

Intensive rose production for Valentine's Day, Kenya

Sentinel-2 MSI acquired on 13 January 2022 at 07:43:01 UTC

Sentinel-1 CSAR IW acquired on 17 January 2022 from 15:56:18 to 15:56:43 UTC

Sentinel-1 CSAR IW acquired on 29 January 2022 from 15:56:18 to 15:56:43 UTC

Sentinel-1 CSAR IW acquired on 10 February 2022 from 15:56:17 to 15:56:42 UTC

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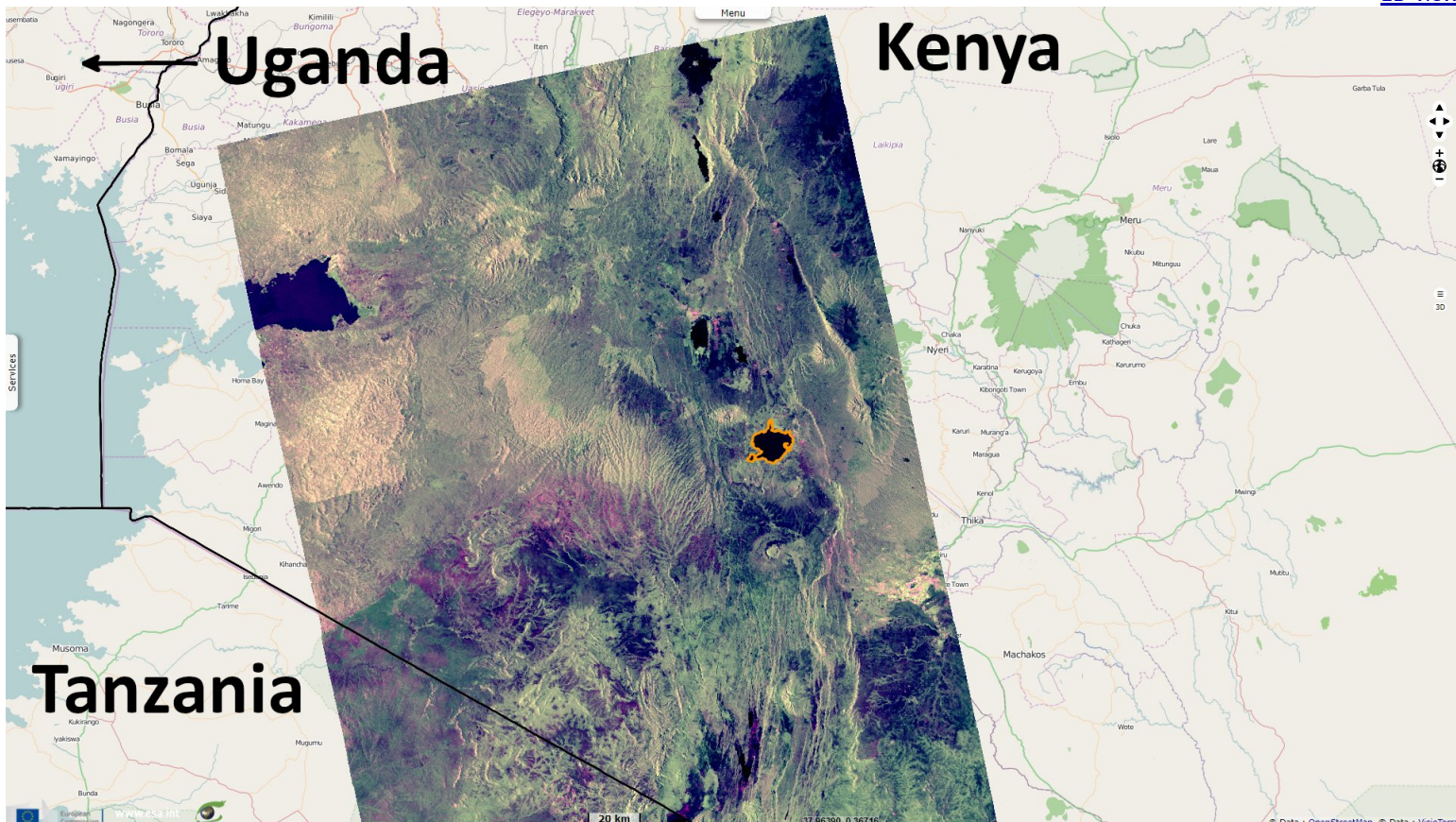
Keyword(s): Land, agriculture, cash crop, lake, water quality, biodiversity, pollution, Kenya



[3D Layerstack](#)

Fig. 1 - S1 (17.01.2022-10.02.2022) - Lake Naivasha, in the Rift Valley, is Kenya's second largest body of fresh water and an exceptional site for bird.

[2D view](#)



One hundred million roses are produced each year by the Nini Flower Farm on the shores of Lake Naivasha in Kenya, sold mainly in Western Europe and Russia.

Fig. 2 - S2 (13.01.2022) - Even in farms with a "fair trade" label, the pickers earn less than the Kenyan minimum wage, most live in Karagita slums.

[3D view](#)

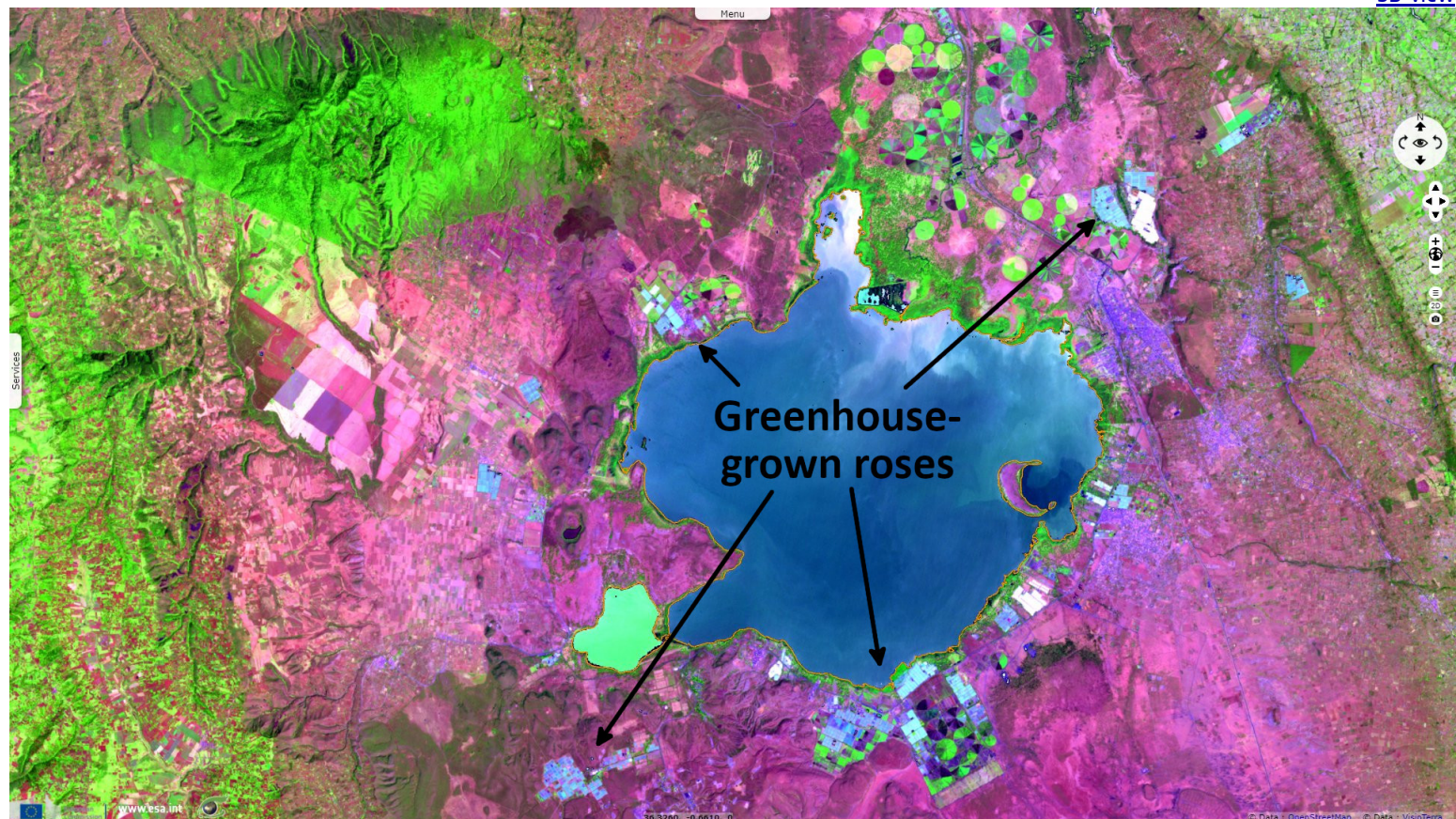


Fig. 3 - S2 (13.01.2022) - The sector became Kenya's 2nd largest source of income in 2015, after tea and before tourism.

[3D view](#)

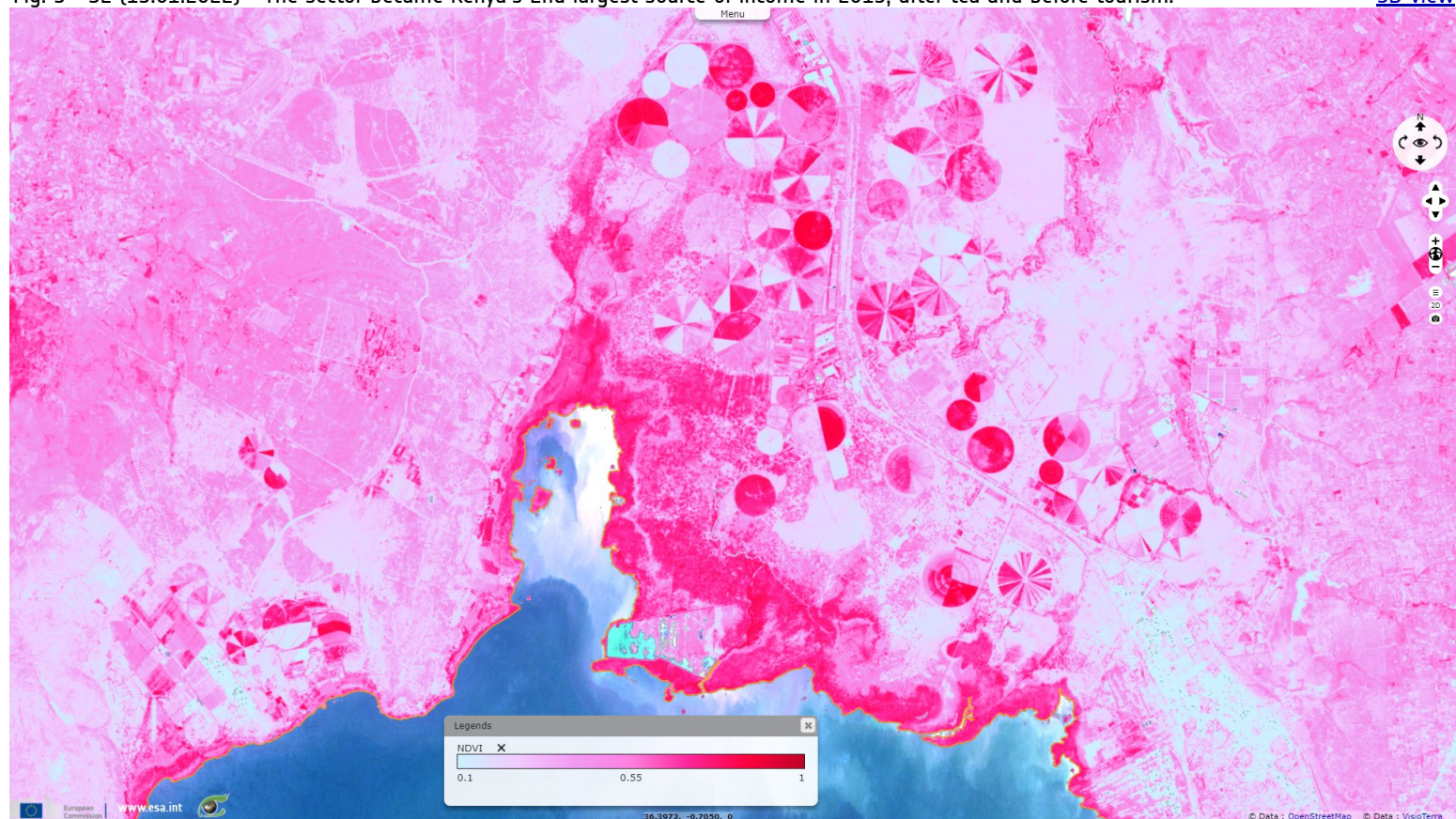


Fig. 4 - S1 (17.01.2022-10.02.2022) - The fertilisers used cause an invasion of water hyacinths which choke the water, threatening wildlife and fishermen.

