Sentinel Vision
SED-977
22 November 2021

2D Layerstack

Fishing zones & oil spill monitoring in North Africa

Sentinel-1 CSAR IW acquired on **04 October 2014** at 15:48:24 UTC
Sentinel-3 OLCI FR acquired on **21 December 2016** at 09:45:55 UTC
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Sentinel-1 CSAR IW acquired on **17 February 2020** at 15:48:16 UTC
Sentinel-3 OLCI WFR acquired on **15 November 2021** at 10:43:24 UTC

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Keyword(s): Pollution, biodiversity, fishing, oil and gas, oil spills, Egypt, Morocco, Tunisia, Mauritania

Fig. 1 - 1 of the 12 consortia financed by GMES & Africa is dedicated to the detection of oil spills and potential fishing zones in North Africa. 2D view

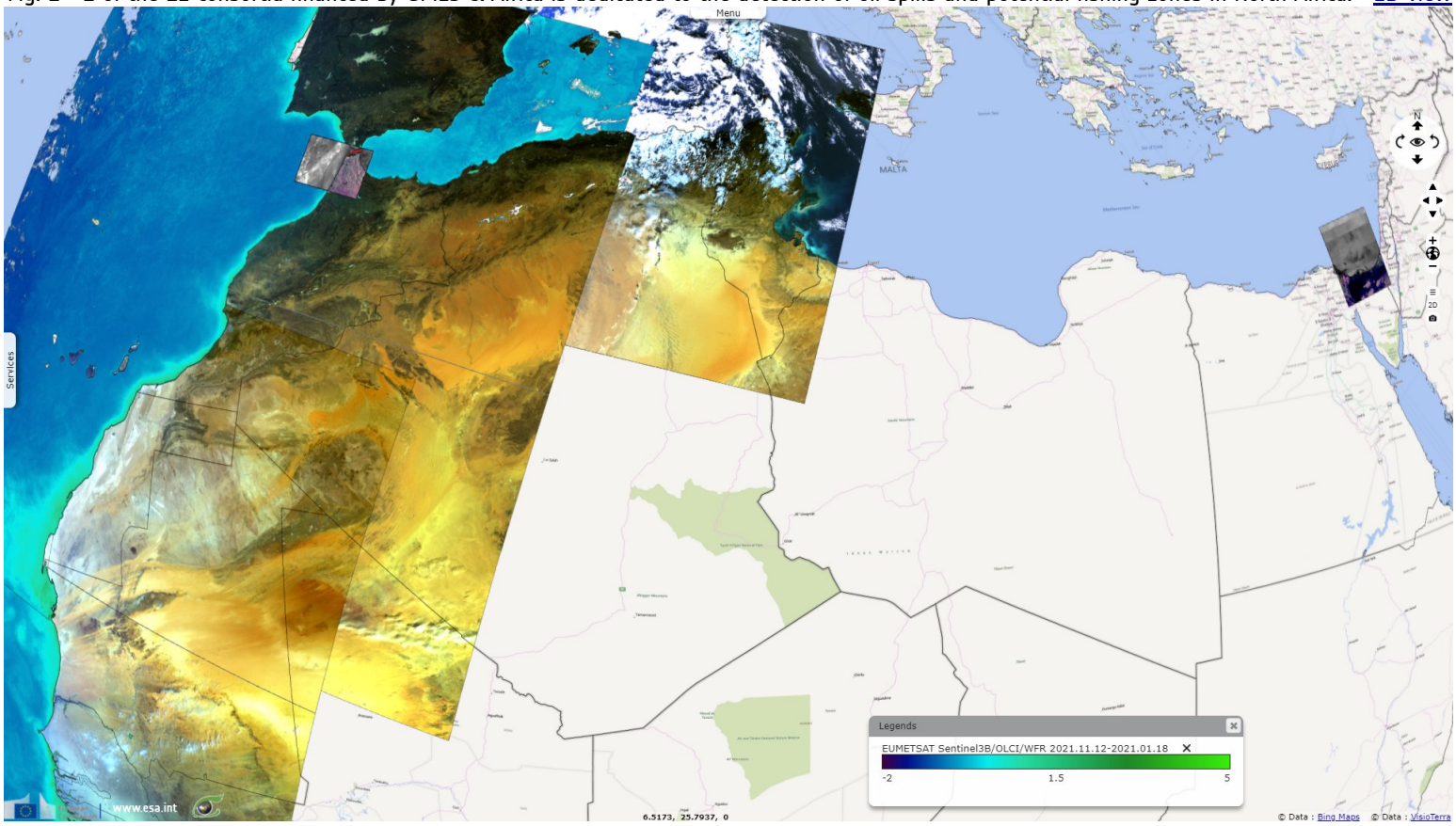


Fig. 2 - S3 OLCI (21.12.2016) - A 50 kilometres long oil spill (red corridor) caused by a ship (yellow circle) in Gibraltar strait. 2D view

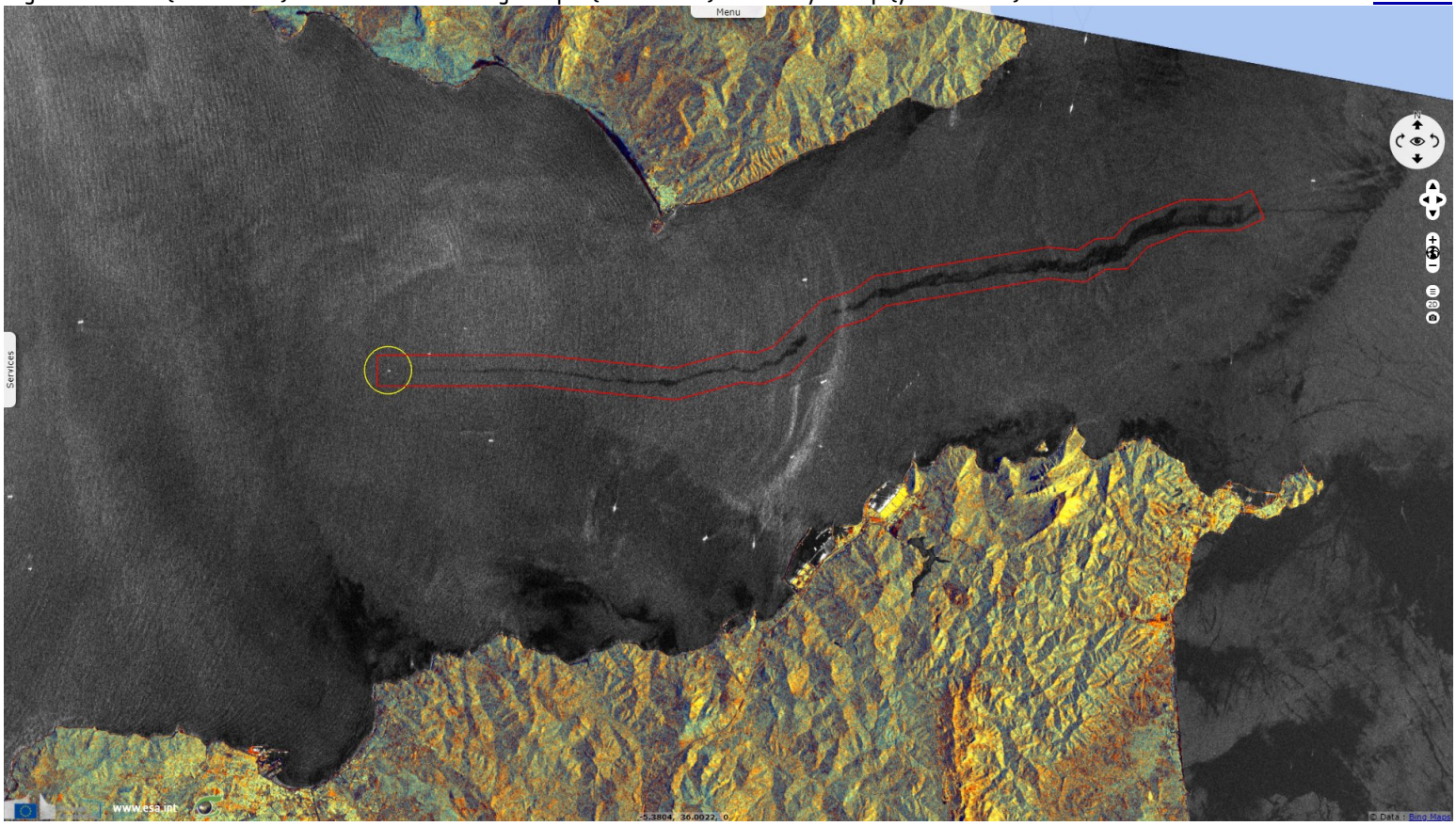


Fig. 3 - S3 OLCI (06-07.01.2019 & 18.01.2021-12.11.2021) - The upwelling along the Atlantic coast of Mauritania and Morocco makes its waters very productive.

2D view

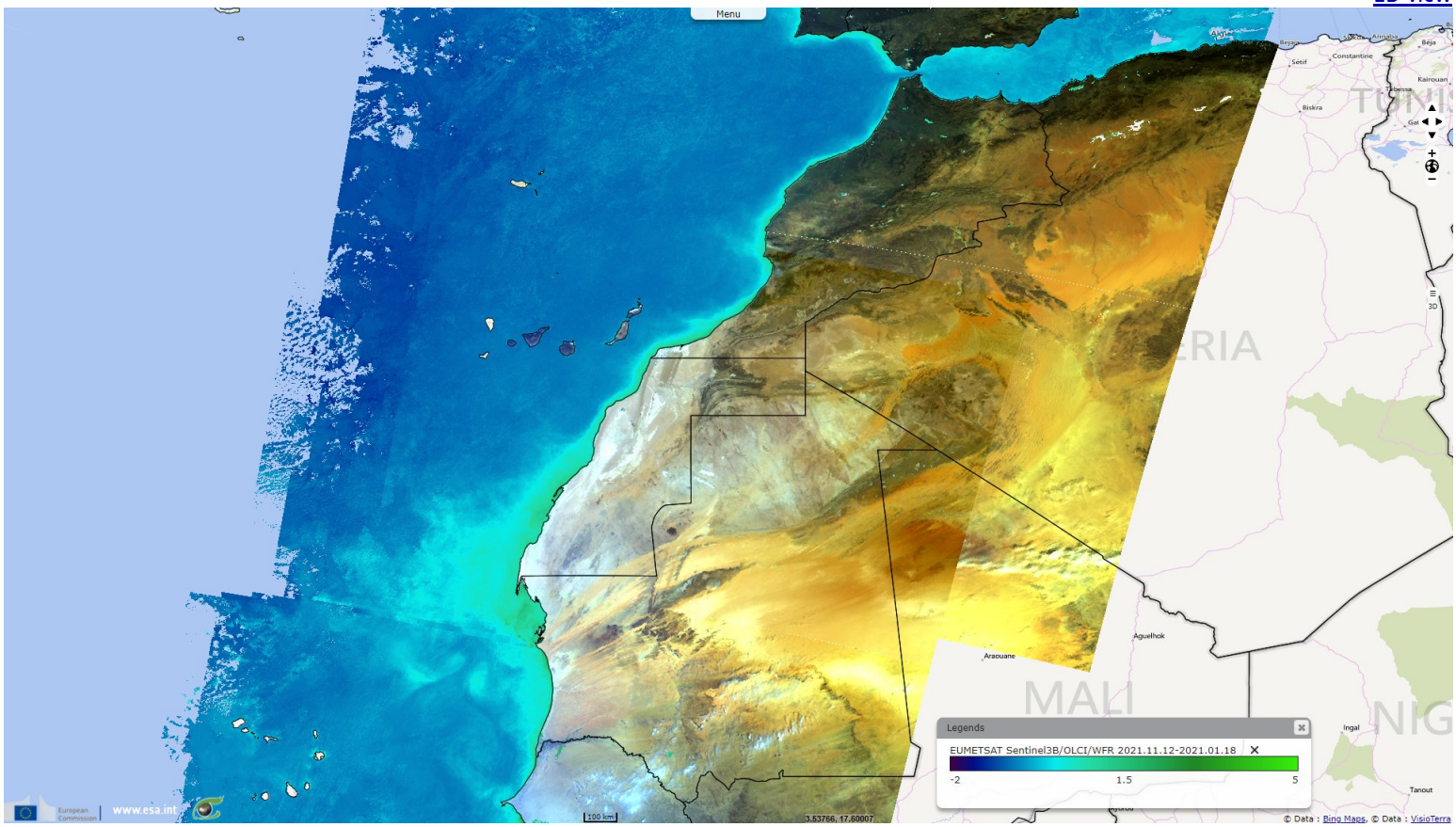


Fig. 4 - S1 (04.10.2014-17.02.2020) - Minimum of 9 dates showing numerous oil spills just outside Suez canal & near oil fields 20 km north. 2D view

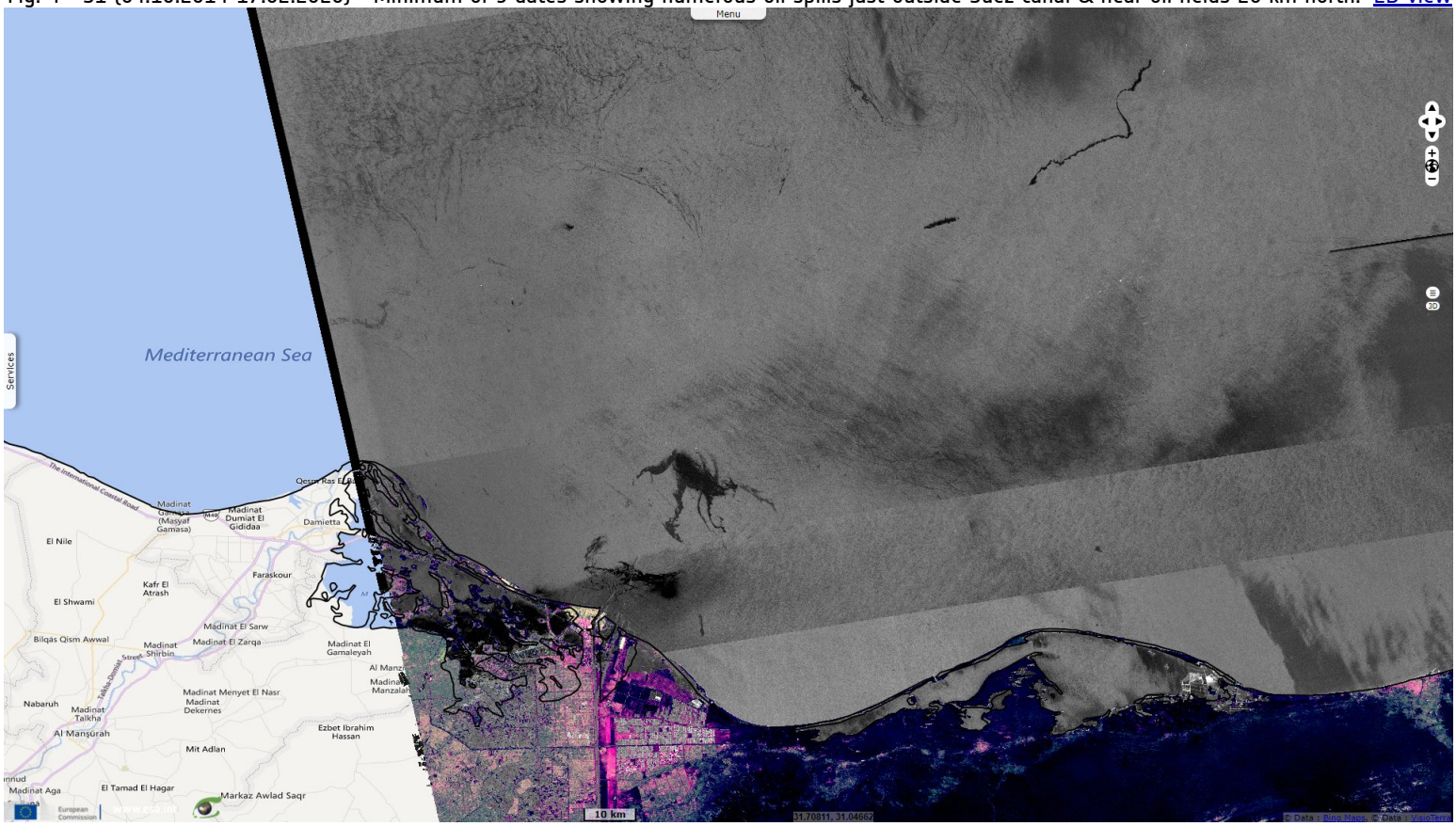
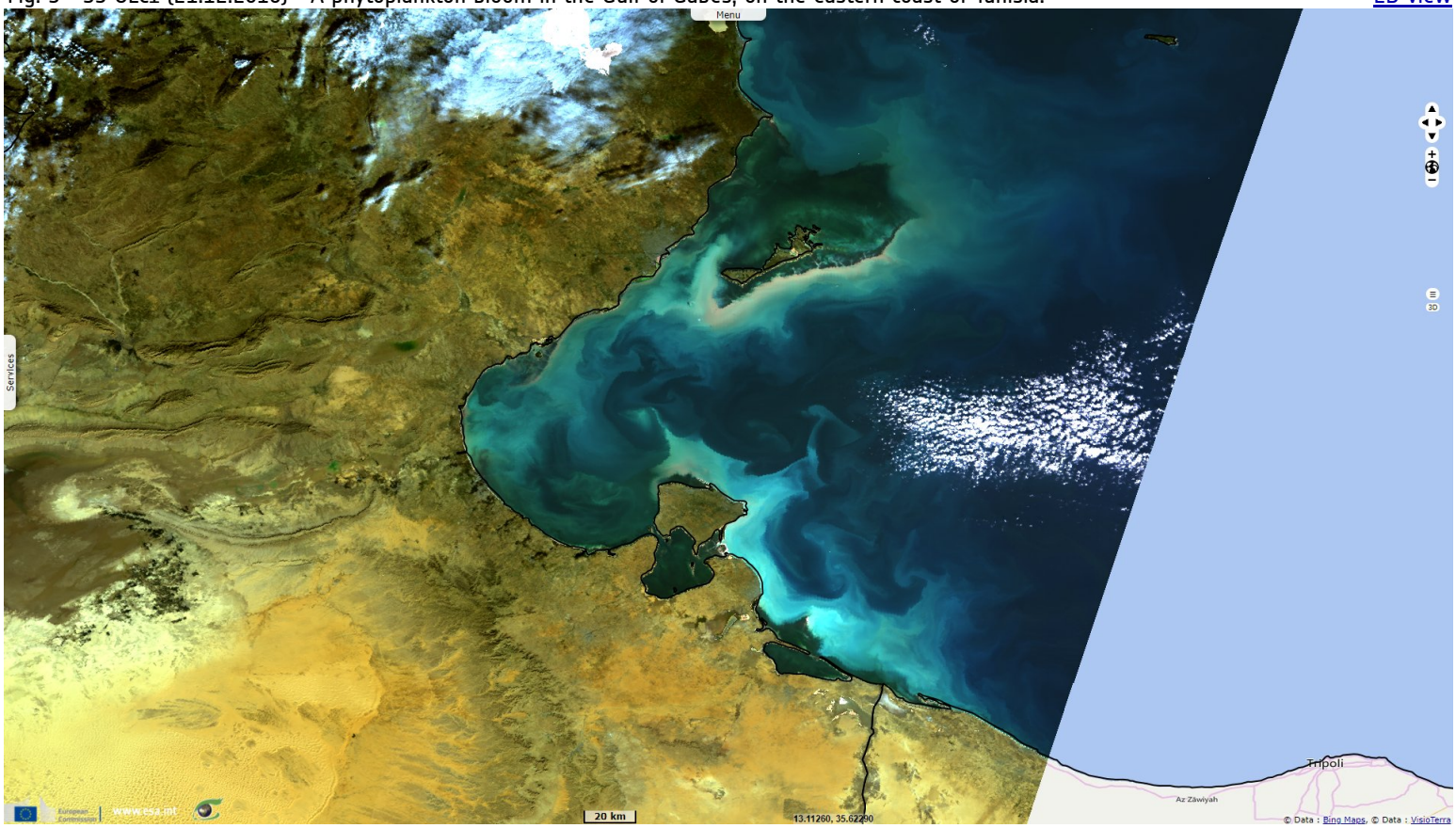


Fig. 5 - S3 OLCI (21.12.2016) - A phytoplankton bloom in the Gulf of Gabès, on the eastern coast of Tunisia. 2D view



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