

Open pit uranium mines in Arlit, Niger

Sentinel-2 MSI acquired on 28 December 2015 at 10:04:22 UTC
Sentinel-1 CSAR IW acquired on 01 January 2016 at 17:40:11 UTC
Sentinel-2 MSI acquired on 31 December 2020 at 10:04:11 UTC
Sentinel-1 CSAR IW acquired on 15 February 2021 at 17:40:34 UTC

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

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[2D Layerstack](#)

Fig. 1 - S2 (28.12.2015) - Founded in 1969 following the discovery of uranium, it has grown around the mining industry.

[2D view](#)

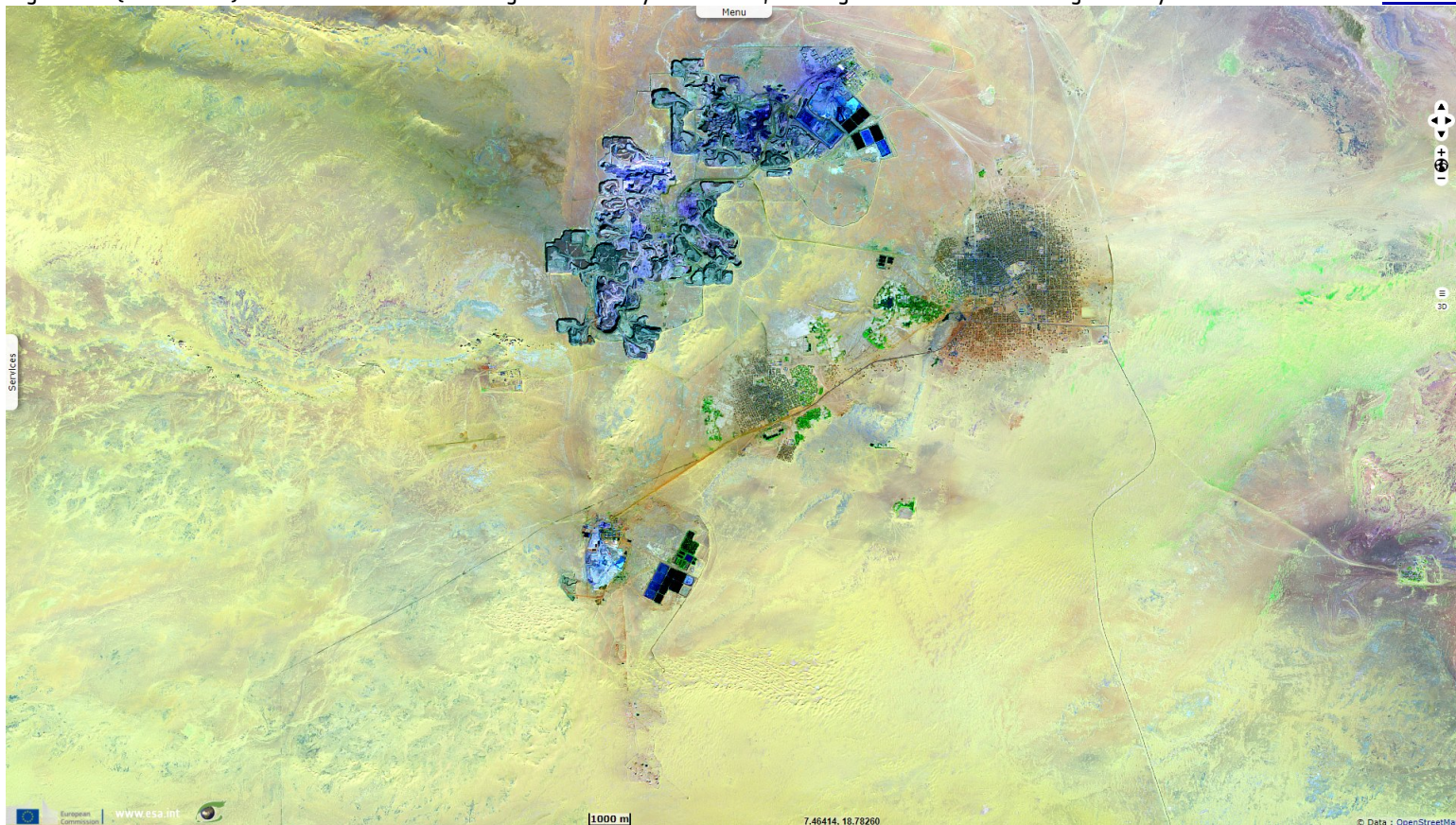
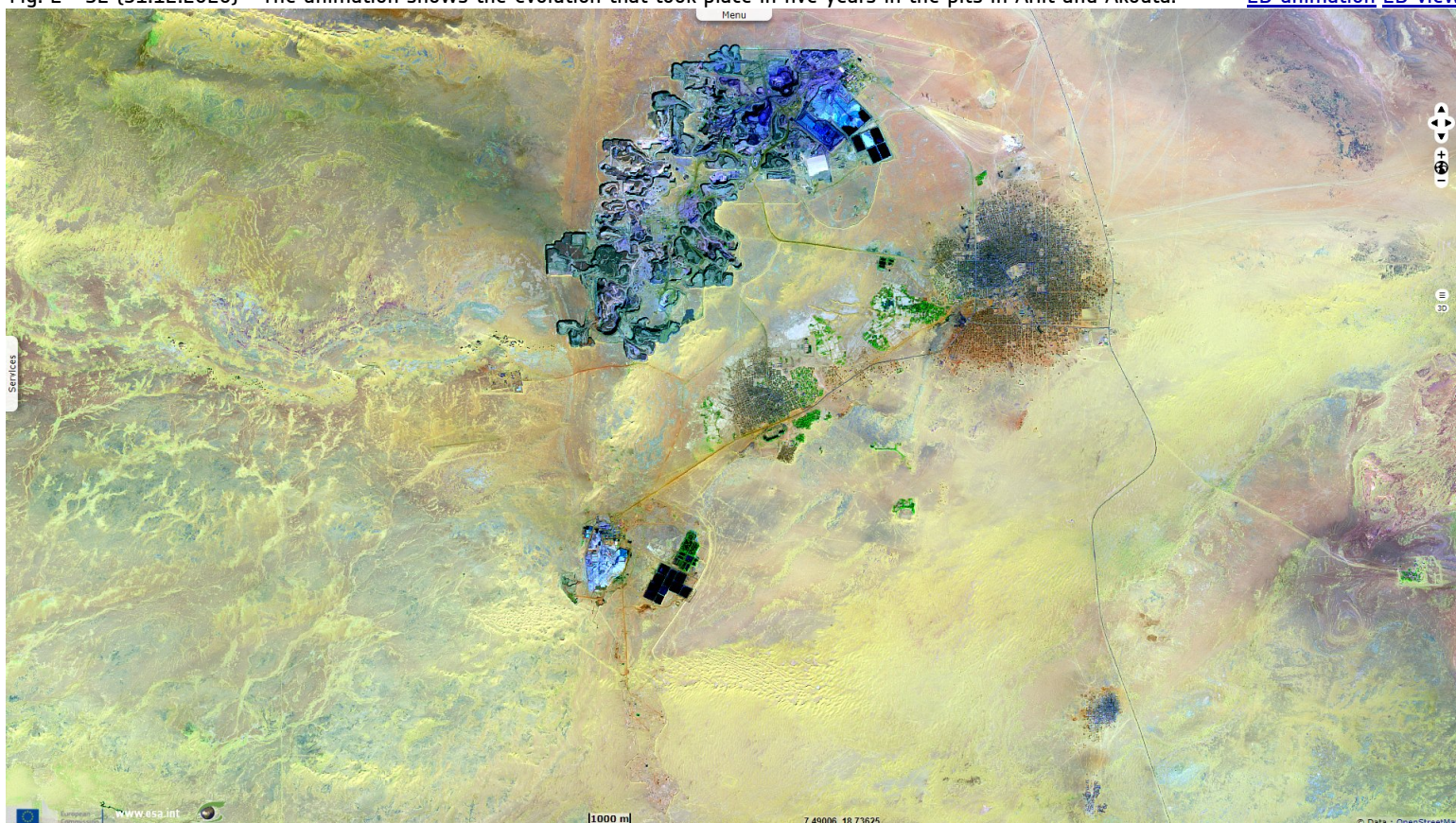


Fig. 2 - S2 (31.12.2020) - The animation shows the evolution that took place in five years in the pits in Arlit and Akouta.

[2D animation](#) [2D view](#)



The population around these cities is fast increasing as it is demonstrated by the urban growth.

Fig. 3 - S1 (01.01.2016) - Two large uranium mines, at Arlit and nearby Akouta, are exploited by open top strip mining.

[2D view](#)



Fig. 4 - S1 (15.02.2021) - At its peak in the 1980s, uranium represented 90% of Niger's exports by value.

[2D animation](#) [2D view](#)



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