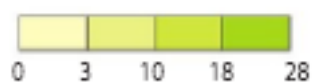


Brittany, a territory of maritime innovation?



Productive territories between sea and land



% of maritime employment



Competition pole

University

Global maritime route

Communication access

Airport



An attractive environment

Urban pole: number of inhabitant in 2018

Port (fishing and commercial)



Fishing zone

Aquaculture

Coastal tourism

The global Sea Campus at Plouzané, near Brest



Dark orange dot: Cap Ocean building

Red: Technological parks – Brest-Iroise and Pôle Mer Bretagne Atlantique

Pale orange: Research institutes

Yellow: Ifremer

Maritime strengths of Brittany

With 2700 km of coastline composing a wide variety of environments and landscapes, Brittany represents one third of the metropolitan coastline. Activities related to the sea (fishing, shipbuilding, the Navy, maritime commerce) have undergone considerable restructuring in recent years. But the sea remains an extremely promising area for the future of Brittany: it is about "reinventing" the sea, to value in a different way this coveted space, in a perspective combining high technology and durability. New maritime horizons are emerging today around marine energies, sea biotechnologies and oceanographic research. New forms of resources are derived from the sea, such as the utilization of algae or marine biomass. Brittany centers of excellence working in this field are recognized internationally. This is undoubtedly one of the keys to the future development of the Brittany region

Adapted from L. Carroué, La France des 13 régions, 2017

Brit'Inov, a sea cluster located at Ploufragan, near St Brieuc



This cluster incorporates 20 businesses which develop new foods and cosmetic products based on sea algae. It is particularly targeting the Asian market (Japan and China).

Activity

Explain, in around 15 lines, how Brittany is adapting to the global challenges facing the fishing industry by becoming an attractive, and innovative maritime production space.