

Sentinel Vision
SED-478
03 July 2019

Biodiesel refinery opened near Marseille, France

Sentinel-1 CSAR IW acquired on 04 January 2019 at 05:43:40 UTC

Sentinel-2 MSI acquired on 10 January 2019 at 10:34:11 UTC

Sentinel-5P TROPOMI NO2 acquired from 24 June 2019 at 11:51:46 UTC to 03 July 2019 at 12:19:05 UTC

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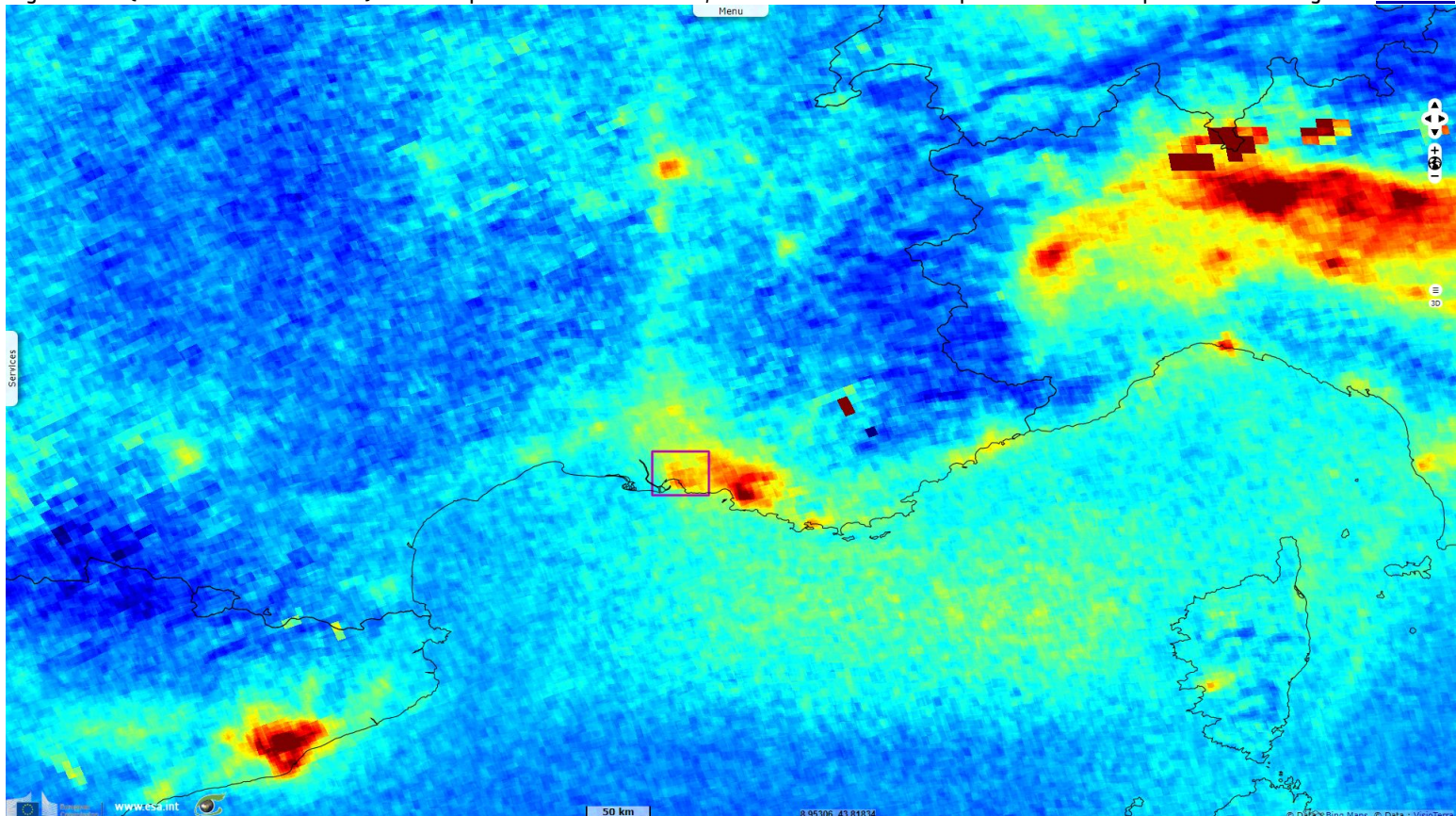


[2D Layerstack](#)

Fig. 1 - S2 (10.01.2019) - 11,8,2 colour composite - Lake Berre lies between the mouth of Rhone river and Marseille, French 2nd largest city. [2D view](#)



Fig. 2 - S5P (mean 24.06-03.07.2019) - NO2 tropo column - Fos-sur-mer, Port St Louis & La Mède port/industrial complex in the rectangle. [2D view](#)



A biodiesel refinery opened in La Mède to produce 0.5 mT/year of oil from raw vegetable oil & animal fat. It's among France most polluted areas.

Fig. 3 - S1 (04.01.2019) - vv,vh,vv colour composite - Contention rose as palm oil produced from deforestation in SE Asia should be used.

[3D view](#)



Fig. 4 - S2 (10.01.2019) - 4,3,2 natural colour - The canal to Lake Berre passes through the pleasant city of Martigues.

[3D view](#)



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