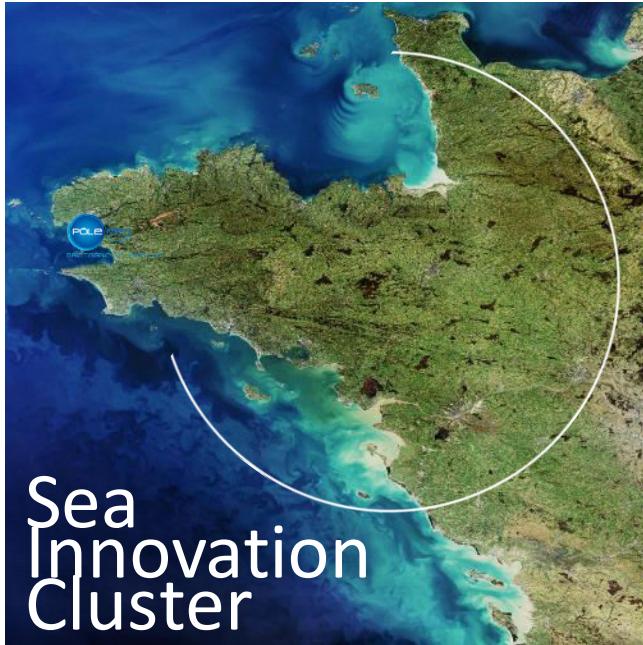


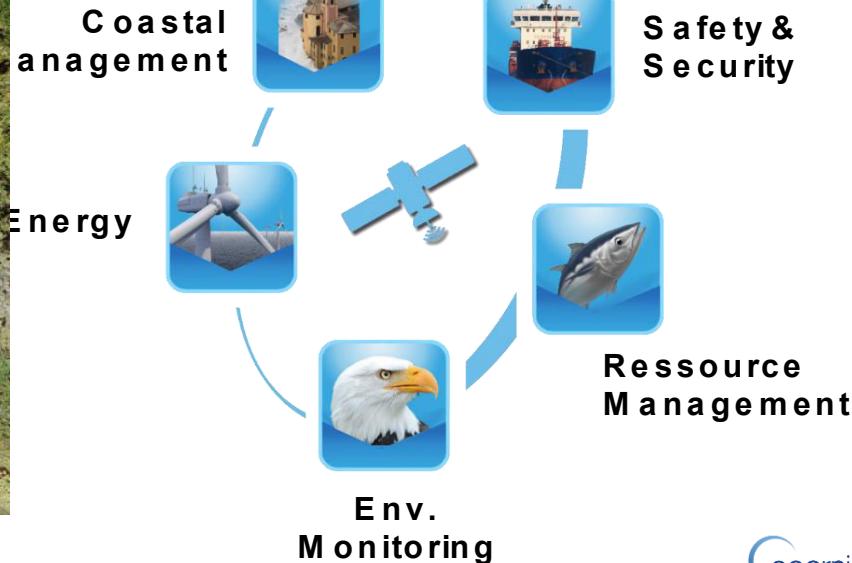


BRETAGNE ATLANTIQUE



About us

MORESPACE BOOSTER

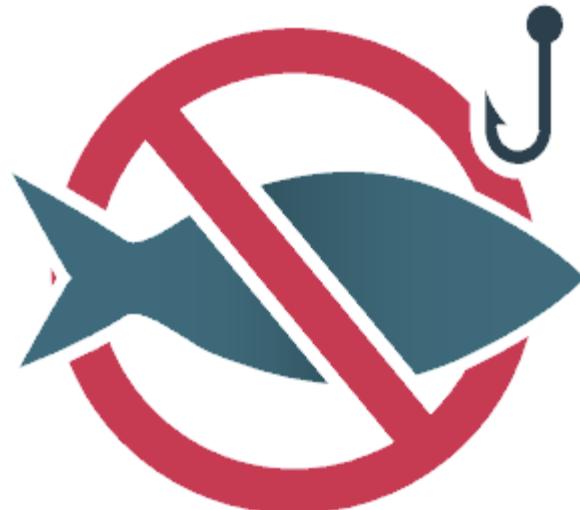


'...make sure that spatial opportunities reach our regional ecosystem...'



The technology perspective

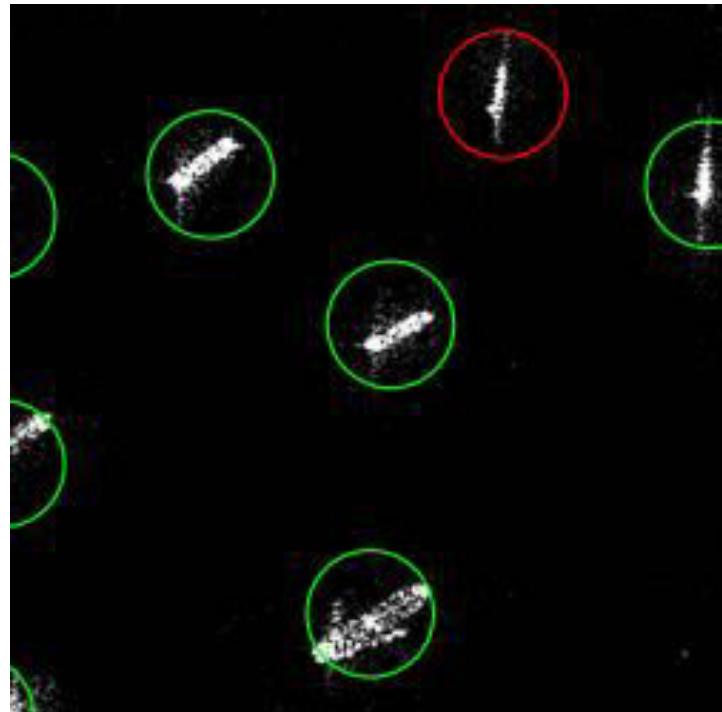
- Up to 1 in 5 Fish Sold Is Caught Illegally...
 - Fight illegal fishing
 - Promote sustainable fishing
- 3 examples where space technologies bring added value



VMS beacons + SAR Images

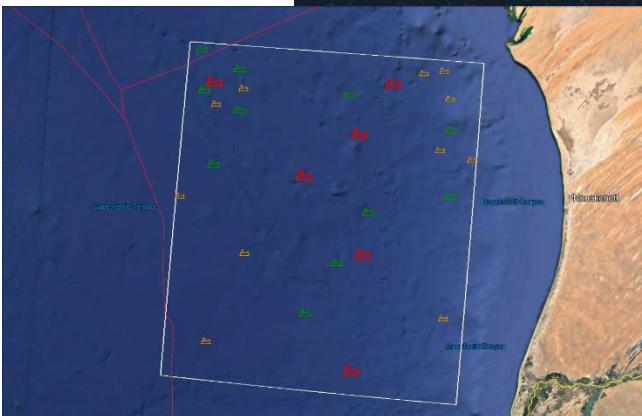
- Combination of technologies

- Complementary informations
 - Tracking by VMS
 - SAR vision
- Identification of 'authorized' boats
- Trigger 'inforcement' intervention

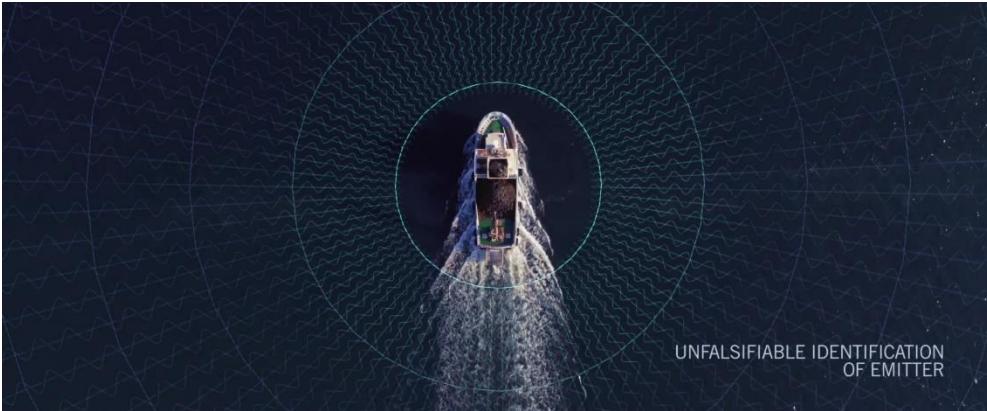


- New technology for ship detection

- Non collaborative ships
 - With or without AIS
 - Unfalsifiable identification of emitter



Raw UNSEENLABS data



Analysed UNSEENLABS data

- **Oceanographic services**
 - Understand ocean conditions
 - Optimize fishing trips
 - Optimise fishing practices

- **Smart buoys**
 - Biomass detection
 - Biomass information
(selectivity)

CatSat + ORBIT²



THALOS

ADVANCED MARITIME SOLUTIONS

- **More digitalisation**
 - More data, more fusion
 - Artificial Intelligence
 - Anormal Behaviour detection...

- **Data and technologies from space remain critical**
 - Observation
 - Telecommunication
 - Positionning

