

## Planche 1-1 : Pleasure craft density and posidonia oceanica habitat

Notes: the initial request from Plan Bleu was to design a map showing the impacts of the recreational boating (anchoring) on the Posidonia Oceanica meadow. The layering of the 2 main information (anchoring of recreational boats VS Posidonia Oceanica meadow coverage) doesn't show exploitable results at the regional scale. So, 2 maps have been designed and compose this first map's board.

### Data description:

A vessel density map is a data product that shows the distribution of ships (i.e., of maritime traffic), based on the instantaneous number of vessels per unit area, such as a square kilometer, a square degree, etc. Vessel density maps are generated from ship positions retrieved from the Automatic Identification System (AIS).

More details:

[https://www.emodnet-humanactivities.eu/documents/Vessel%20density%20maps\\_method\\_v1.5.pdf](https://www.emodnet-humanactivities.eu/documents/Vessel%20density%20maps_method_v1.5.pdf)

### Mapping method:

Different density classes have been defined following equal interval (0.25) method and starting from 0.1 which is the minimum non-negative value.