Blue Bioplastic

Building a sustainable blue future!

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BioMarine Chairman
• What’s Biomarine?
• Biomarine 2018 / 1st Blue bioplastic workshop
• What’s blue bioplastic?
• Building blocks for bioplastics
• Global context
• A business platform focusing on investment and spin off
• Key candidates for blue bioplastic
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What is BioMarine?

**A Global Network**

71 countries
5678 professionals, SMEs, investors and government agencies
A recognized organization dealing with blue strategies and governments
An established partner of the European commission

**An annual investment platform**

Over 10 years of business networking experience
896 one to one meetings since 2008
An average of 52 M€ in deals per meeting
A unique synergy with governments including Quebec, Mexico, Portugal, Spain, French Polynesia, Alaska
Which accelerates international synergies and innovative projects

**A Unique Online Community**

6,000 Members
1,000 active players
A dynamic platform to foster business opportunities
A unique networking tool
On October 3rd 2018 in Cascais, 29 organizations participated to the innovation workshop - kick off event for the Blue Bioplastic consortium.

PARTICIPANTS

**Italy** : Cogea  
**UK** : BioBridge, HIE  
**Estonia** : Berrichi, Vetik OÜ  
**USA** : Alaska Blue pipe line,  
**France** : Algopack, bioThoT, Eranova, Olmix  
**Norway** : B’ZEOS, Nofima, Norinova, Norut, Polar Algae  
**Switzerland** : Bo Sens  
**European Commission** : DG Mare  
**Portugal** : A4F, Alga Plus, Amorim, Biotrend, Ciimar  
**Saudi Arabia** : Saudi Aquaculture Society  
**Belgium** : BioPlasticsNews.com  
**Canada** : CRBM, Qc ; DCP Dermiscience, Qc ; Innofibre, Qc ; Merinov, Qc ;  
**Germany** : Coastal Research and Management

The second workshop will be organized in Monaco during the ocean week 2019. Large international players will be invited to join us and ready to discuss future developments.
Blue bioplastic in marine biobased plastic, biodegradable or not.
Using renewable marine resources, sustainably cultivated or harvested, 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.
Recognized as a major environmental problem, the accumulation of plastic in the marine environment and the 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.
A business platform focusing on investment and spin off

The Blue Bioplastic Consortium will 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 will push forward the public and private sectors to contribute together to the common targets: innovation and sustainable production of bioplastics from marine resources like micro & micro algae, aquaculture, fisheries byproducts and other co-products.
Key candidates for blue bioplastic

- Distribution
- Cosmetics
- Packaging
- Airlines
- Furniture
- Toy industry
ALGOPACK – revolutionary material 100% vegetal and marine biodegradable! Extremely promising!

Why?
Renewable biomass, even invasive
No need in water
No pesticides or insecticides, no fertilizers
No agricultural land
Catches 960Kg of CO2 / T
B’ZEOS - Let’s replace plastic naturally and fight ocean pollution!

Why?
100m straws daily in EU
Bans on single-use plastics
Renewable & cheap biomass
Marine biodegradable, patentable
CO2 emissions reduction
ERANOVA – Transforming pollution into plastics!

Why?
Toxic green algae are a major source of pollution for the environment dangerous for humans and animals
Represents a cost for the regions
Green algae is rich in starch (13 times more than corn)
Patented technology provides marine biodegradable solutions for packaging.
CO2 benefits & land use benefits
Algae polymers can be extruded, thermoformed or blown
Innofibre (pulp industry) and Merinov (marine bioresources) have joined forces to foster innovation and diversification of biomass made products including seaweed.
January:
DG Mare call proposal to support 2 of our partners projects
Biomarine coop meeting in Tromsø during the arctic summit, Norway

February:
Industry and investor presentations

March 24th:
First meeting of the consortium during the Monaco ocean week, Monaco

April:
Blue bioplastic workshop during the EMD, Lisbon, Portugal

May:
Workshop: How to secure sustainable biomass, Seward, Alaska, USA

June:
Industry & investor presentation, Geneva, Switzerland

November:
BioMarine: presentation of the project to investors, Cascais, Portugal
Blue BioPlastic
Consortium