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JRC SCIENTIFIC AND POLICY REPORTS

## Guidance on Monitoring of Marine Litter in European Seas

A guidance document within the Common Implementation Strategy for the Marine Strategy Freeneworks inc. tile

MSFD Technical Subgroup on Marine Litter

2013



Joint Research Centre





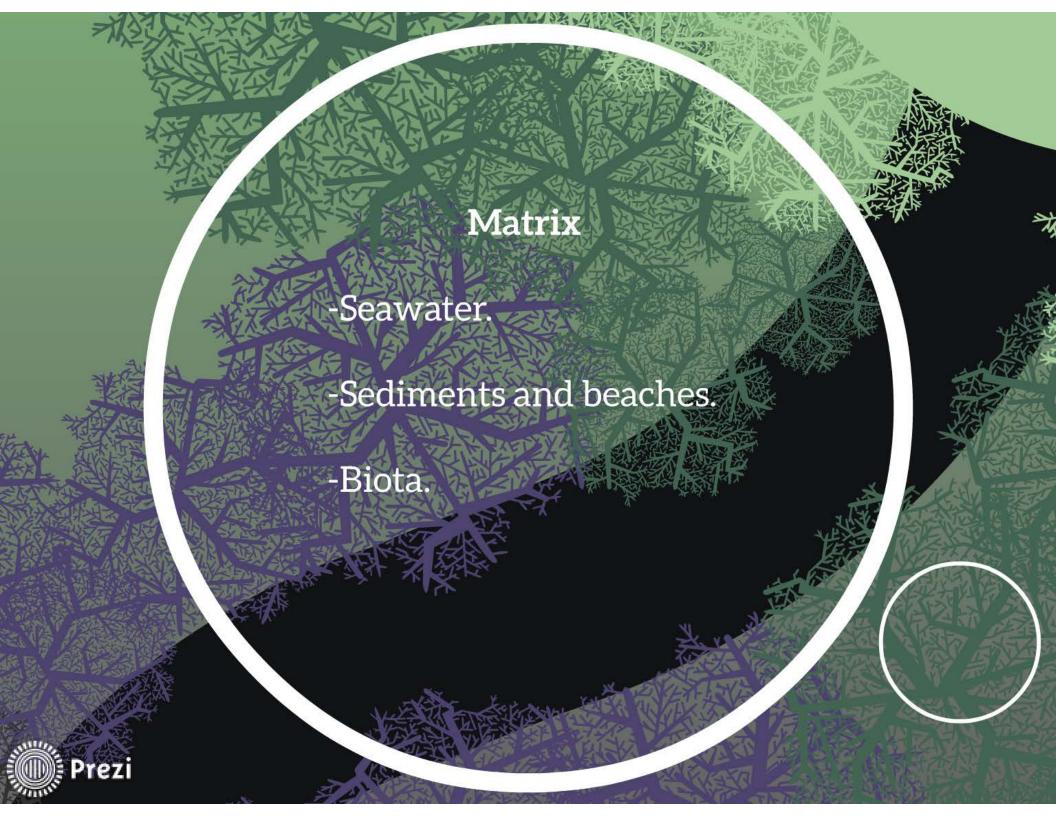
< 1mm or < 5 mm

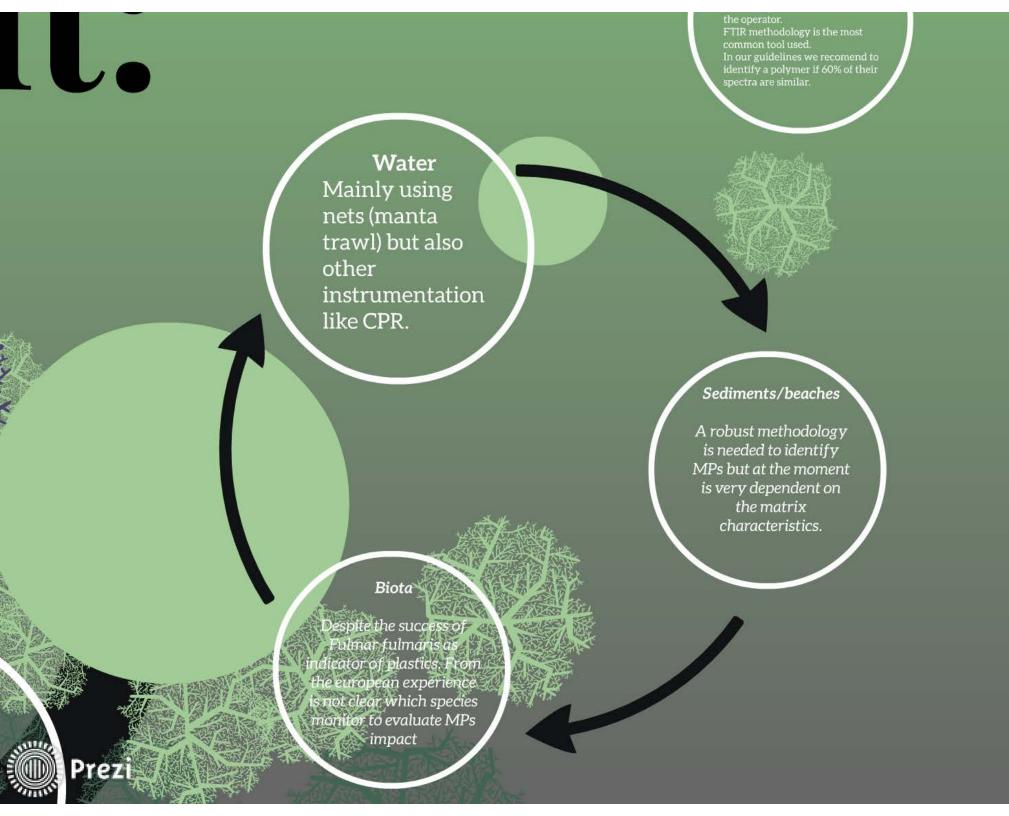
both limits are valid but we should upper limit encourage to use definitions that can help in the knowledge like a puzzle.

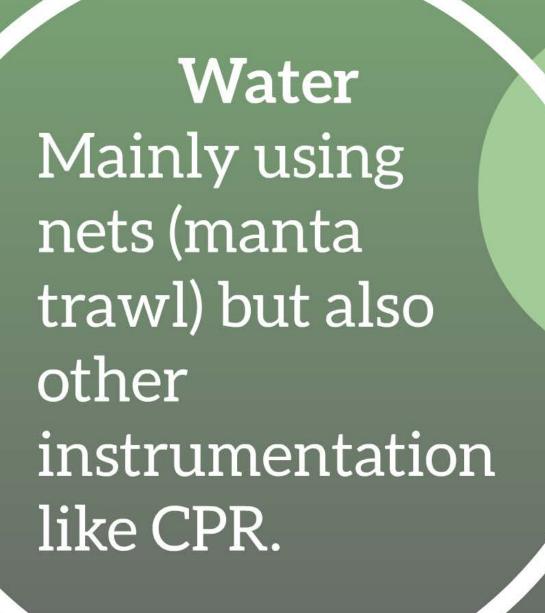
lower limit

Mainly dependent on the separation process from the matrix.







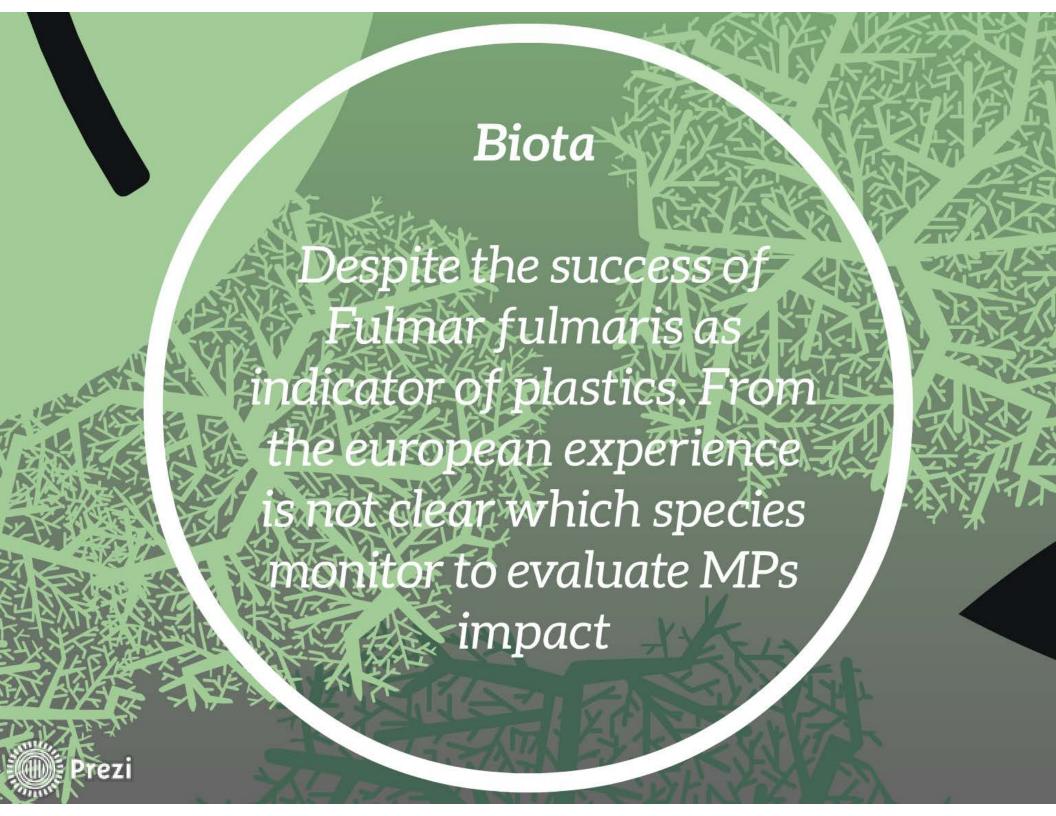




## Sediments/beaches

A robust methodology is needed to identify MPs but at the moment is very dependent on the matrix characteristics.





## **Identification of MPs**

Separation of MPs with microscope is very dependent on the abilities of the operator.

FTIR methodology is the most common tool used.

In our guidelines we recomend to identify a polymer if 60% of their spectra are similar.



