

Topic 3e – Fisheries

Video 3e Imagery

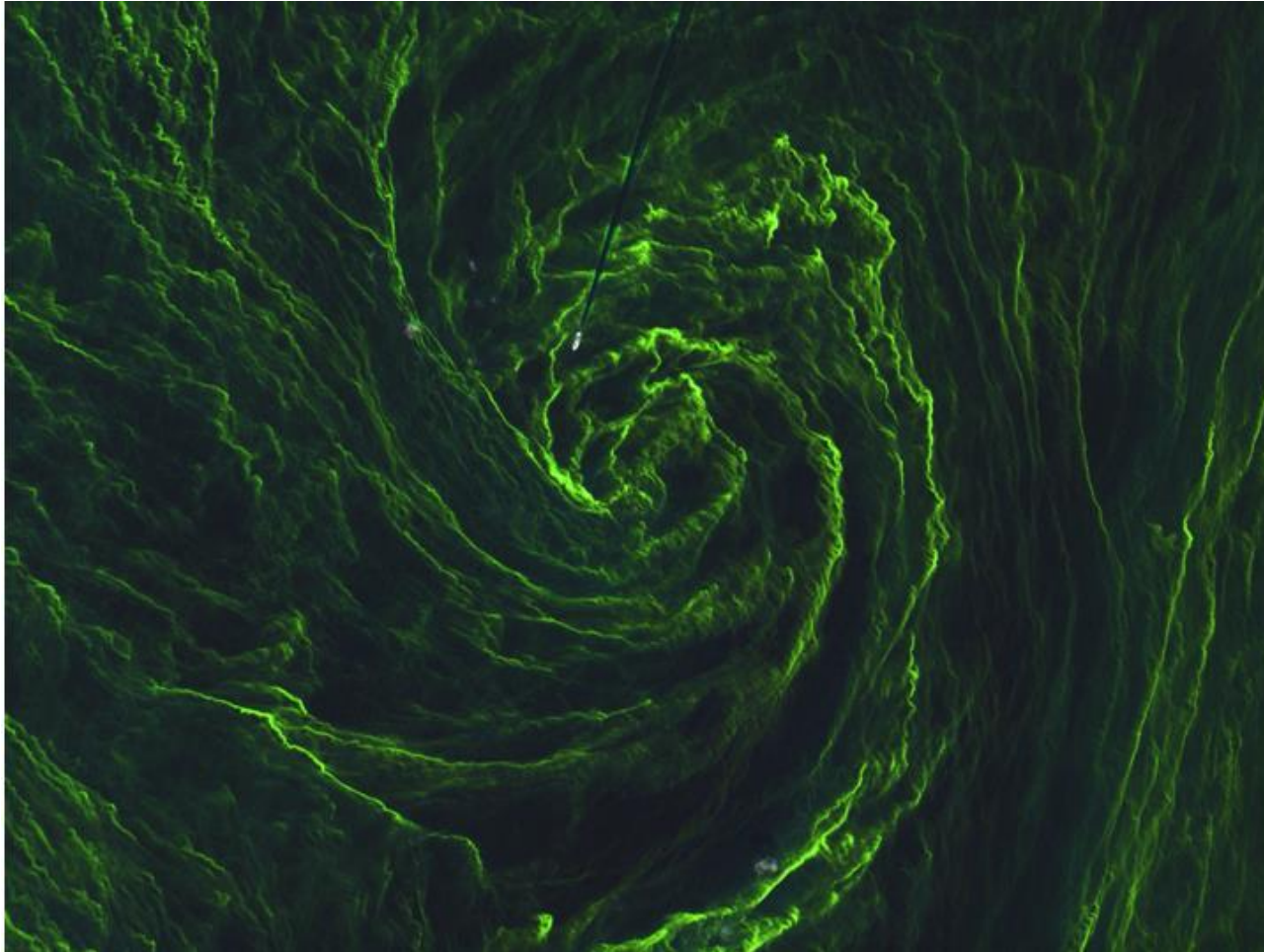


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Eye of an Algal Storm

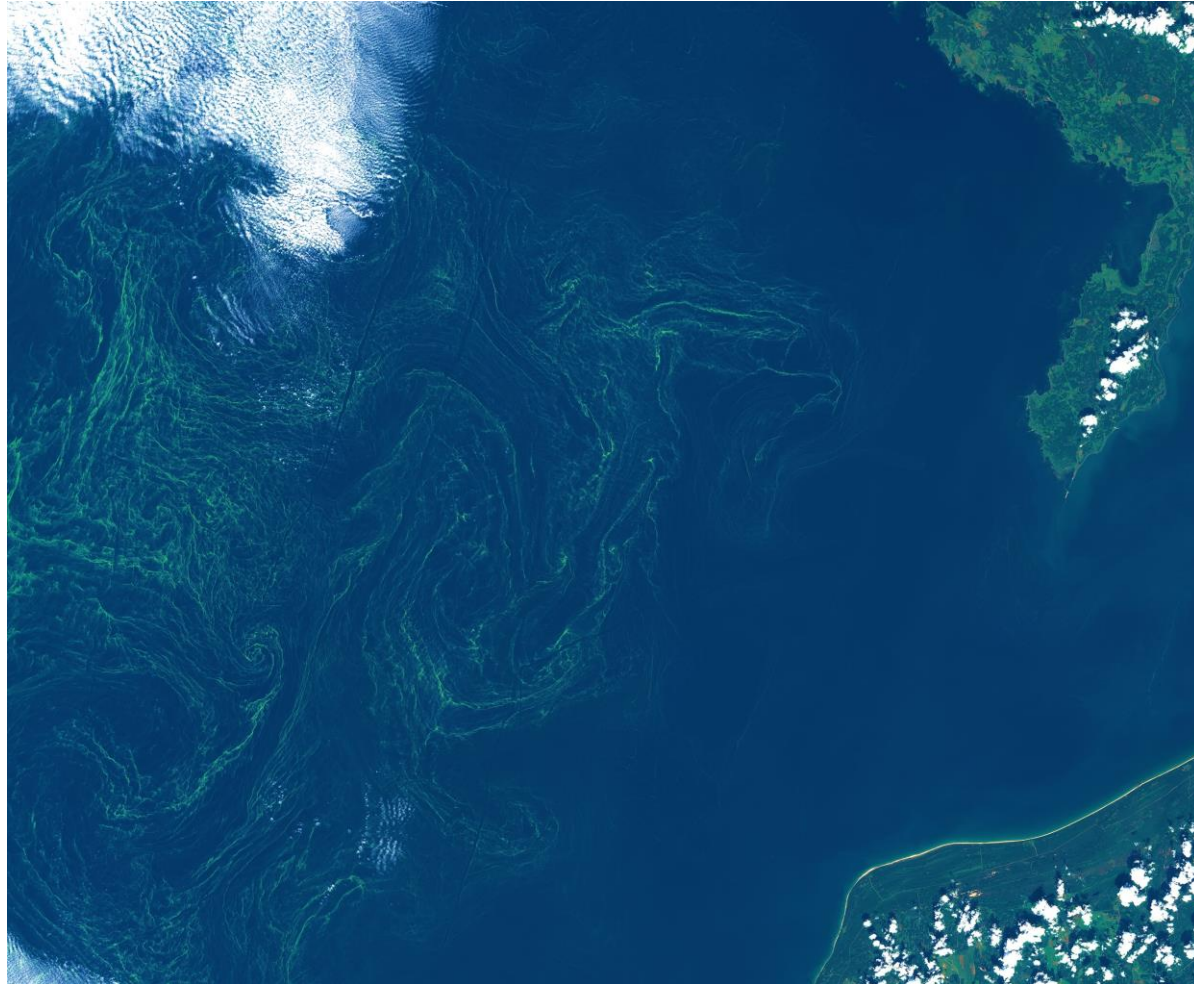
2015 Sentinel-2 image of a ship heading towards the eye of an algal bloom in the middle of the Baltic Sea



Source: http://www.esa.int/spaceinimages/Images/2015/09/Eye_of_an_algal_storm

Baltic Bloom

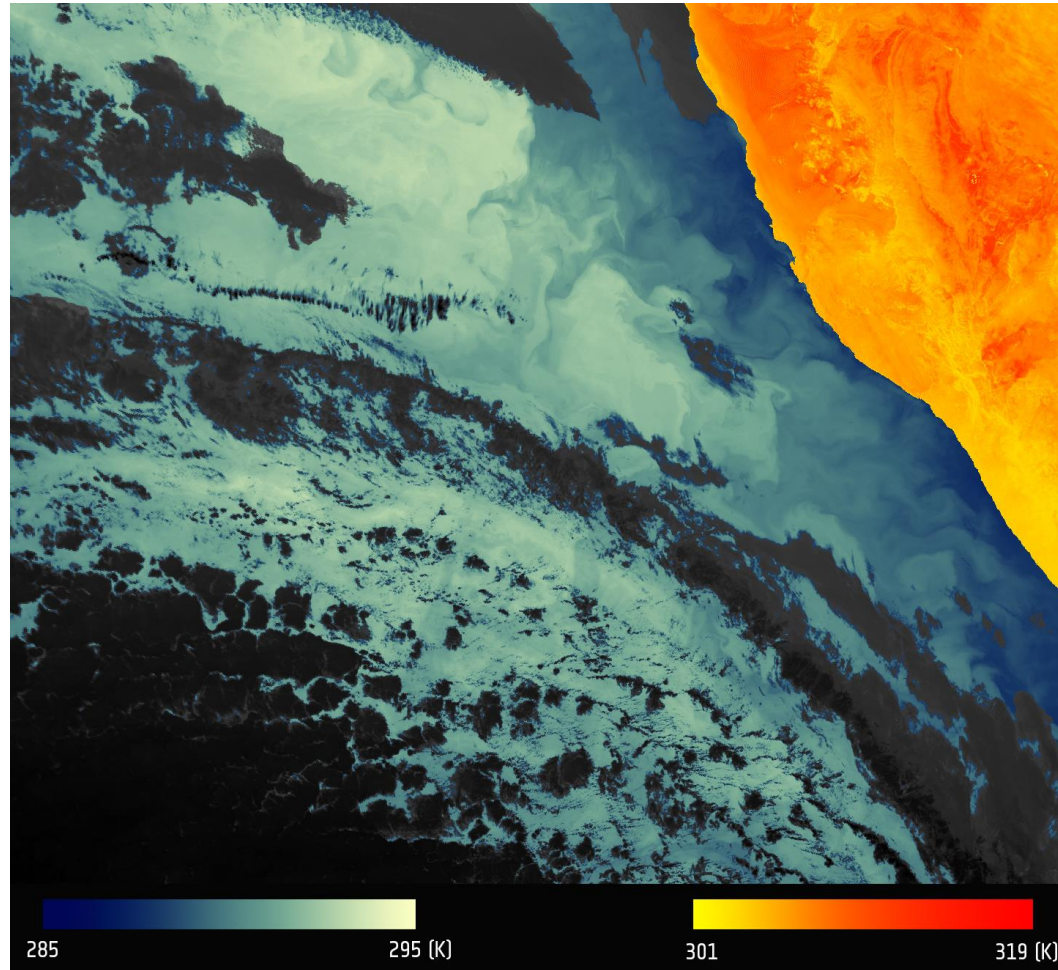
2015 Sentinel-2 image of an algal bloom in the central Baltic Sea



Source: http://www.esa.int/spaceinimages/Images/2015/09/Baltic_bloom

Thermal Signature of Namibian Coastline

Sentinel-3 SLSTR thermal-infrared channels thermal signatures over part of western Namibia and the South Atlantic Ocean.



Source: http://www.esa.int/spaceinimages/Images/2016/04/Thermal_signature_of_Namibian_coastline



Tianjin, China

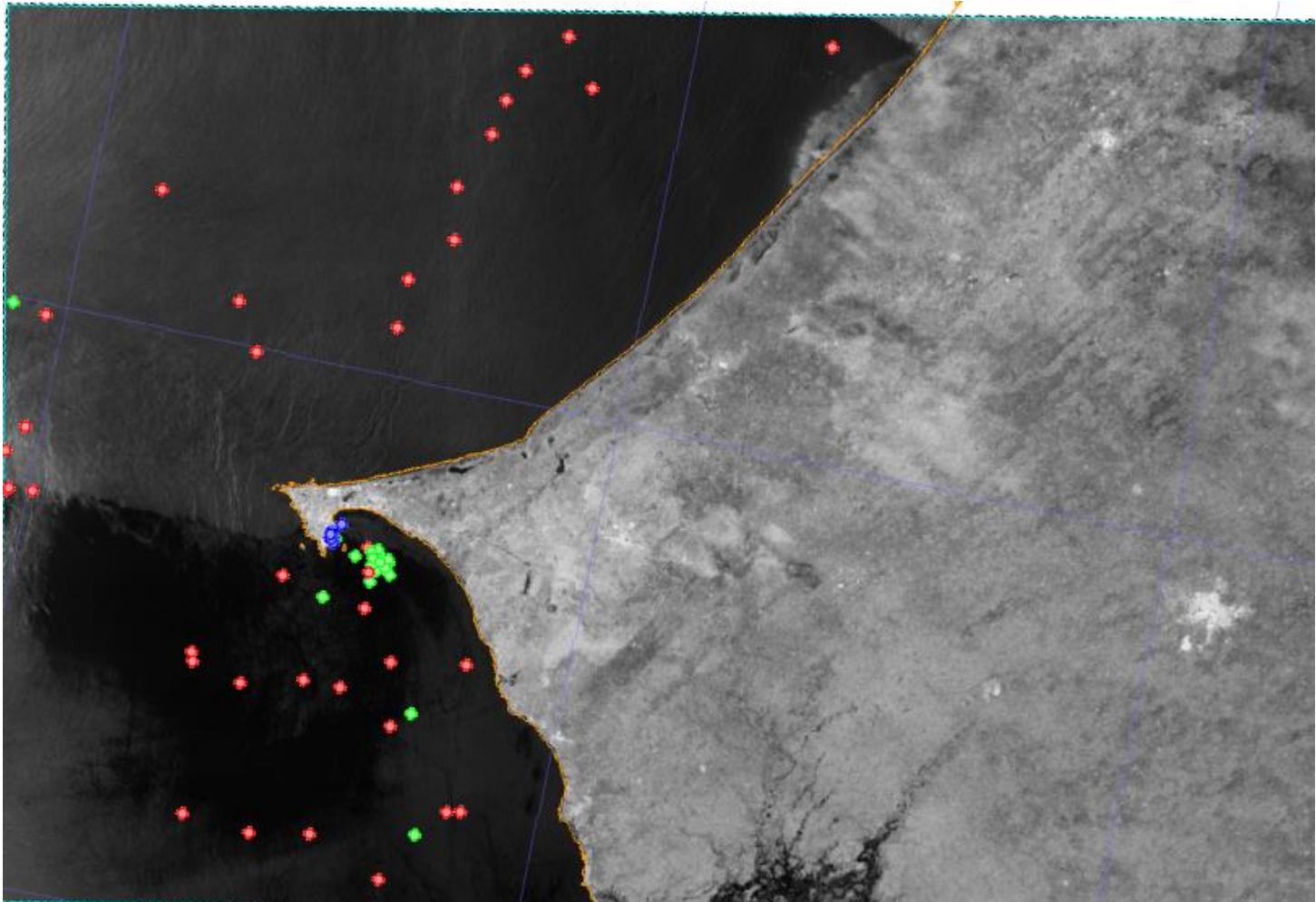
Sentinel-1 radar image created by combining three scans over several months



Source: http://www.esa.int/spaceinimages/Images/2015/06/Tianjin_China

Fishing Surveillance, West Africa

West Africa Regional Fisheries Project (WARFP) using satellite-based surveillance for illegal fisheries detection.

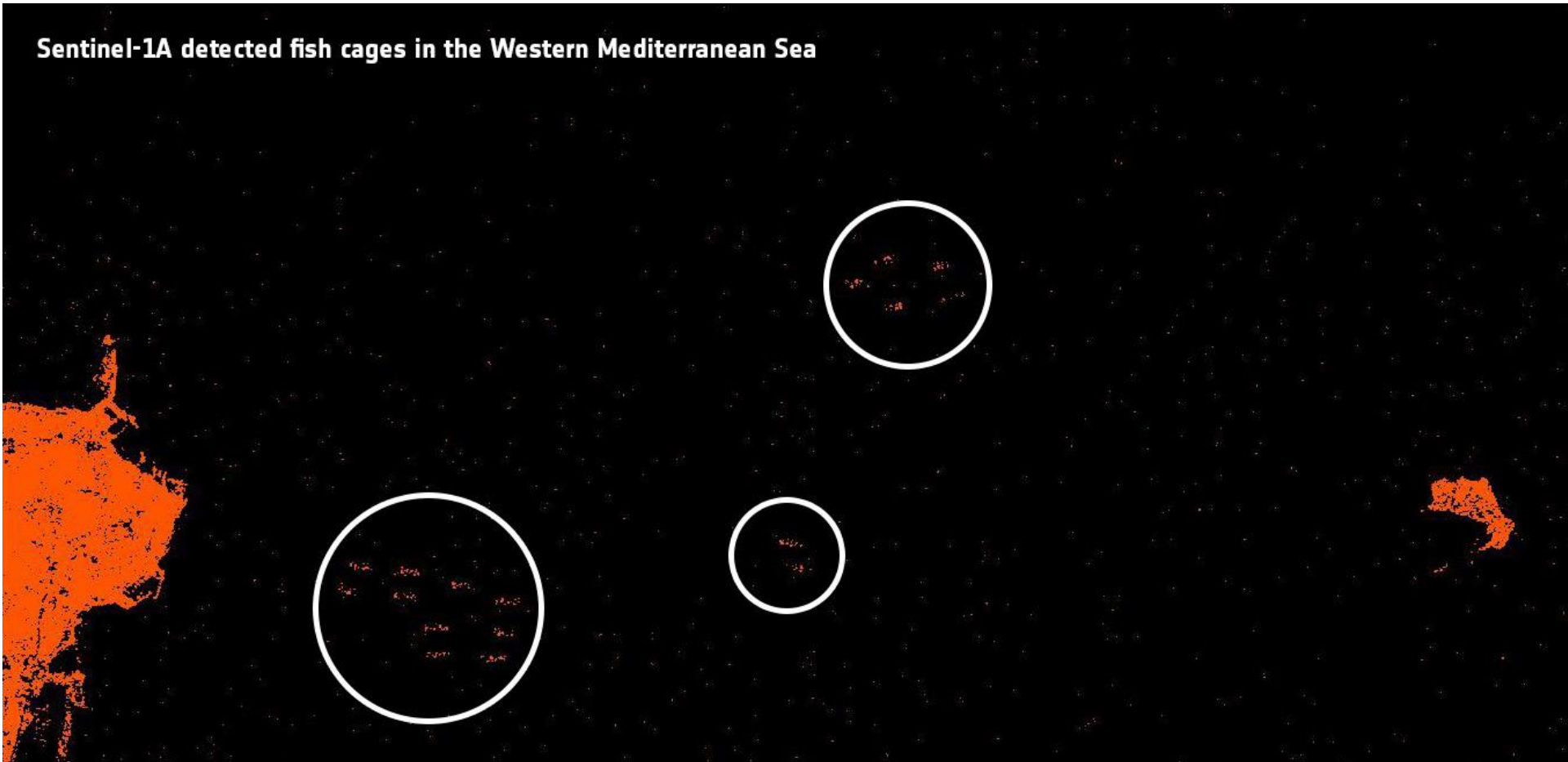


Source: http://www.esa.int/spaceinimages/Images/2015/12/Fishing_surveillance_in_West_Africa

Fishing Cage Detection

Sentinel-1 satellite counts fishing cages in the western Mediterranean Sea..

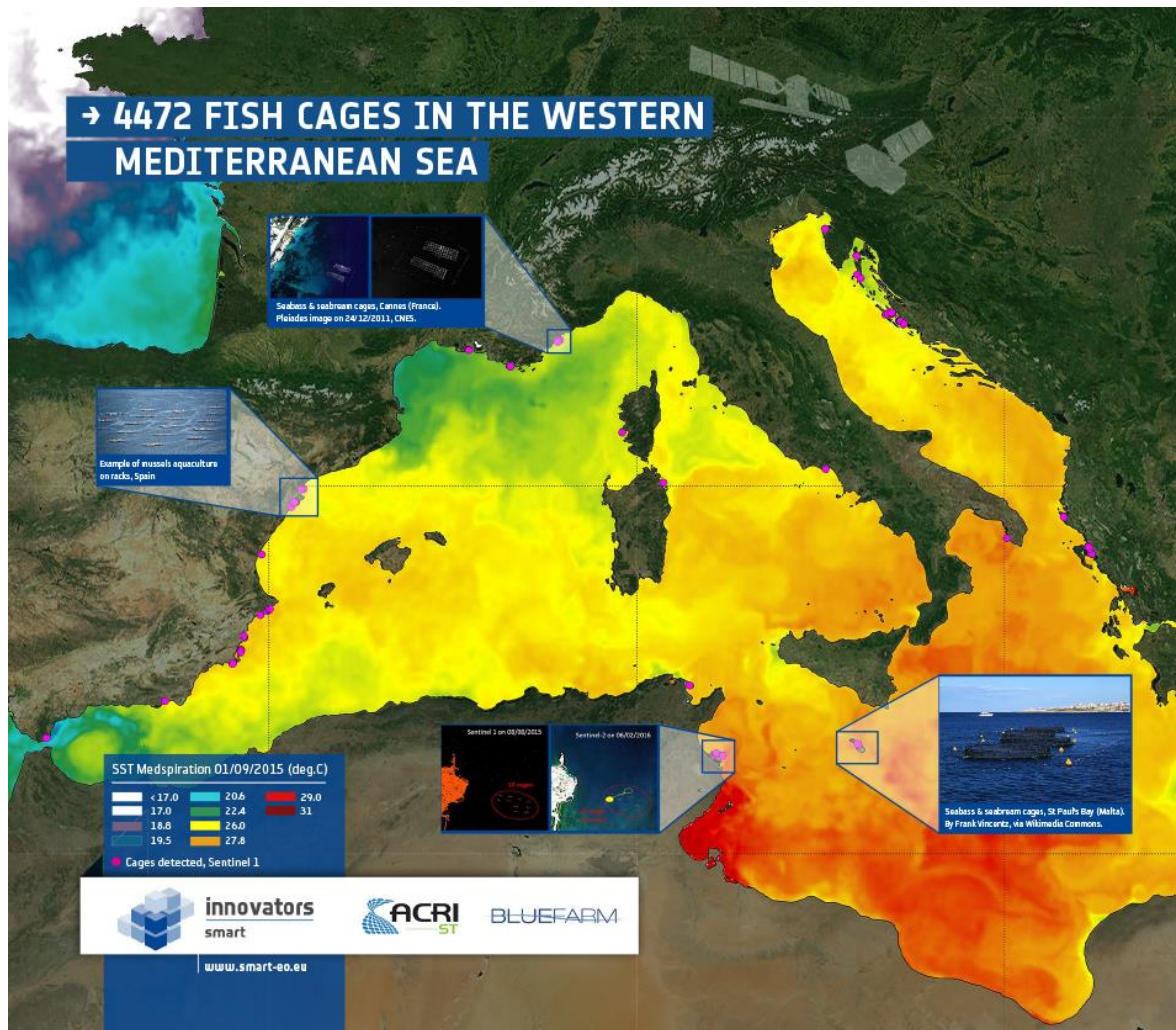
Sentinel-1A detected fish cages in the Western Mediterranean Sea



Source: http://www.esa.int/spaceinimages/Images/2016/04/Sentinel-1A_detects_fishing_cages

Fishing in the Mediterranean

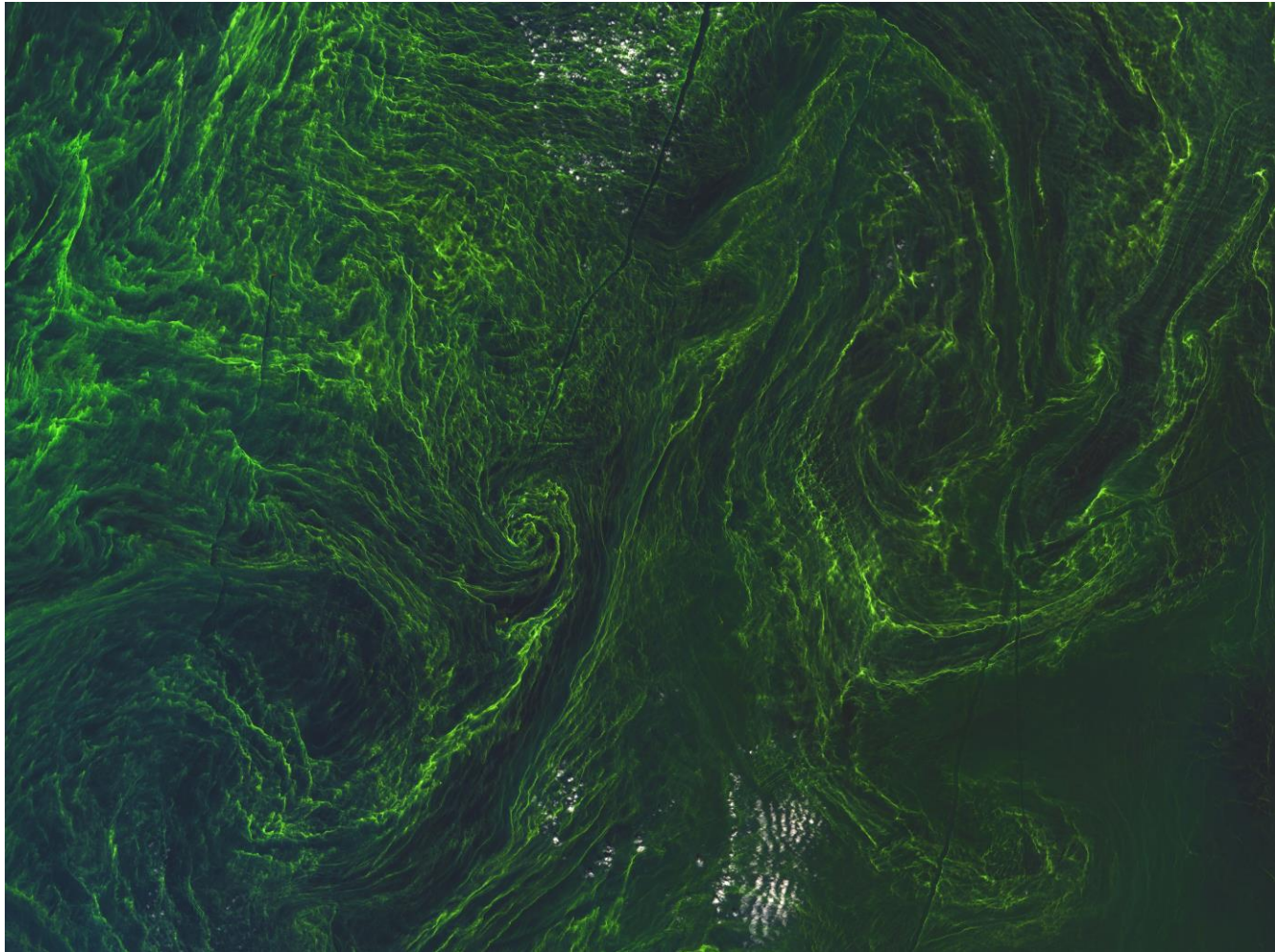
Fish cages detected by Sentinel 1 and other satellites



Source: http://www.esa.int/spaceinimages/Images/2016/04/Fishing_in_the_Mediterranean

Algae Bloom

Image from Sentinel-2A taken on 7 August 2015 shows an algal bloom in the central Baltic Sea



Source: http://www.esa.int/spaceinimages/Images/2015/09/Algae_bloom