



SeaBird

Company

SeaBird is a pioneering French company specialized in the compounding of bioplastics. Our mission is to produce and formulate biobased and/or biodegradable bioplastic compounds that meet the unique demands of various environments and applications.

At SeaBird, we develop customized bioplastic formulations tailored to specific requirements, ensuring our compounds excel in their intended uses. Our innovative solutions have led to the creation of the first biodegradable trammel net in Europe, as well as groundbreaking formulations for aquaculture and marine applications. These include, but are not limited to, fishing nets, oyster meshed bags, fish crates, and mussel nets.

Our biobased and biodegradable polymers are also ideal for products with a high risk of environmental exposure or those meant to be left in nature, such as geotextiles.

SeaBird is dedicated to reducing the environmental impact of plastics, leading the way towards a more sustainable future.



Fields of activity

Our comprehensive approach ensures that our formulations are perfectly suited to your needs. Our services include:

- Development of biobased and/or biodegradable formulations adapted to specific environments
- Valorisation of mineral- and/or plant-based by-products
- Functionalization of formulations according to your requirements

In addition to creating bespoke solutions, SeaBird also commercializes its patented formulations for a wide range of applications. Our commitment to innovation and sustainability drives us to provide high-quality bioplastic compounds that make a positive impact on the environment.

BIOPLASTIC COMPOUNDS

Foundation

- 2011

Employees

- <10

Key topics

- Biobased
- Biodegradable
- Compounding
- Formulation

Key services

- R&D services
- Tailor made bioplastic formulations
- Production of patented compounds
- Bioplastic characterization

More information

seabird.fr

LinkedIn: SeaBird

Innovative projects in our DNA

SeaBird is a key player in numerous collaborative research and innovation projects at the regional, national, and European levels. Our commitment to advancing material science and technology drives our participation in these initiatives, enabling us to contribute to groundbreaking discoveries and sustainable solutions for the environment.



Through our collaborative efforts, we strive to push the boundaries of innovative material development, fostering excellence in the field. Join us as we continue to explore, innovate, and make a positive impact on the environment.

Examples of compound applications

Various fishing nets (trammel, gillnets, trawl nets and more)

Fishing gear are among the priorities for sustainable solutions as ALDFG in the marine environment cause long-lasting impact. Prototypes of fishing nets have been developed by SeaBird and tested in different real-life environments for several years with promising results.

Fish crates

With the SEA®113 compound specifically adapted to injection moulding of products fish crates are the perfect example of a robust application.

Oyster mesh bags

Biodegradable oyster bags are essential in reducing marine pollution. By adopting these eco-friendly alternatives, oyster farmers can demonstrate their commitment to sustainable practices and environmental stewardship.

Oyster spat collection cups

The biodegradable oyster spat collection cups have shown to give excellent results with the incorporation of oyster shell in the biobased and biodegradable compound, also a great way to valorise local by-products.

Mussel nets

Often an essential tool for mussel farming, mussel nets are easily subject to loss in the marine environment due to possible severe weather conditions such as storms. Biobased and biodegradable alternatives are therefore of great interest.

Packaging

The applications of SeaBird compounds are not limited to the marine environment, they find outlets in other sectors such as soft or rigid packaging for the food sector.

And many more...

If you wish to try our formulations for your product, please feel free to contact SeaBird!



CONTACT

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