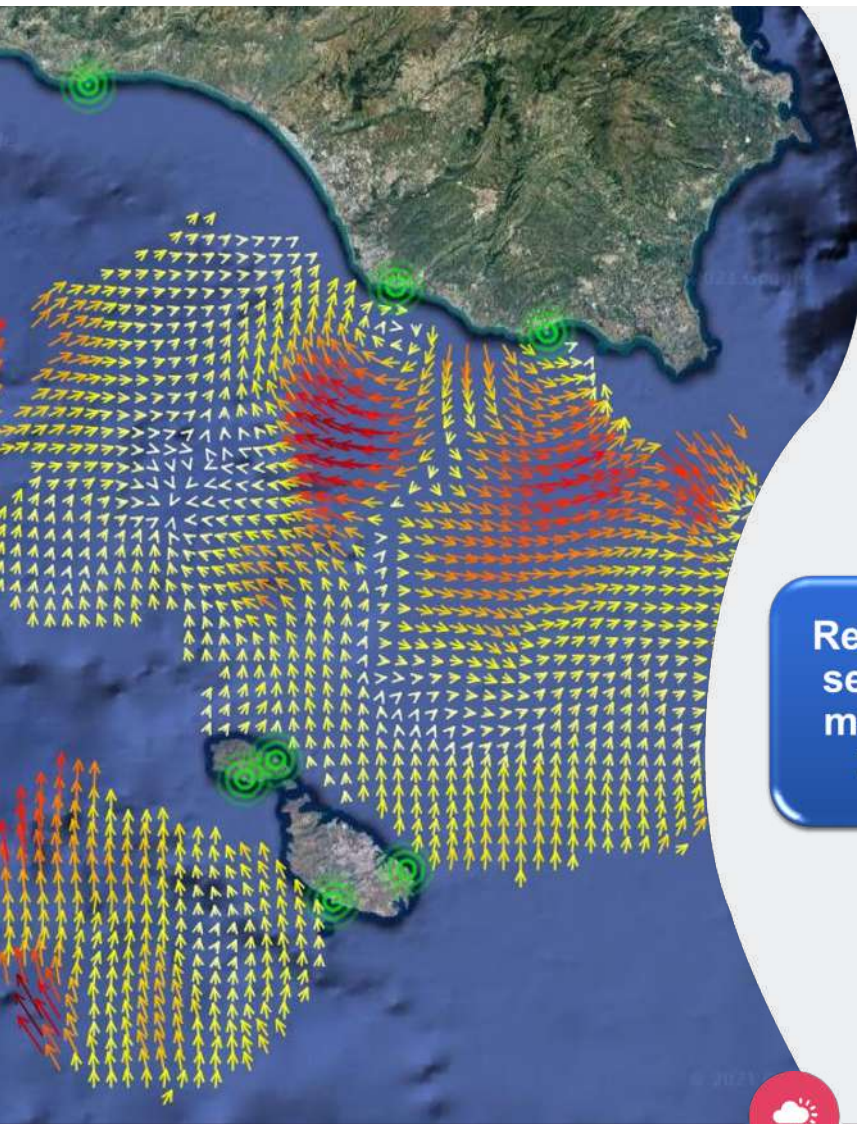


Interreg Italia-Malta

Calypso South



Fondo Europeo di Sviluppo Regionale
European Regional Development Fund



CALYPSO HF radar network

7 HF radar units covering
a quarter of the Sicilian Channel
(13,000 km² of sea)

Real-time delivery of
sea surface current
maps every hour at
3 km resolution

Targetted applications
for marine protection,
safety and rescue



Lead partner

Physical Oceanography Research Group
Department of Geosciences
University of Malta

Project Leader: Prof. Aldo Drago
Tel: +356 2340 2833
aldo.drago@um.edu.mt

www.calypsosouth.eu



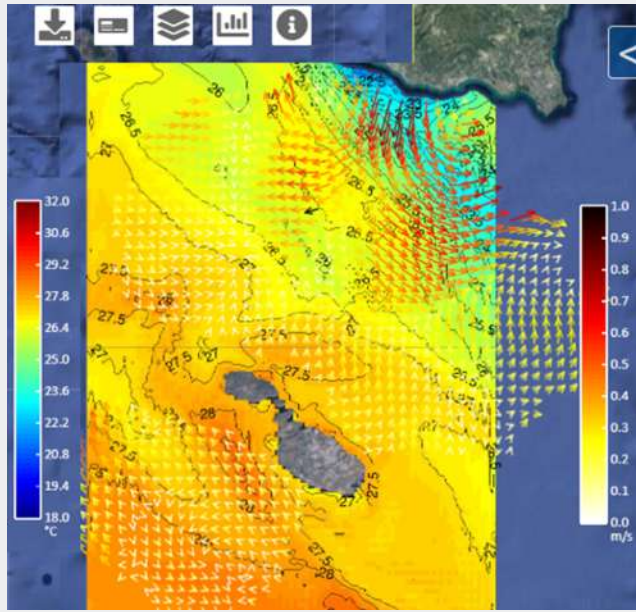
Installed: 2021
 Station: LICATA
 Position: Gulf of Gela
 Site: Licata harbour



Installed: 2015
 Station: RAGUSA
 Position: Malta-Sicily Channel
 Site: Marina di Ragusa (Sicily)



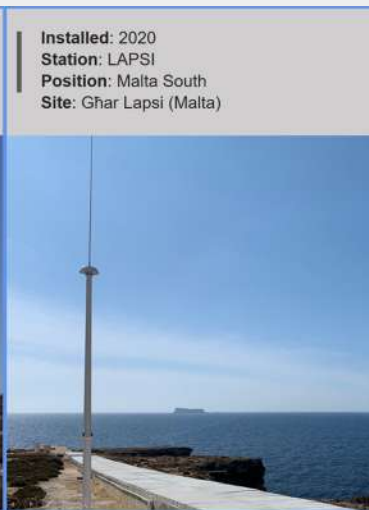
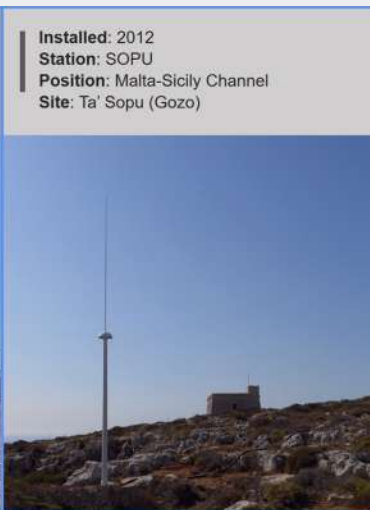
Installed: 2013
 Station: POZZALLO
 Position: Malta-Sicily Channel
 Site: Pozzallo Harbour (Sicily)



Sea surface currents map from PORTO online



capemalta.net/porto-online



The CALYPSO HF radar network is a trans-boundary marine monitoring system comprising seven stations positioned on Malta, Gozo and the southeastern Sicilian coast to operationally observe sea surface currents and waves. In combination with computer models, the system provides essential nowcast and forecast information on the state of the sea serving for safer navigation, oil spill response, search & rescue and fisheries monitoring. It is a backbone of the marine observing and forecasting systems of the two countries. PORTO Online offers a visualisation tool to compare the HF radar fields with other parameters from numerical models and third party data, such as from COPERNICUS.

