mexico, EAU, Japan...

EQUITY

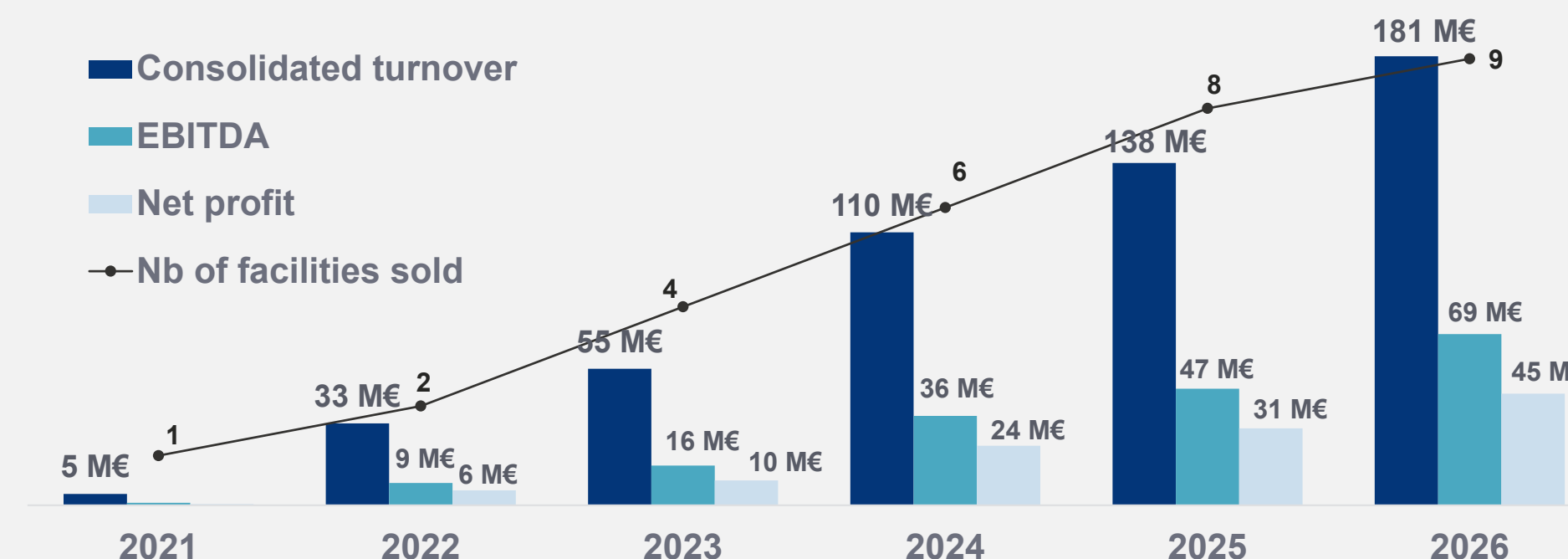
1,8M€ from various private investors and BPI France support.



FINANCIAL PROJECTIONS

3 sources of income:

- Sale and maintenance of Okahina facilities
- Operation of the facilities in Europe
- Licensing outside Europe



INVESTMENT OPPORTUNITY

Fund raising of 5M€ (equity, debt) incl. 4,1M€ secured to date.

Banque des Territoires
SEMPAT Vienne



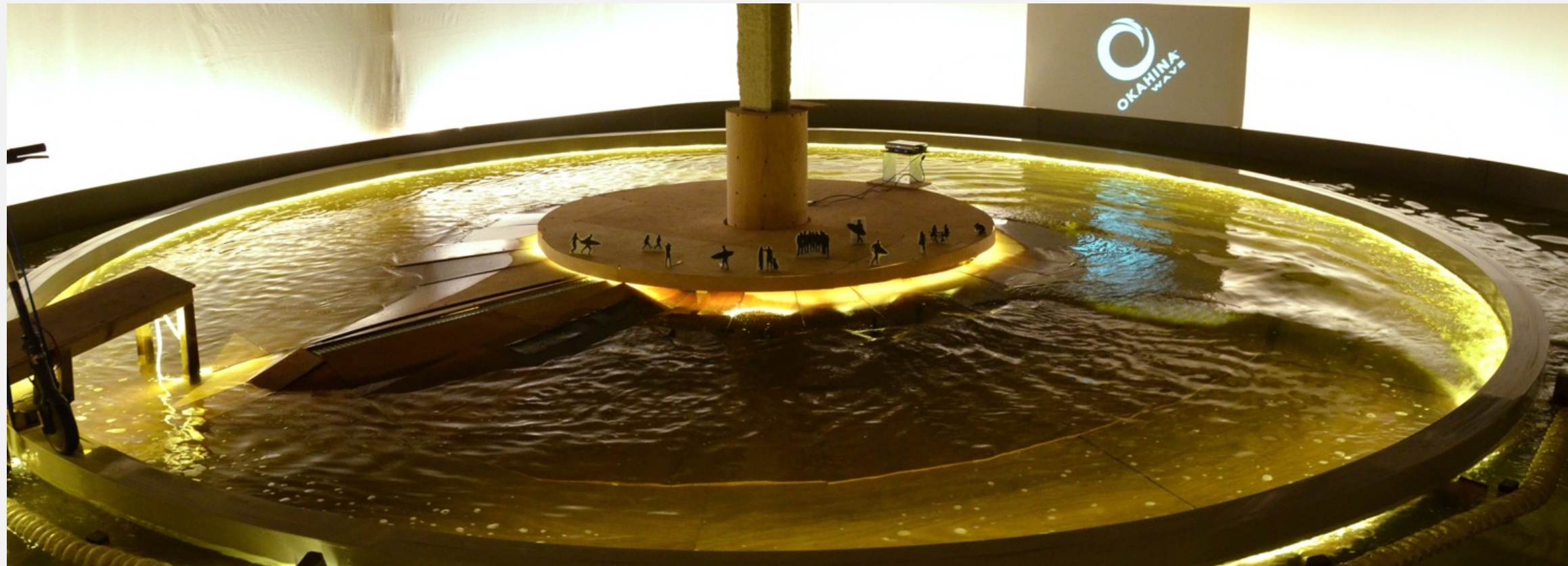
Other rounds already planned for the next projects and scale up.



PROOF OF CONCEPT

Prototype scale 1/12 in the Okahina Lab Paris

[VIDEO](#)



ARTICLES



- [FRANCE 3 TV](#)
- [PARIS MATCH](#)
- [L'EQUIPE](#)
- [BSMART TV](#)
- [SURF SESSION 1](#)
- [SURF SESSION 2](#)
- [SUD OUEST](#)
- [LES ECHOS](#)
- [FRANCE O TV](#)
- [FRANCE 3 TV](#)
- [SURFERTODAY](#)
- [THE INERTIA](#)

VIDEOS OKAHINA

OKAHINA YouTube

- [OKAHINA WAVE ECO-CONCEPTION](#)
- [ITW OKAHINA WAVE X Joel de ROSNAY SCIENTIST](#)
- [ITW OKAHINA WAVE X Damien CASTERA PRO SURFER](#)
- [FIRST OKAHINA'S BARREL WAVES!](#)
- [OKAHINA X UWL – WE SHAPE THE SURF OF TOMORROW!](#)
- [\(PARTNERSHIP – OPEN INNOVATION\) OKAHINA WAVE X AKUO ENERGY](#)



okahinawave.com

THE TEAM

A multidisciplinary ecosystem of 60 experts and active partners: Business developers, inventors, fluid mechanic engineers, structure, energy, naval architects, designers, urban planners, economists, ecologists, researchers-oceanographers, professional sportsmen, event organizers, logistics, industrial...

CONTACT

Laurent HEQUILY
Okahina Wave Founder

+33 6 71 25 03 05
WAVERIDING SOLUTION CIE
Paris - Bordeaux (France)
laurent.hequily@okahinawave.com



Okahina Aix-les-Bains