



## STUDIMA

### **ANIMAL HEALTH NUTRITIONAL COMPLEMENT BASED ON MICROALGAE TO STIMULATE BIOLOGICAL DEFENCES**

The extensive use of antibiotics in livestock heightens the risk of antibiotic resistance.

Marine algae represent a source of natural bioactive molecules for potential use in livestock feed as a means to inhibit the development of pathogens and stimulate the immune response.

As a result of their nutritional and environmental benefits, microalgae constitute an excellent complement to livestock feed for making animals more robust in the face of infections, thereby reducing antibiotic use.

The object of the STUDIMA project is to produce and develop microalgae to perfect new additives destined for the productive livestock nutrition/health market by targeting three species – pigs, poultry and dairy cattle – for the following target indications: antibacterial, antiviral, anti-parasite, immunostimulant and antioxidant activity.

**The STUDIMA project is recognised by the Pôle Mer Bretagne Atlantique, Pôle Mer Méditerranée and Pôle Trimatec clusters.**

## Partners

### **Companies**

Greensea, Meze [[Project Developer](#)]  
Amadéite, Bréhan

### **Research center**

Institut National de la Recherche  
Agronomique (INRA) Physiologie de la  
Reproduction et des Comportements,  
Nouzilly

## Funders

Fonds Unique Interministériel  
BPI  
Région Bretagne

## Labelisation

22/04/2016

## Overall budget

2 580 K€