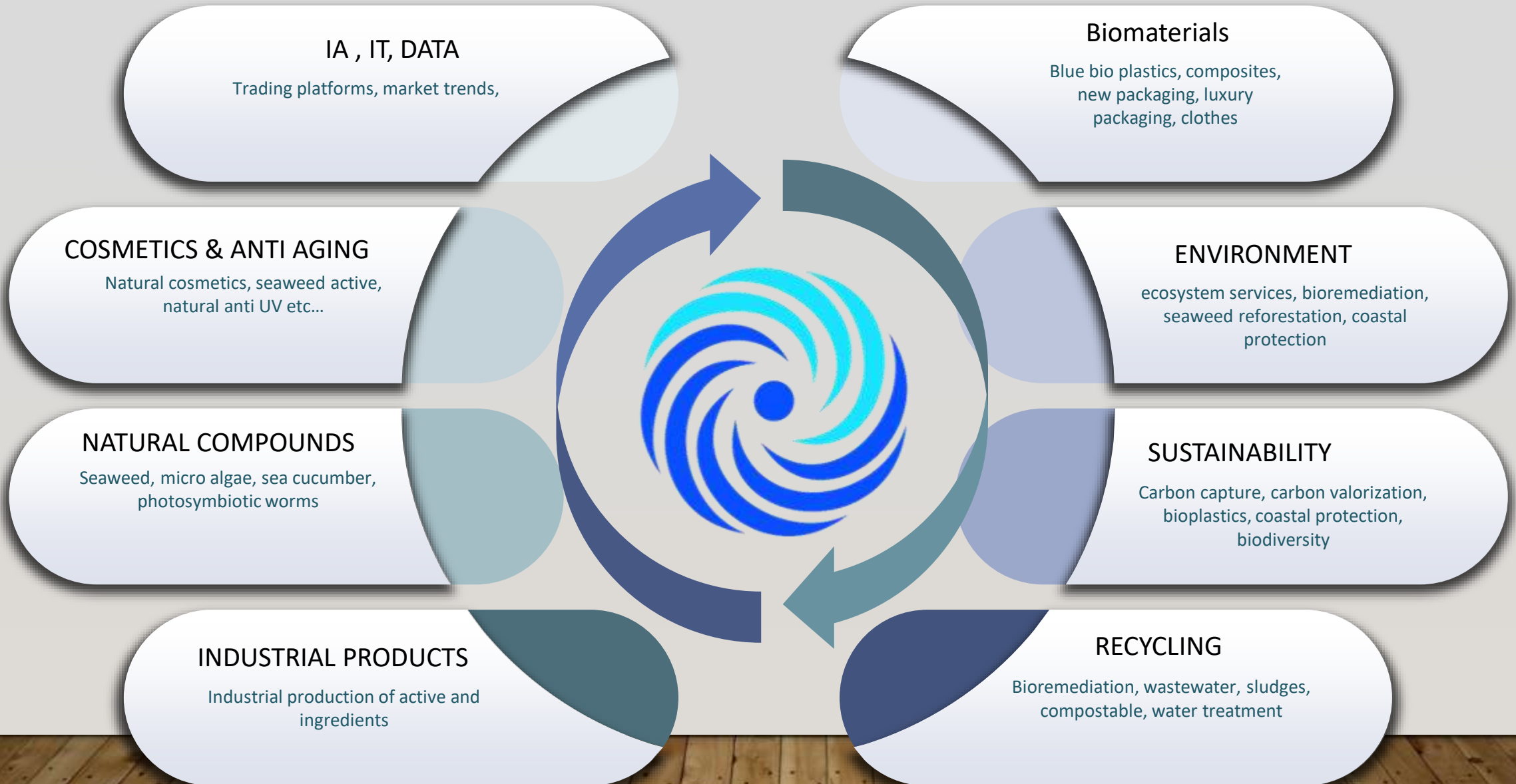


BIOMARINE AT A GLANCE

SUSTAINABLE BLUE BIO ECONOMY TO
IMPROVING LIFE



HOW THE BLUE BIO ECONOMY FITS IN BIOMARINE'S VISION?



OUR PLATFORMS



Business
Convention



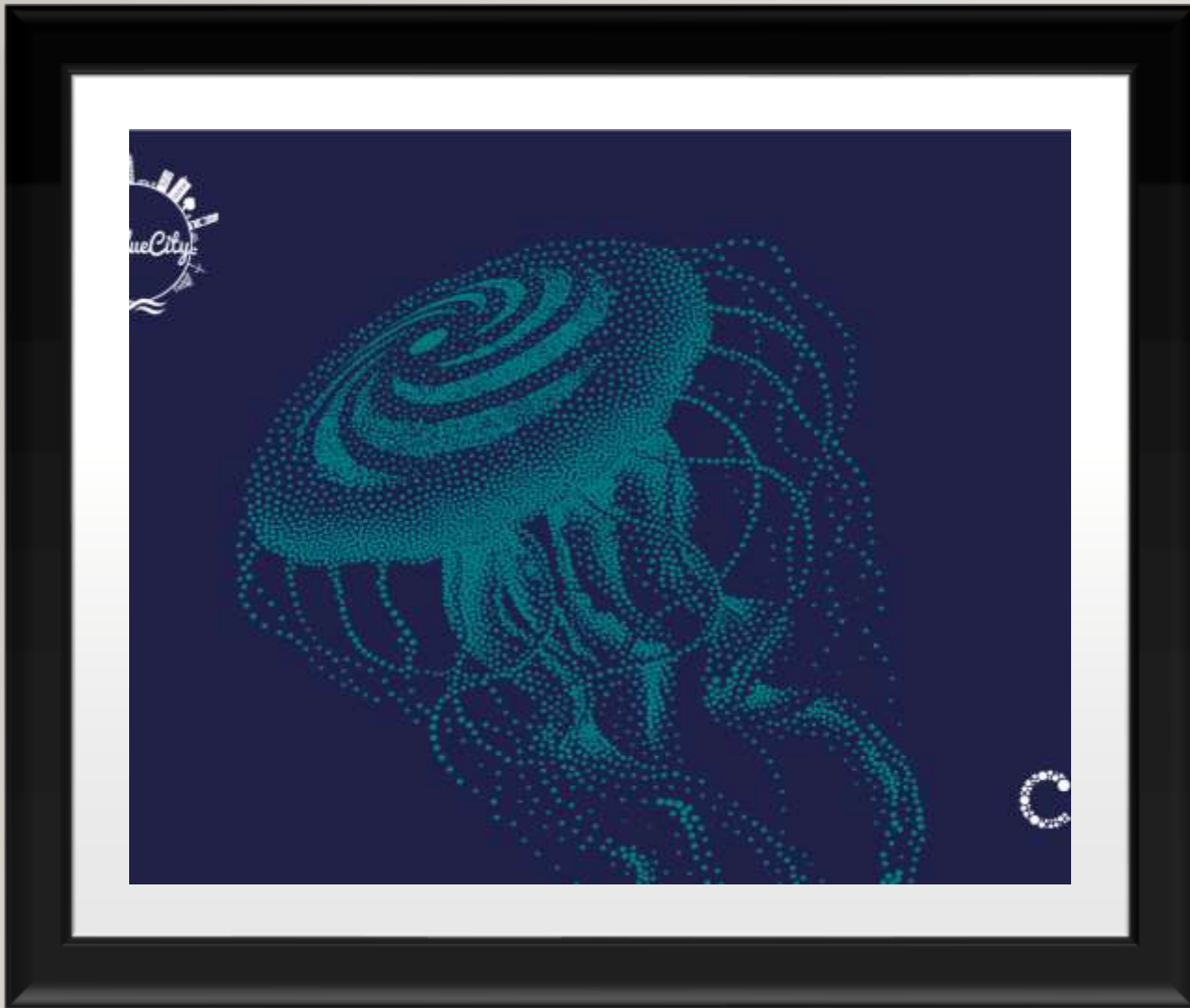
Community



Trade Show



Innovation
workshops



A TRUE INTERNATIONAL PLATFORM



BIOMARINE COMMUNITY[©]

- 6000+ Members
- 2356 Active Members (> 12 interactions / year)
- 38 countries represented
- 68% Industry
- 12% Investors & finance
- 10% Government Agencies
- 8% Science & applied science
- 2% others



BIOMARINE CONVENTION

FOCUSING ON LOW TROPHIC FOR

A TRUE INVESTMENT PLATFORM



Attendance & business

(average values based on previous editions)



Attendance & sectors



- *Feed*
- *Nutrition*
- *Environment*
- *Industrial Products*
- *Cosmetics*
- *Pharmaceuticals*
- *Bio-Materials*
- *Future technologies*

A TRUE IMMERSIVE PLATFORM



MYBLUECITY©

A UNIQUE TRADE SHOW



MyBlueCity is an immersive thematic expo for innovative and sustainable products /solutions / Services

Organized like a small town with up to 11 districts regrouping actors on a thematic basis or Services

Heart of MyBlueCity:
The agora with TV Studio where BioMarine's presentations, interactive debates, interviews will take place

MyBlueCity will show case up to 60 demos representing the best innovation from the blue bio economy

Postponed to 2021

A TRUE INNOVATION PLATFORM

BiotechMarine



2020 BIOMARINE INNOVATION WORKSHOP

PLANT CELL TECHNOLOGY

- 20 CEOs
- Discussing the latest developments
- Debating main regulatory issues
- Addressing public acceptance
- Establishing partnerships
- Inventing an international collaborative approach
- Preparing the grounds for a consortium
- Connecting with EU commission

In partnership with Seppic BiotechMarine, June 18th, 2020, French Brittany



OUR KEY PROJECTS



International
Blue Coop



Blue Bio Plastic
Consortium



BioMarine
Consulting

Forward
blue

Blue Forward
Fund

INTERNATIONAL BLUE COOPERATIVE

The International Blue Cooperative (IBC) aims to become the main player regarding sustainable and ethical blue ingredients.

Our goal is to empower *native and coastal communities* and create a more ecologically sustainable and socially viable model that is locally owned and managed. The IBC will work with entities to support growth, offering business development, political lobbying, knowledge sharing, training, governance and funding support. Ensuring safe practices through policies and governance, IBC will positively influence environmentally sound practices that will foster commercial growth and ensure a healthy ocean for future generations.

NEW SOCIO-ECONOMIC MODEL



Helping unemployed to convert to blue industry jobs and offer them new job horizons



Training people through specialized educational programs increasing value of the workforce



Working with native communities to promote and protect traditional know-how



Invest in infrastructure to scale up community in value chain from basic raw ingredients to high-end finished products



Set up new social programs that will help integrate children in the community's future while allowing parents to maintain healthy work/family balance

Contact: antoine.erwes@blue-coop.org

INTERNATIONAL BLUE BIO PLASTIC CONSORTIUM

The Blue Bioplastic Consortium is to take concrete action and federate the innovative Blue SMEs and startups, R&D, processing and distribution to bring them together and foster market diffusion of their technologies and value-added products through our international partners network.

The Consortium regroups SMEs with existing proven technologies which could, in a reasonable time frame, put forward an industrial solution to specific issues and problems.

Recognized as a major environmental problem the accumulation of plastic in the marine environment and threatening climate change, have not led to falling consumption and have not seen any decrease in global production of plastics, increasing by 4-5% every year.

Using renewable marine resources, sustainably cultivated or harvested by blue cooperatives as a building block for bioplastics will bring various environmental and financial advantages. Existing niche markets are keen to get green credentials. Larger companies and governments are also showing increasing interest.

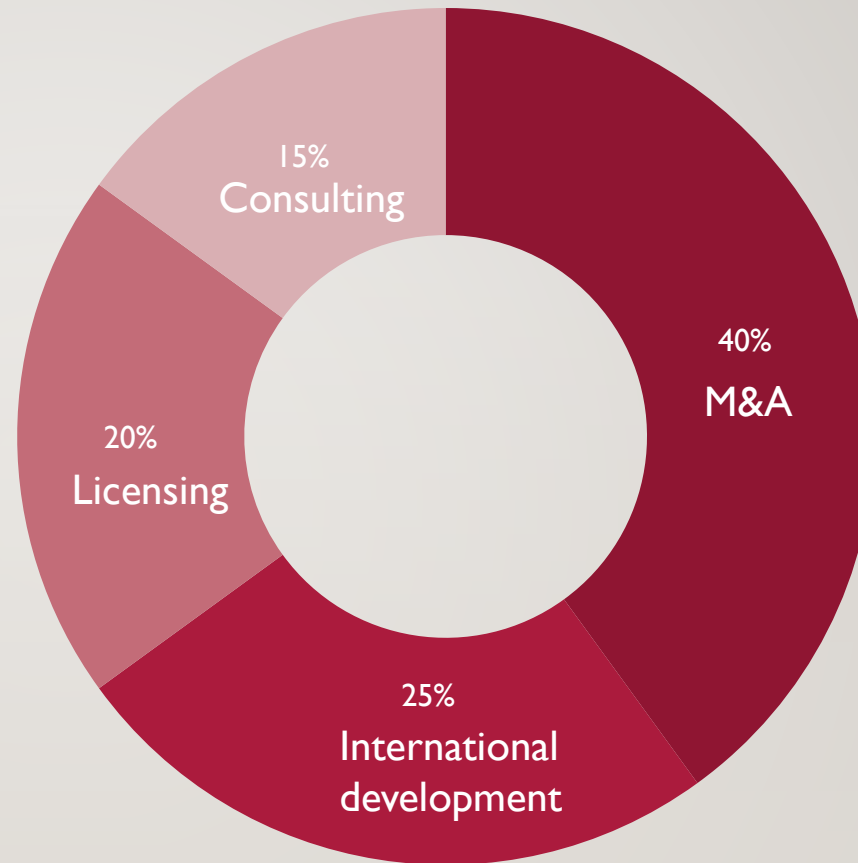


Contact: pierre.erwes@biomarine.org



12 mandates & representation agreements

- Blue strategy development and implementation
- Space Life support system
- Micro algae disruptive production
- Novel packaging
- Marine Cosmetics
- Marine Anti oxidant and Pharmaceuticals
- Blue Bio Plastic
- Photosymbiosis
- Offshore seaweed production
- Carbon capture and blue bonds
- bioluminescence
- Space



Contact: pierre.erwes@biomarine.org

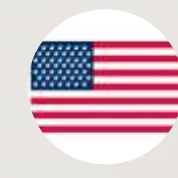
A FEW EXAMPLES OF NATURAL MARINE INGREDIENTS FOR COSMETICS & ANTI AGING



spiny lobster molts are converted into high value chitosan products with extensive applications in biomedicine & anti aging



Seaweed controlled cultivation and production process for a range of consistent, reliable high-grade products for skin regeneration and anti aging



Using marine biotechnology to develop high quality active ingredients, healthcare products and medical devices from sea cucumber: anti aging, skin reconstruction, wound care, etc...



The Cie focuses on development, production and export of health and cosmetic product from sustainably produced microalgae and wild-crafted Icelandic plants.



Strategic partnering of large-scale plant cell culture technology platform; Internationalization of unique cell plant ingredients and customized high-quality turn-key products. Developing international partnerships with cosmetic industry.



SOLUBLUE

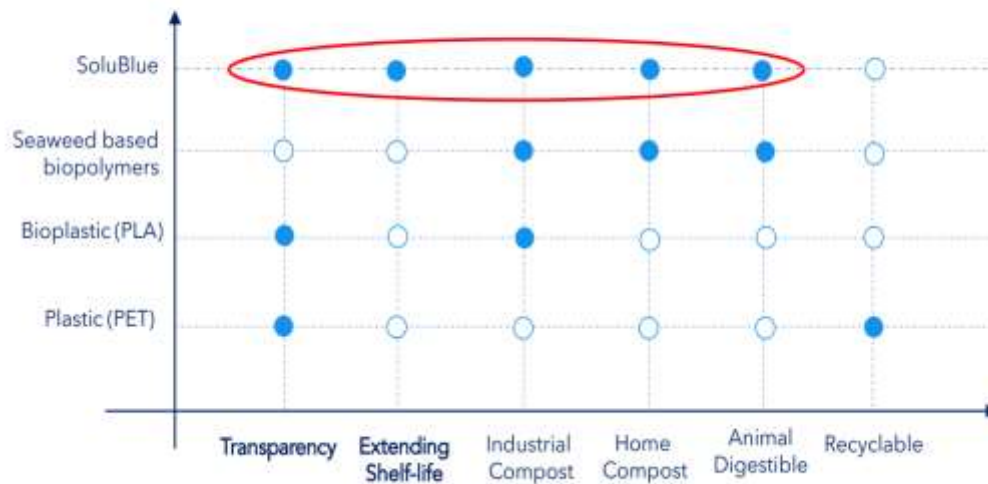
REINVENTING PLASTIC

A NEW APPROACH TO BLUE BIO PLASTIC



Competitive advantages of SoluBlue:

Combining extending shelf-life, transparency, biodegradability in single material



- Food Packaging
- Secondary packaging
- **Cosmetic packaging**
- Pharmaceuticals
- **Composites**
- Single use
- **Cool bags**
- **Polybags, Hangers,**

BLUE FORWARD FUND

Low trophic Aquaculture
& marine byproducts



New Ingredients & Algae
Production Systems



Marine ingredients
for Industrial Use



Marine disruptive
Technologies



Strategy

Venture and technology growth capital in Blue Economy

Size and syndication

- Target size of €200m
- First closing anticipated Q3 2020

Investment target

- Circa 12 to 20 innovative international companies with high-growth potential
- Blue Economy

Amount invested per company

- In average between €5m and 15m cumulated in one to three successive rounds of financing
- Potential co-investment for LPs

Geography

Europe, Australia, Africa, North America and Asia

Targets' stages of maturity

From start-ups to profitable tech SMEs with generally less than €50m of turnover

Duration of the funds

13 + 2 years



CONTACT US.

PIERRE.ERWES@BIOMARINE.ORG