

Beat: Business

## FINISTERE HOLDS THE LARGEST DEPOSIT OF FRENCH ALGAE FOR MANY APPLICATIONS

RESEARCH NUTRITION COSMETICS GASTRONOMY

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**USPA NEWS** - Finistère which literally means "End of the Earth" is located at the western tip of France, and adopts an ideal ecosystem for the algae, red or brown. With its 1200 km of coastline, this region, produced 70 000 tonnes of harvested algae per year, 90% of French production and the 1st in Europe.

THE FINISTÈRE HAS BEEN CREATED IN 1790 FROM LEON GALLIC STRONGHOLD-----

Finistère is a French department located in Brittany, code 29. Its name is in Breton "Penn-ar-Bed". Quimper is its capital and is located in 563 km from Paris.

Finistere was created in 1790 like the majority of French departments, formed from the Leon in the north, two thirds of Cornwall including Quimper, the capital, to the south, the far west of Treg at northeast, and a fraction of Vannetais southeast. Quimper, the second largest city in Finistère, is its capital, and Brest, Morlaix and Châteaulin respectively first, third and fourth arrondissements are the sub-prefectures.-----In ancient times, Finistère was

inhabited by the people of Gaul Armorican Osismii (Celts).

Brittany, has 1200 km odds with the sea water is rich especially rich in iodine, with an ideal temperature and salinity for the algae, green, or red algae. These physicochemical characteristics allied to the ancestral knowledge are of Finistère, the leader in the production processing and export of algae on this promising sector. Respect for the ecosystem and maintaining soft, traditional methods such as harvesting by hand contribute to the development of this natural resource with multiple applications. Source : General Council of Finistere

For example, algae are the subject of several research topics and development, marine biology and nutrition for their, specific properties, high protein content, as well as in cosmetics. Large gourmet chefs French have even invented few gourmet recipes seaweed.

A DEMAND MORE AND STRONGER FOR ALGAE IN THE WORLD-----

Algae are single-celled organisms that thrive globally in aqueous environments and convert CO2 into carbohydrates, protein, and natural oils. For some species, as much as 70 percent of their dry weight is made up of natural oils. (Mostly Omega 3)

There are two kinds of algae : Micro-Algae (e.g. Spirulina) and MacroAlgae (Green, Red, Brown).

Microalgae hold great promise because some species are among the fastest growing plants alive and are therefore one of the best sources of biomass, while other species have been estimated to produce between 18,700 and 46,750 liters of oil per hectare per year, nearly a hundred times more than soybeans' 468 liters per hectare per year.

The United Nations estimates that the world produces around 1,500 cubic kilometers of wastewater annually, of which more than 80 percent is untreated. This means there is an ample supply of nutrient-rich water for the algae, while algae treatment is available to offset the environmental impact of wastewater. (Source :The New Scientist)-----

San Diego, in California, is the world's mecca for businesses that are at the cutting-edge of commercial algae development? Now, commercial algae development is being parlayed into the world of fuels. Fossil-fuel based petroleum is originally derived from algae, or phytoplankton that eat algae. Counter to common myth, petroleum is not made from dinosaurs " it's much, much older than that. While it takes nature 300-400 million years to produce oil, San Diego's commercial algae companies can do it in just a few days. Source; Algae Capital of the World, fuelinggrowth.org-----

In Brittany, France, the production of microalgae, comes from the production of seaweed boats and 65 000 tonnes of the crop walk over 5,000 tons. Only 50 tonnes comes from culture. Finistere has managed to position itself as European leader and has succeeded in making this natural resource a global reputation thanks to the French know how that characterises the algae applications. Ideas abound for French side constantly innovate to the valuation of the algae and even make love in French (more traditionalist in their cuisine), the tasting of recipes based on algae. Finistère clings to its ancestral methods and tradition that is oriented towards innovative applications henceforth facing future needs. (Source : Departmental Council of Finistère).

WHO ARE THE LEADERS OF PRODUCTION AND EXPORT OF ALGAL OF BRITAIN FINISTÈRE-----

The position of France in the 10th largest producer of seaweed augurs great prospects in this recent sector whose multifaceted offers potential for innovation at a time feed, better and the planet but also contribute to the energetics transition for fuel .

GLOBE EXPORT, is a company specialised in production and distribution of food algae and the algae based products ave a hundred different references. GlobeExport was awarded in 2014 by SIAL (International Food Exhibition, in Paris) has received the Innovation Prize in the category of seafood.

AQUA B is installed in the Breton port of Lesconil, cultivate, harvest, transform and seaweed which it markets under the brand "Marinoe" " tapenades" (Spread of Algae) for toast, and desserts enriched with calcium from seaweed.

AGRIVAL: is a subsidiary of the SICA de Saint-Pol-de-Leon, located in Plouenan is specialised in the manufacture of natural ingredients of plant origin like algae. These ingredients are used in cosmetology, nutrition, and nutraceutical, and agriculture.

There are reasons why investors are pouring money into commercial algae development. The technology is not 20 years away. There are jobs to be created and there's money to be made growing algae in Finistere and elsewhere, where algae growths properly.-----For more information see: [www.finistere.fr](http://www.finistere.fr), [www.cg29.fr](http://www.cg29.fr)

See the next article on FINISTÈRE COMPANIES THAT HAVE SUCCESSFUL IN INNOVATIVE IN ALGAE

**Article online:**

<https://www.uspa24.com/bericht-4354/finistere-holds-the-largest-deposit-of-french-algae-for-many-applications.html>

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