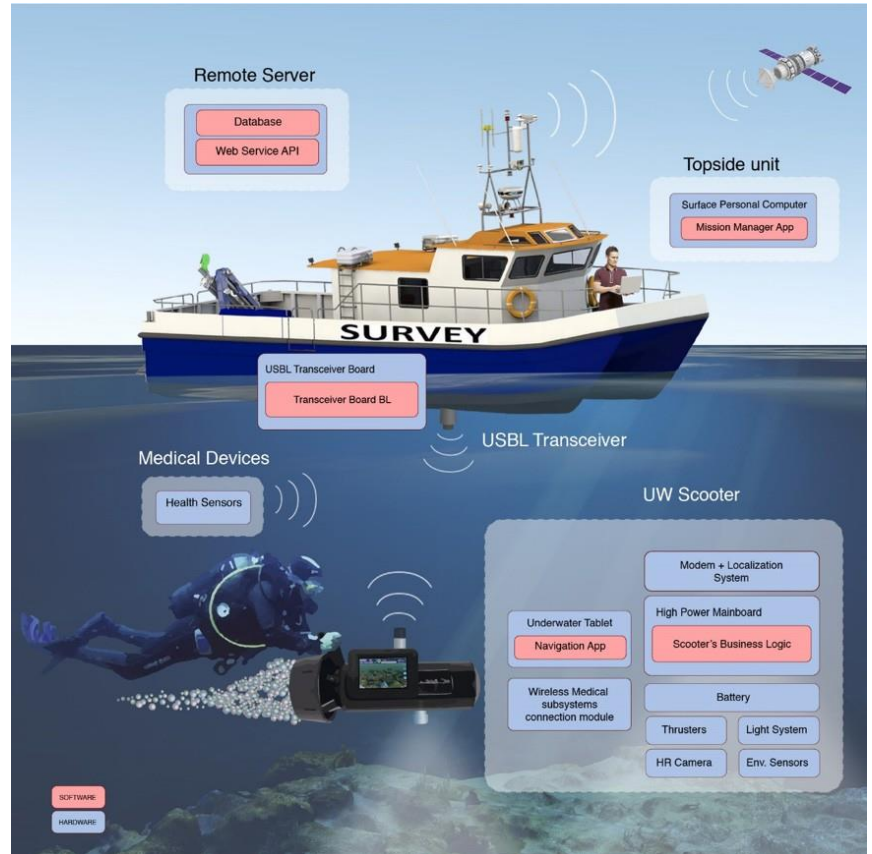


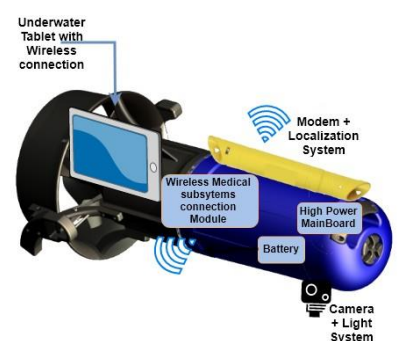
# DIVE SAFE

## Integrated system for scientific and environmental underwater surveys, with advanced health & safety features

DiveSafe is a European Project co-financed by the European Maritime and Fisheries Fund of the European Union. The main objective of DiveSafe is to integrate existing technologies in order to deliver to the diving market (primarily professional/scientific and secondarily recreational) an innovative product that will allow divers to safely and efficiently conduct underwater surveys for accomplishing tasks related to visual census, photographic and photogrammetric documentation, exploration of unknown areas, search and recovery, touristic visit of wide underwater sites, etc. The system will be mainly composed of:

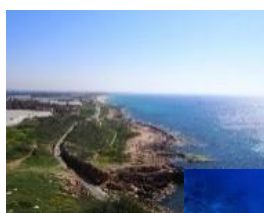


- an **UNDERWATER SCOOTER** equipped with payloads and a mainboard with high computational capacity, manageable from an underwater tablet;
- an **UNDERWATER TABLET** and Apps for surveying, navigation and mission planning/real-time monitoring;
- a **DIVER LOCALIZATION SYSTEM** based on the USBL method;
- wearable **SENSORS FOR BREATHING/HEARTBEAT AND GLYCEMIA** monitoring;
- an **ACOUSTIC MODEM** to support both USBL localization and communication channel, for relaying data such as positioning and diver health data, to the surface supply vessel.



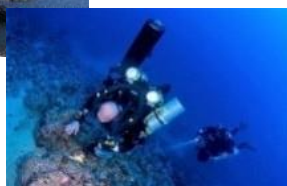
The product will be tested in controlled environments (laboratory pools and at the Istanbul Aquarium) to verify its functioning, then validated by marine archaeologists at pilot sites in the Mediterranean Sea within underwater areas with cultural heritage (UCH) interest and in Marine Protected Areas (MPA):

### Caesarea, Israel

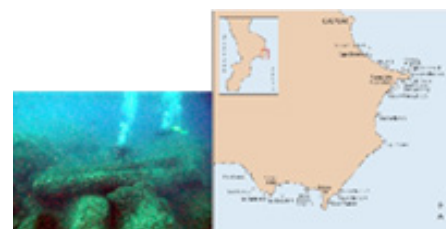


### Rosh Hanikra, Israel

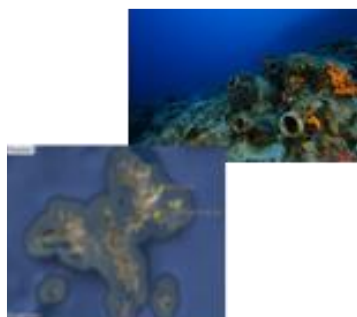
Nature Reserve



### Isola di Capo Rizzuto, Italy



### Fourni, Greece



### DiveSafe in Social Media



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## PROJECT PARTNERS



Co-funded by the EMFF programme of the European Union