

Emptying the upper reservoir of the Montézic pumped-storage plant

Sentinel-2 MSI acquired from 26 February 2023 to 07 April 2023
Sentinel-1 CSAR IW acquired from 24 March 2023 to 12 April 2023

Author(s): Sentinel Vision team, VisioTerra, France - svp@visioterra.fr

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[2D Layerstack](#)

Fig. 1 - Overview of the Montézic and Couesques hydroelectric power station reservoirs.

[3D view](#)

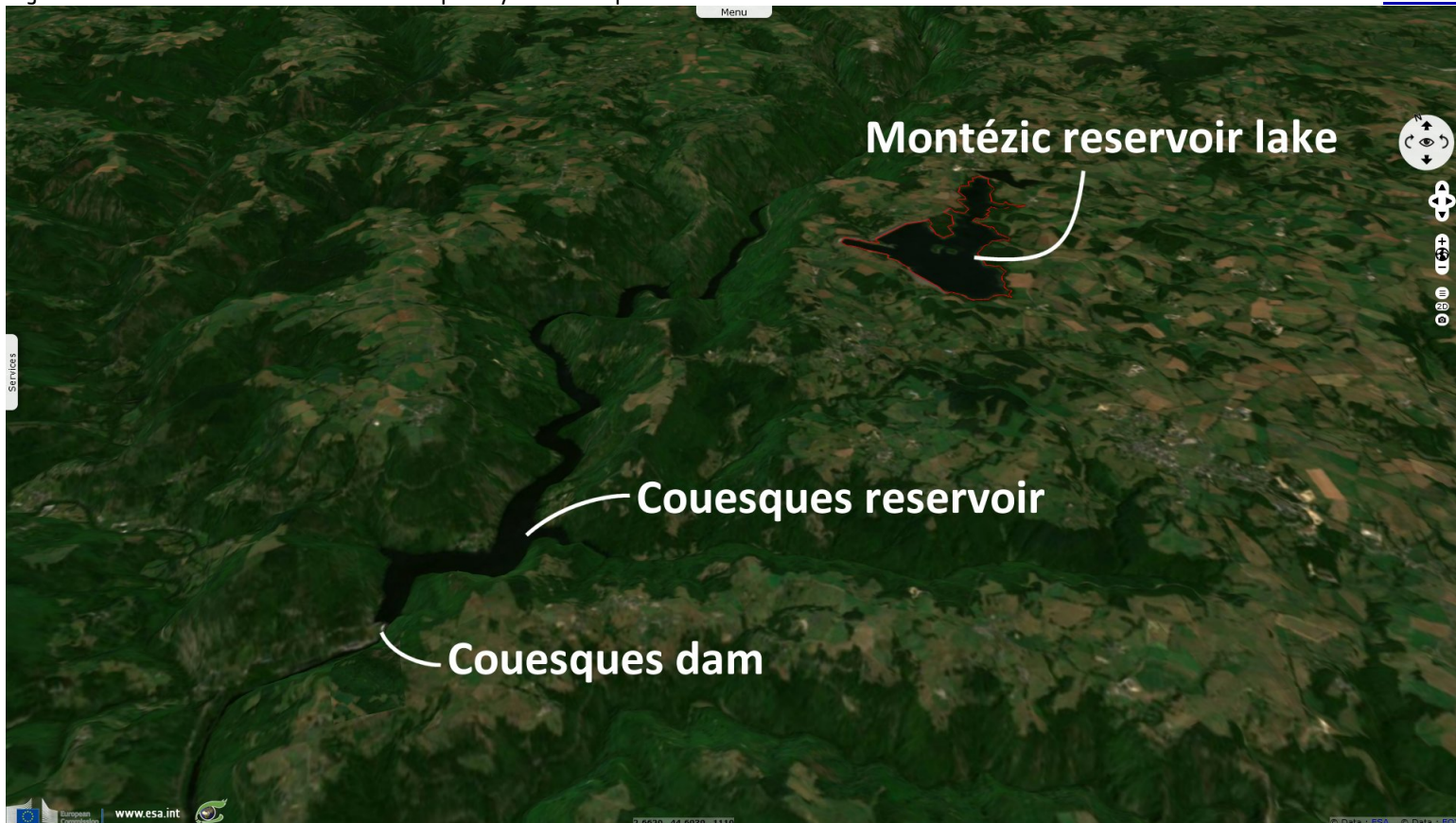


Fig. 2 - S2 [26.02 - 07.04.2023] - The reservoir of the second largest electricity storage system in France has been emptied for maintenance. [2D view](#)



Fig. 3 - S2 (26.02 - 07.04.2023) - NDWI open water - The Montézic pumped-storage plant has an installed power capacity of 910 MW (4 Francis turbines).

[2D view](#)

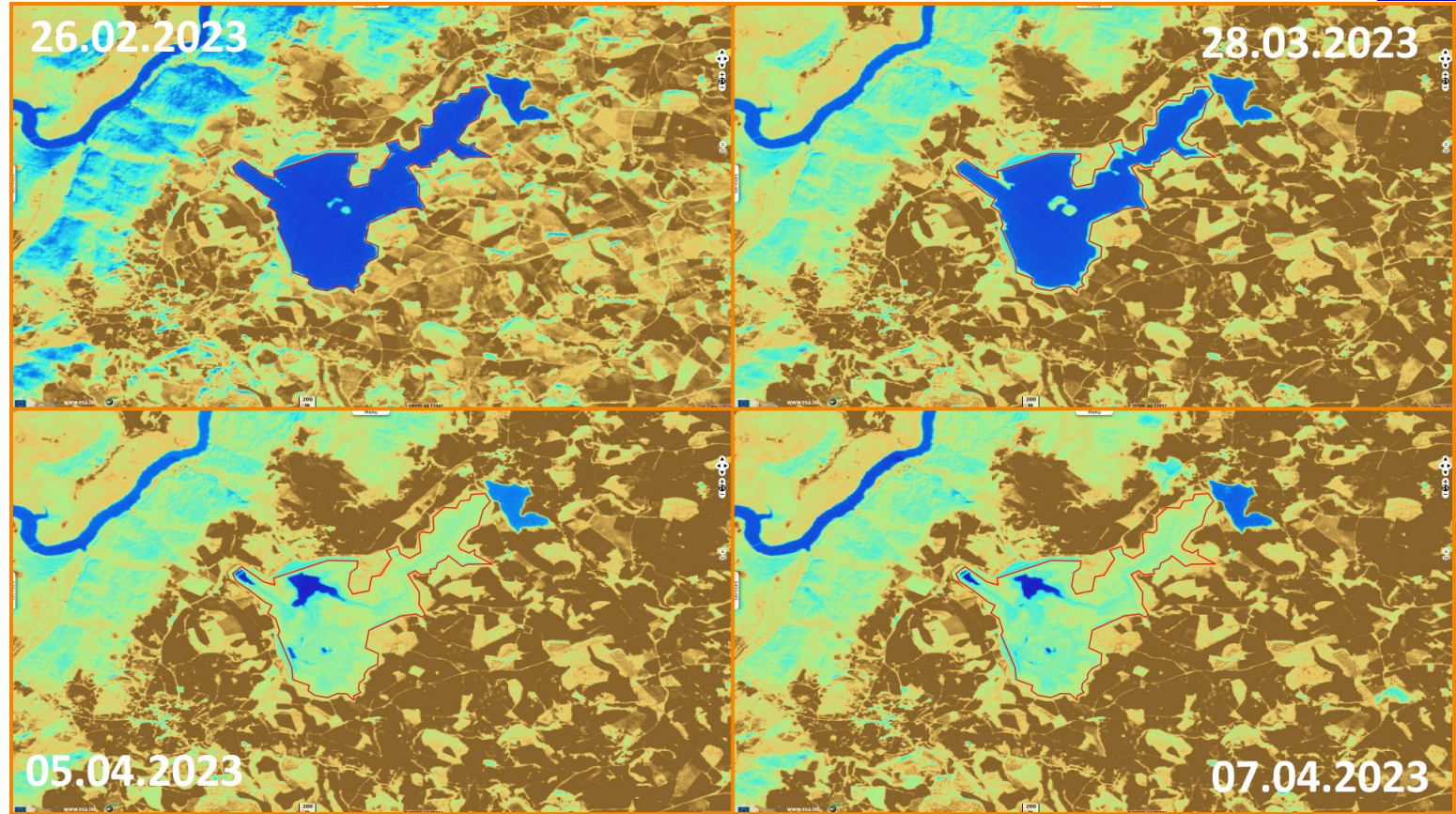


Fig. 4 - S1 (24.03 - 12.04.2023) - The upper reservoir has a usable capacity of ~30 million m³ (~39 GWh of electricity) and was emptied in 8 days.

[2D view](#)

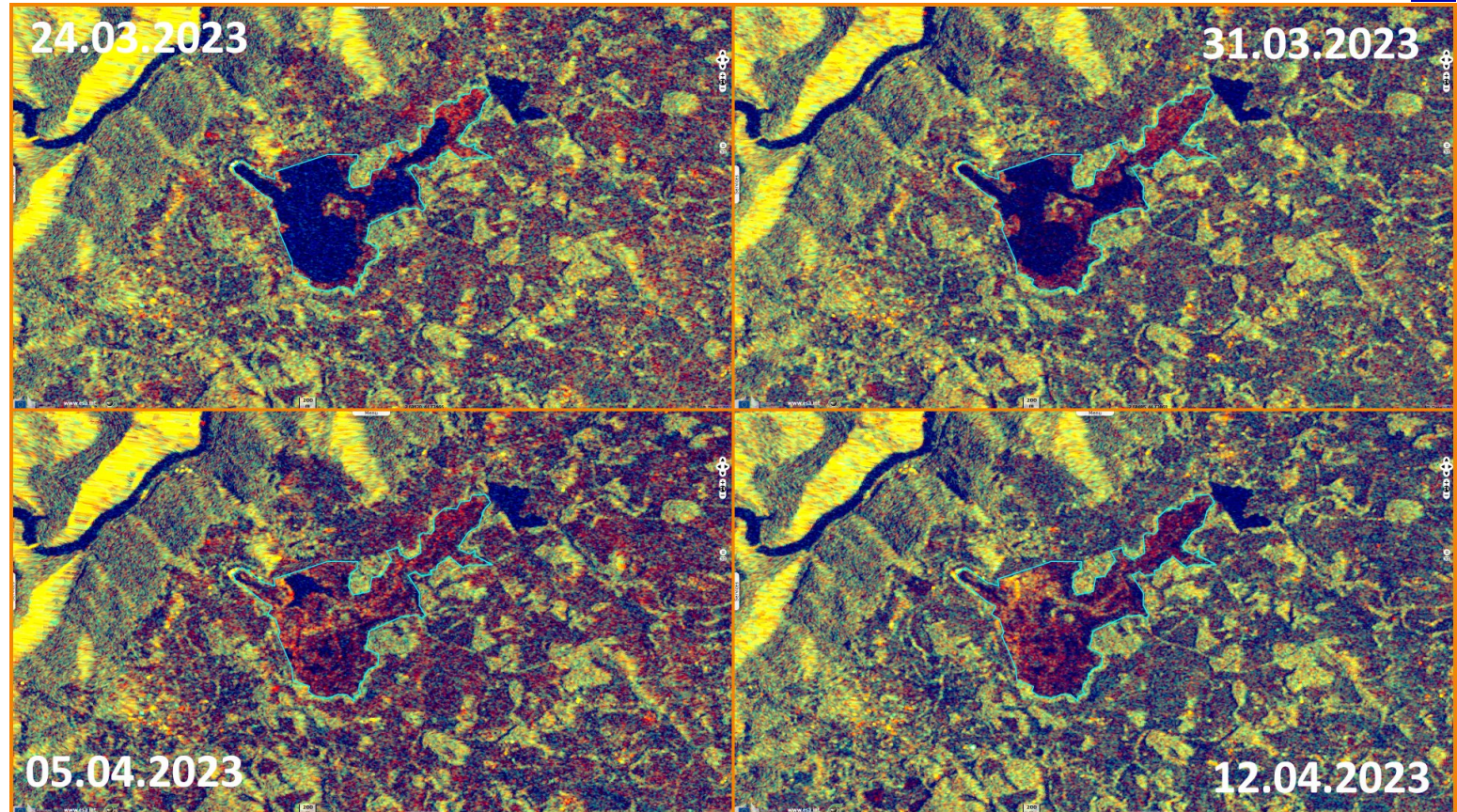
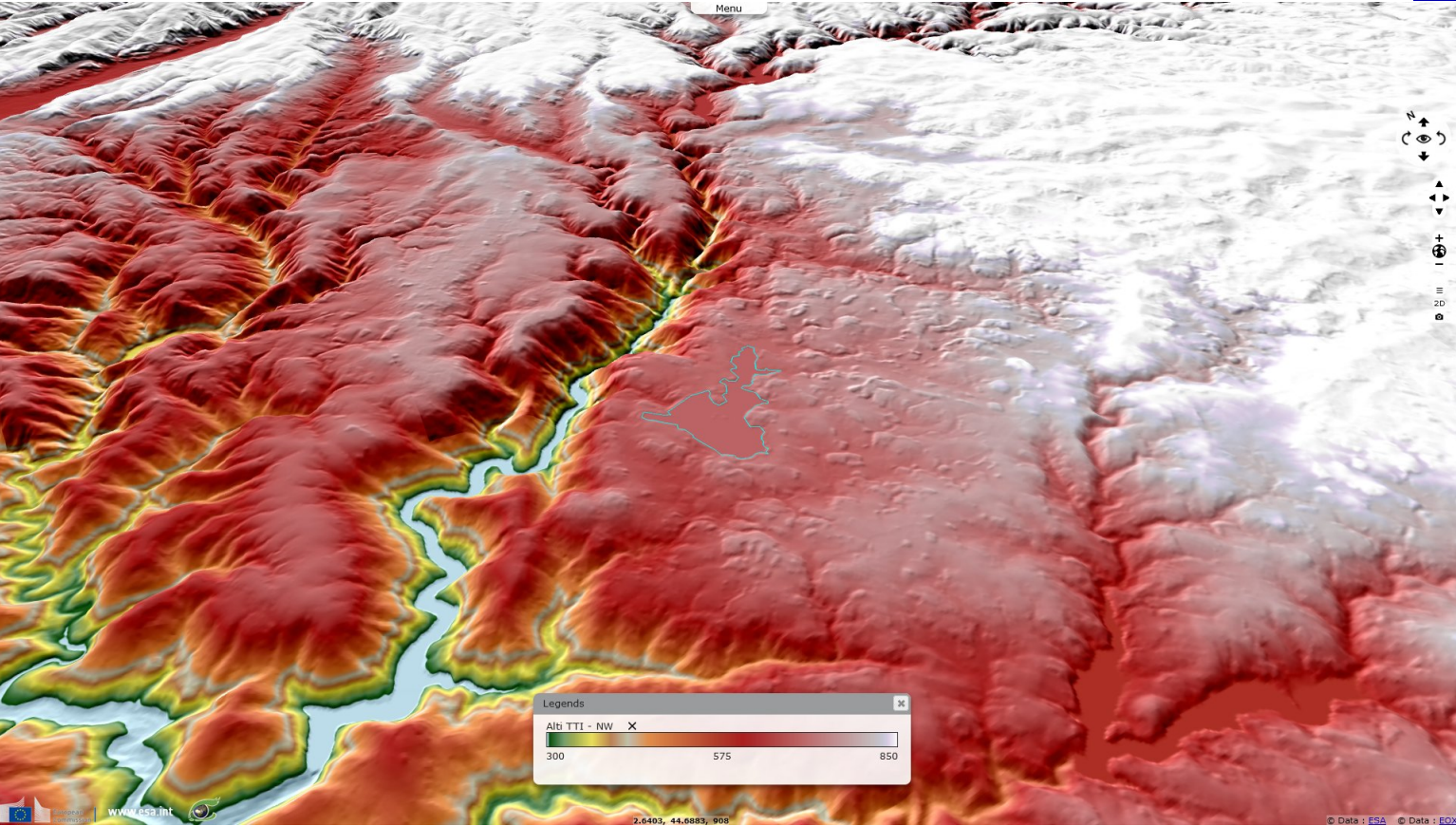


Fig. 5 - COP-DEM (relief x1.5) - Topography of the Montézic power station site. The drop between the upper and lower reservoirs is 423 meters. [3D view](#)



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