

WAVYNOS

Drifter Based Nearshore Observation System

A RADICALLY NEW APPROACH TO IN SITU MONITORING OF LITTORAL AREAS

WAVYNOS project joins partners from Portugal and Norway to develop, produce and test three new types of smart portable drifters that can be deployed by untrained users to quickly collect valuable data in the coastal ocean.

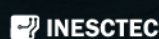
Funded by

Iceland
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WAVYNOS drifters will be available with different payload sensors:

WAVY-Echo

Designed to collect bathymetric and backscatter data in the nearshore, including the surf zone. Data can be used to characterize the seafloor and identify features in the water column.

WAVY-Listener

Equipped with a hydrophone to acquire samples of sounds. Data can be used by ecologists to detect different types of animals, its movement and any existing threats.

WAVY-Imager

Equipped with a down-looking optical camera to collect video footage of the bottom or any object in the water column. Data will help in seafloor characterization and habitat classification but many other applications are expected to arise from this sensor such as ecology studies and detection of marine litter.

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