



## LISAQUA

### A LAND-BASED RECIRCULATING FARM FOR RAISING AND COMMERCIALISING GUARANTEED 'TRIPLE ZERO' PRAWNS

LISAqua is developing innovative fish-farming production processes inspired by nature. In particular, the company is planning to raise and commercialise the first fresh local prawns to be guaranteed 'triple zero': zero antibiotics, zero contaminant discharge and zero deep-freezing.

To farm its 'triple zero' prawns, the company is currently developing a land-based recirculating farm for co-cultivating marine species that involves alternative feed methods.

LISAqua is researching the selection and cultivation of species of biofilters (algae and invertebrates) to maintain high water quality for the farming process and to filter out all the waste produced by the prawns. This will eliminate any contaminant discharge and will maintain the farmed prawns in a good state of health without the use of antibiotics.

LISAqua's project will establish an initial prototype farm with the capacity to produce 20 tonnes of prawns a year by 2021. This will be the first stage before moving on to an industrial process with an annual production capacity of 100 tonnes.

#### Partners

##### COM\_PROJECTS\_CATEGORIE\_PARTNER\_ENTREPRISES

LISAQUA, Nantes [\[Project Developer\]](#)

##### Research centers

Agrocampus Ouest, Institut Agro Rennes-Angers, Rennes  
CTCPA, Centre technique Agroalimentaire, Nantes  
IFREMER, Laboratoire PBA (Physiologie et Biotechnologie des Algues), Nantes  
ONIRIS, Ecole Vétérinaire et Agroalimentaire, Nantes

##### Other partner

SMIDAP, syndicat mixte pour le développement de l'aquaculture et de la pêche en Région des Pays de la Loire, Nantes

#### Funders

Bpifrance  
Fonds Européen pour les Affaires Maritimes et la Pêche (FEAMP)

#### Labelisation

24/05/2019

#### Overall budget

3,12 M€