Sentinel Vision SED-1305 19 June 2023

First European exascale computers, Germany, France

Sentinel-2 MSI acquired on 13 August 2022 at 10:46:29 UTC

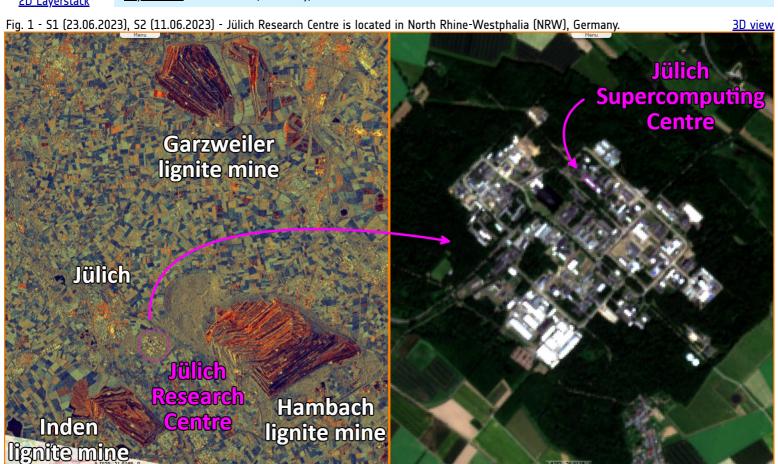
Sentinel-1 CSAR IW acquired on 09 September 2022 at 17:40:51 UTC

Sentinel-2 MSI acquired on 11 June 2023 at 10:36:31 UTC

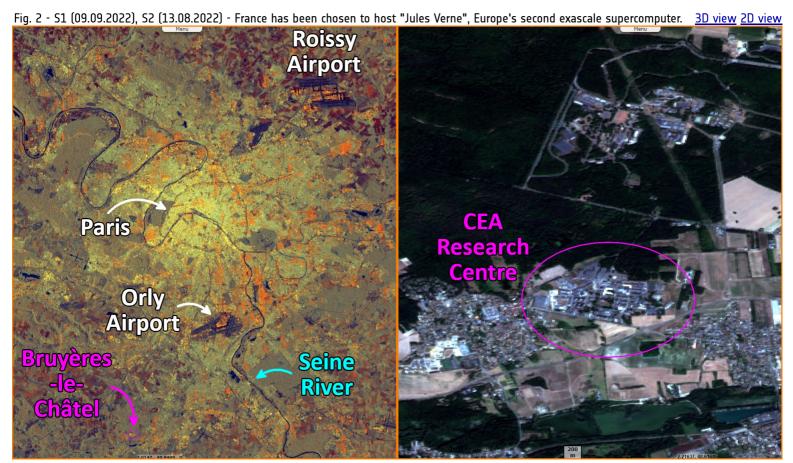
Sentinel-1 CSAR IW acquired on 23 June 2023 at 05:50:36 UTC

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It will be home to JUPITER, Europe's first exascale supercomputer (1 billion billion floating-point operations per second), in 2023. The average power is anticipated to be up to 15 MW. JUPITER has been designed as a "green" supercomputer and will be powered by green electricity despite NRW carbon-based energy mix (72% coal, 88% fossil).



It will be housed at the French Alternative Energies and Atomic Energy Commission (CEA) to the south of Paris. It is a joint investment by France, the Netherlands and the EU, 50% of which will be funded by the European joint venture EuroHPC.

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