

20th anniversary of the deadly explosion at AZF, France

Landsat7 ETM acquired on 21 September 2001 at 10:24:28 UTC
Landsat8 OLI-TIRS acquired on 10 April 2014 at 10:36:03 UTC
Sentinel-2 MSI acquired on 13 October 2019 at 10:50:31 UTC
Sentinel-2 MSI acquired on 17 September 2021 at 10:46:39 UTC

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

Keyword(s): Environment, anniversary, disaster, security, pollution, Toulouse, France



[2D Layerstack](#)

Fig. 1 - L7 (21.09.2001) - 7,5,3 colour composite - View of AZF factory near Toulouse only 2 hours after the explosion.

[2D view](#)



The explosion occurred on 21 September 2001 at 08:17 UTC, killing 31 people and injuring over 2500, leaving a crater of 70 metres wide.

Fig. 2 - L8 (10.04.2014) - 4,3,2 natural colour - A cancer research centre was built on the site after a soil remediation : The Oncopole.

[2D view](#)















Fig. 3 - S2 (13.10.2019) - 4,3,2 natural colour - In 2019, the construction of a photovoltaic power plant has started near the Oncopole. [2D view](#)



Fig. 4 - S2 (17.09.2021) - 4,3,2 natural colour - The power plant is now operational, producing around 20,000 of megawatt-hour. [2D view](#)



*The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.
Contains modified Copernicus Sentinel data 2021, processed by VisioTerra.*

More on European Commission space:						
More on ESA:				S-1 website	S-2 website	S-3 website
More on Copernicus program:				SciHub portal	Cophub portal	Inthub portal
More on VisioTerra:				Sentinel Vision Portal	Envisat+ERS portal	Swarm+GOCE portal
				CryoSat portal		