

ESA supporting Climate Action

World Space Forum
7 December 2021

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Director General

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Taking the Pulse of our Planet

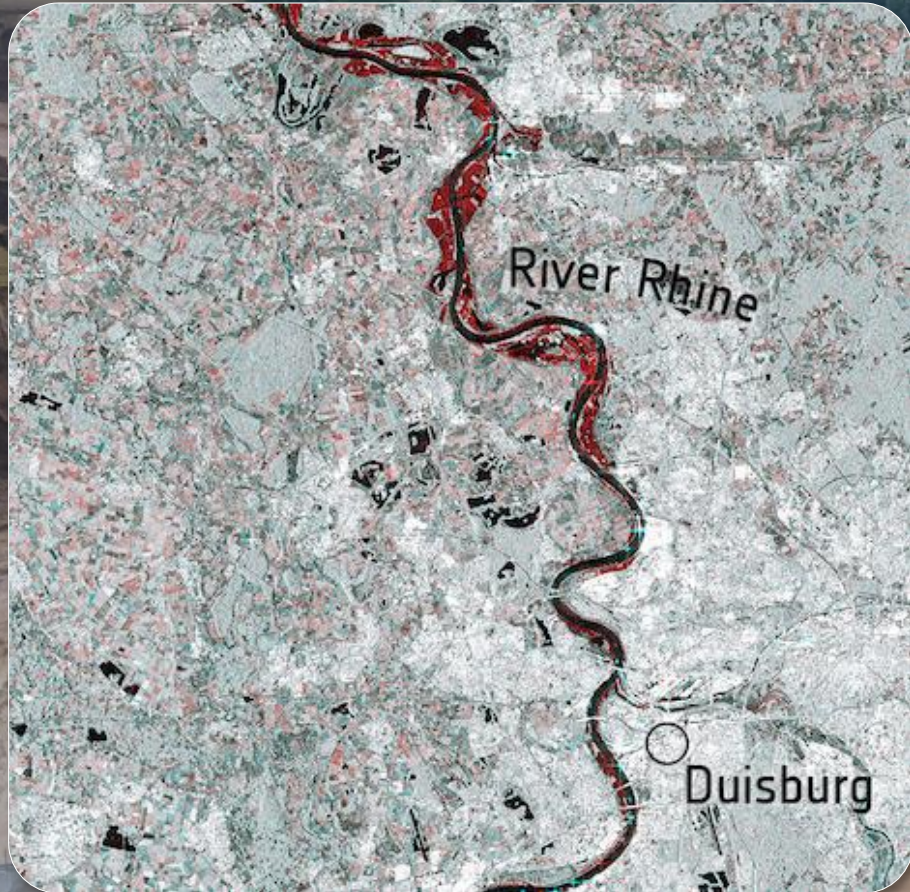


Arctic Ocean: Ice free by 2050?



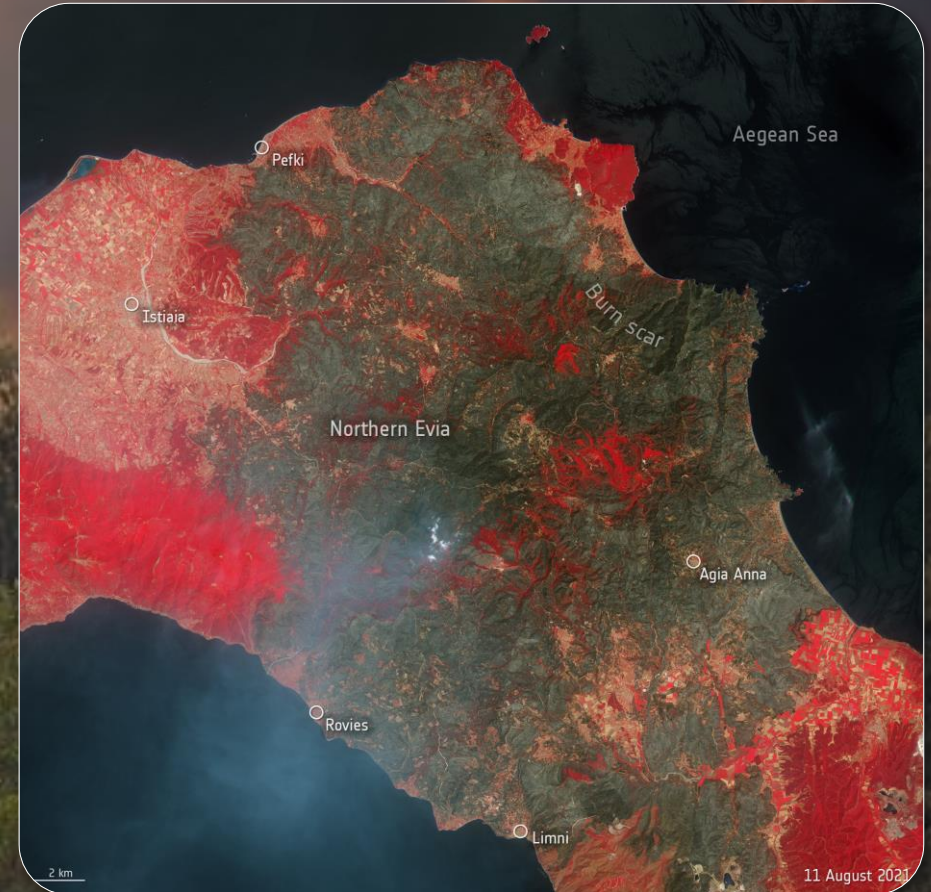
Moving from monitoring to action

Floods in Germany



Copernicus Sentinel-1
16 July 2021

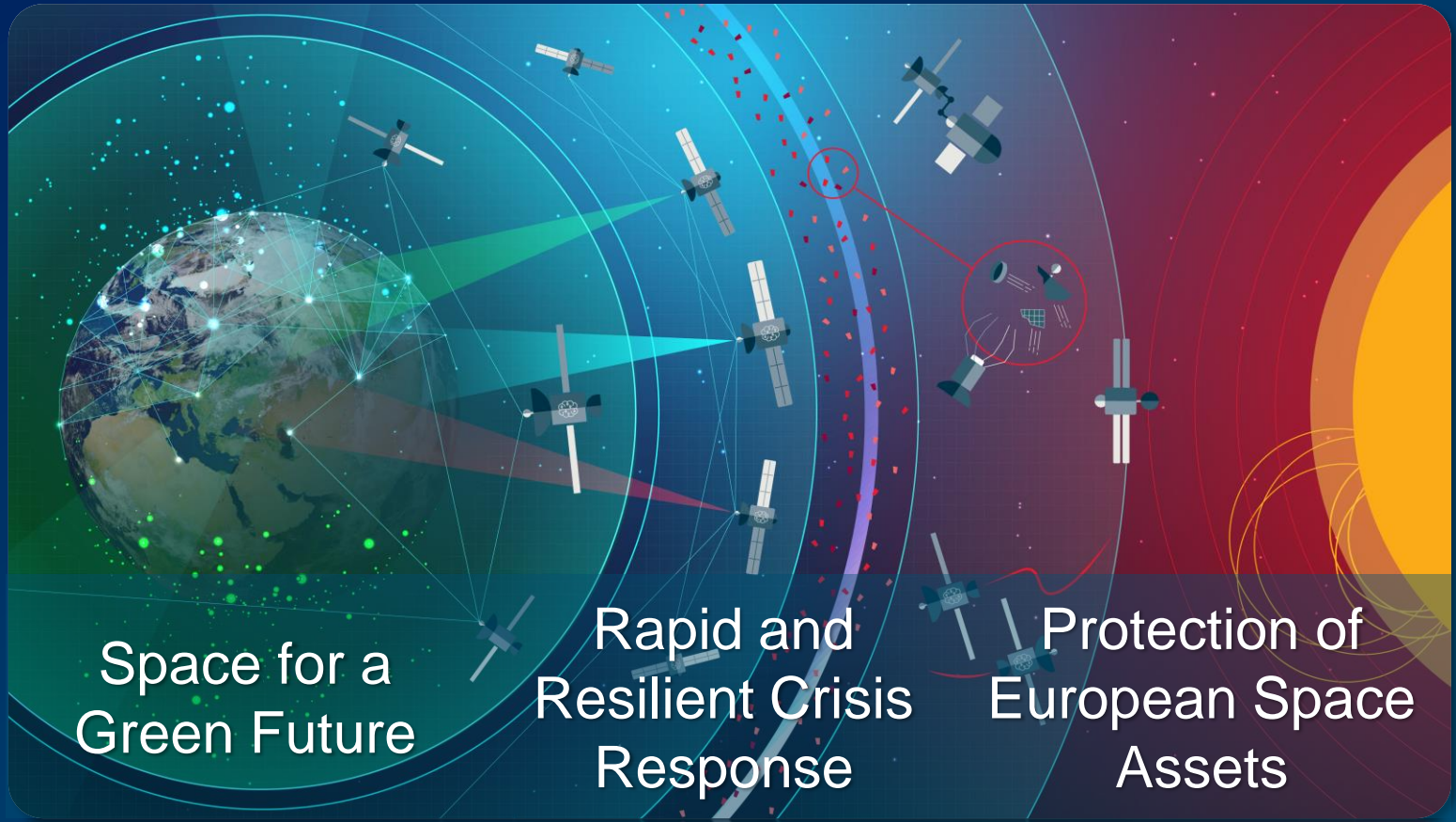
Forest fires in Greece



Copernicus Sentinel-2
11 August 2021

3 Accelerators

2 Inspirators



Digital Twin Earth



Accelerating Decarbonisation

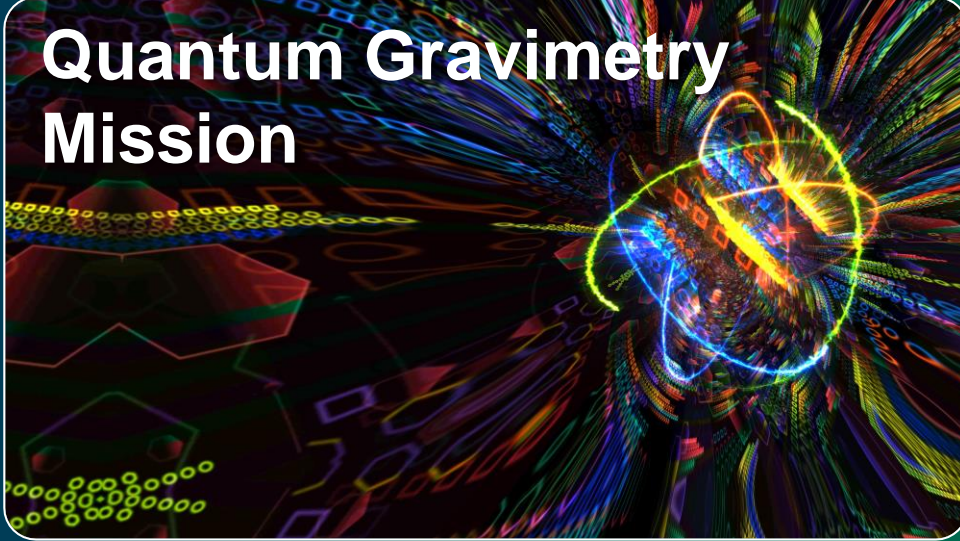
Commercial solutions with Industry for net zero emissions by 2050



Green Information Factories



Quantum Gravimetry Mission



Accelerator 2: Rapid and Resilient Crisis Response

Linking all key information

Earth Observation
HAPS
In-situ



Into one
integrated
smart
network

Fully utilising
Secure
Connectivity
EU flagship



A central image of the Earth from space, held gently by several hands of different skin tones. The background is a dark blue space with white stars.

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