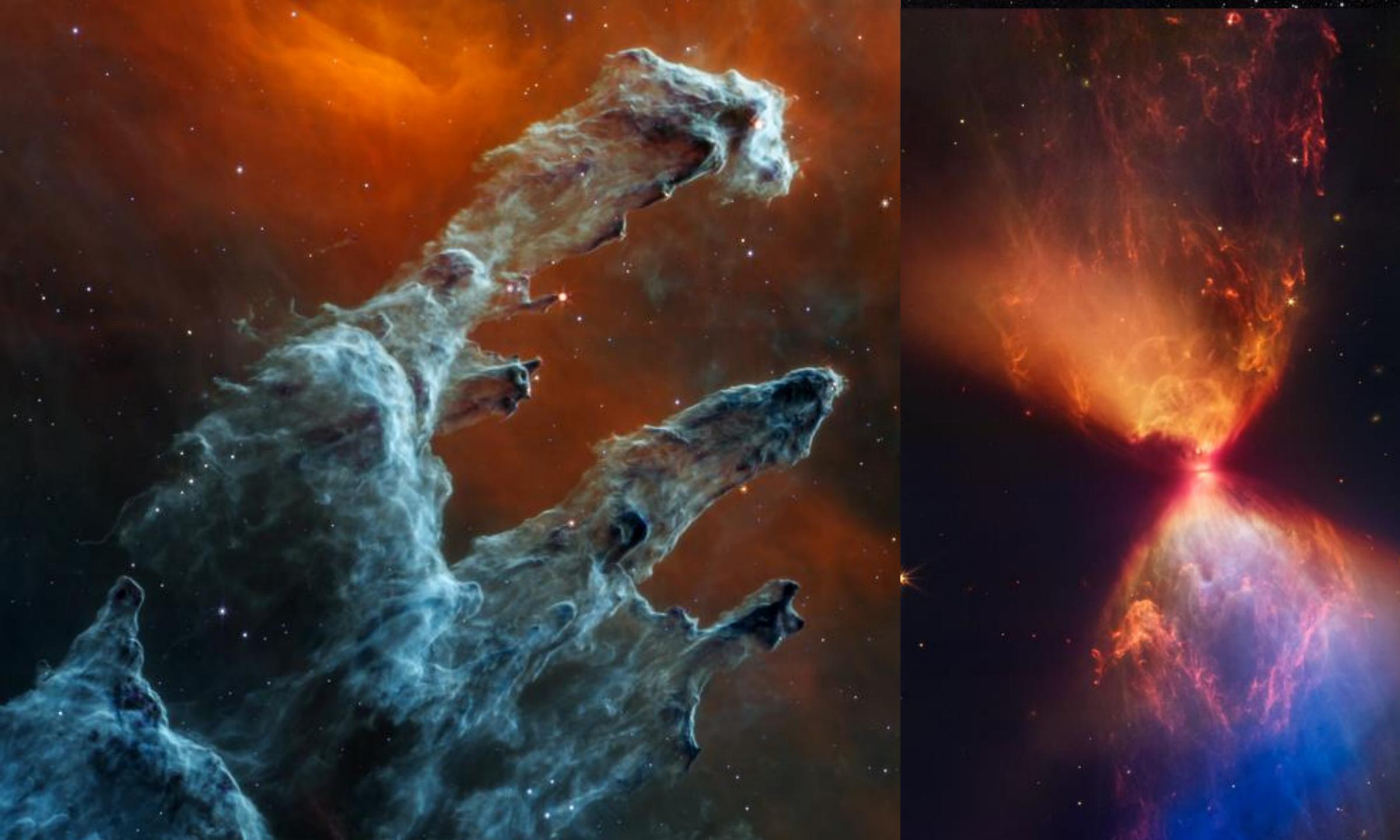


Ricardo Conde | June 2023

... from earth to space...

Space Economy and the Consciousness for sustainability







ESA UNCLASSIFIED – For Official Use



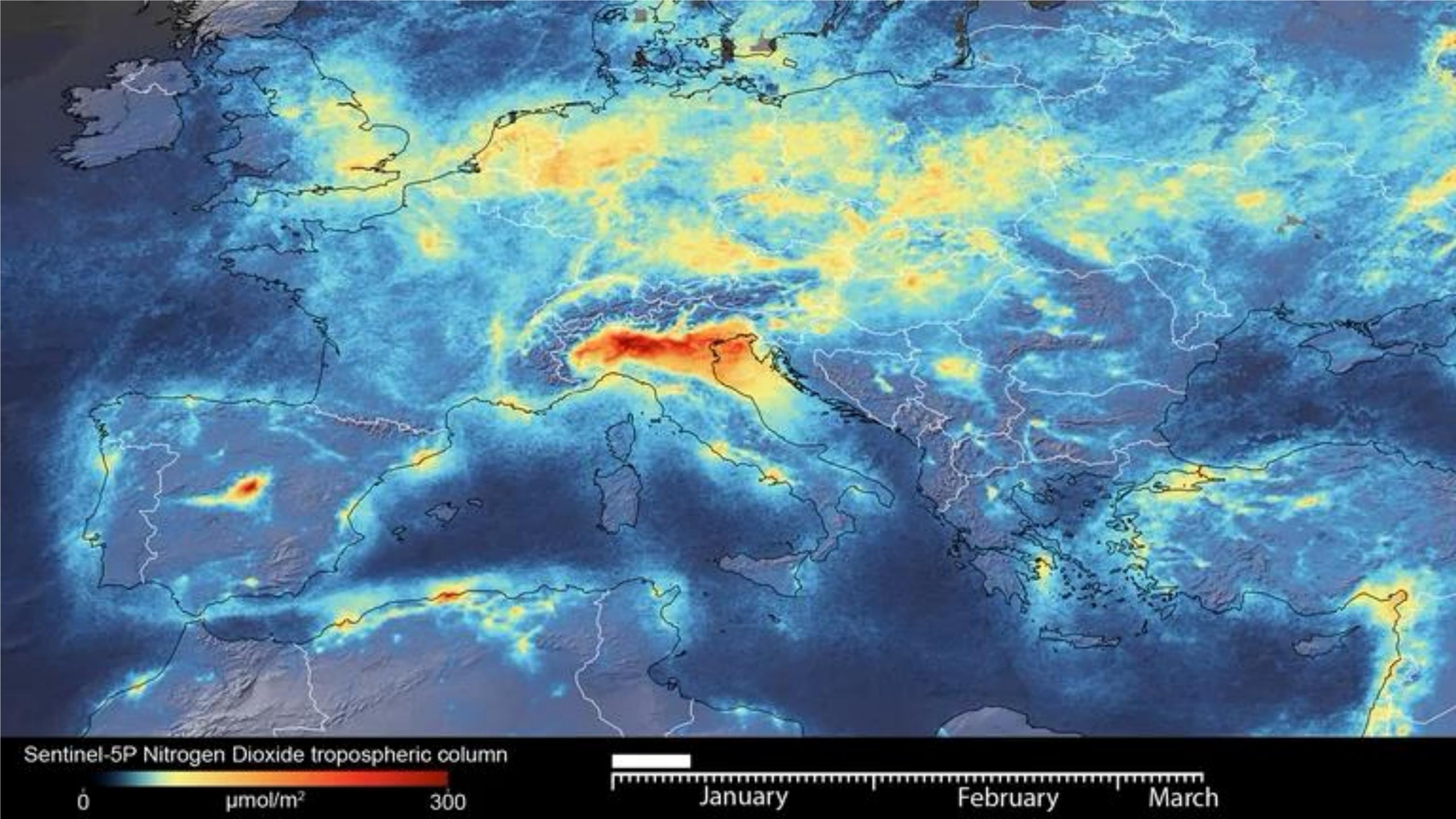


O PORTUGAL SPACE



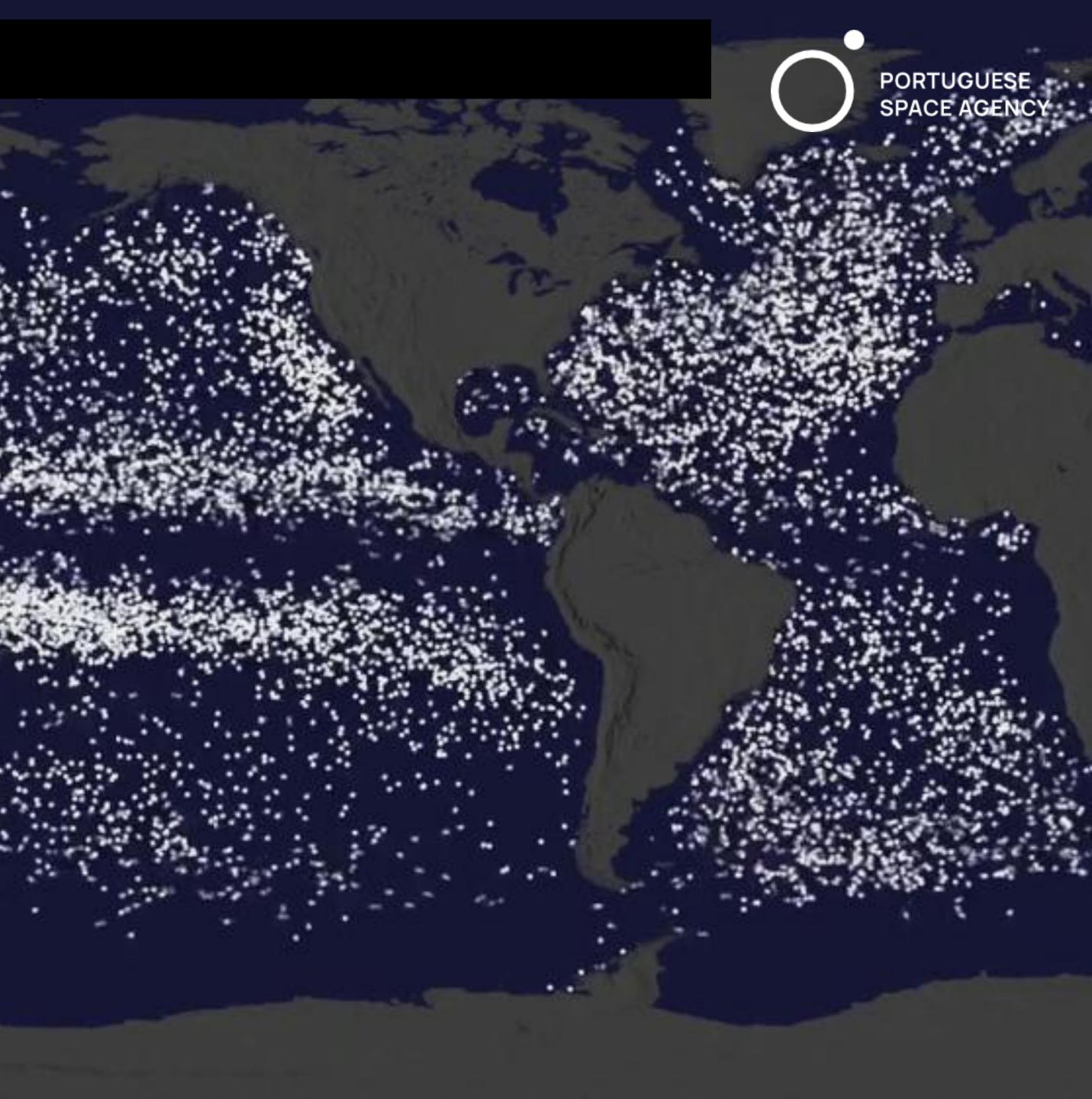


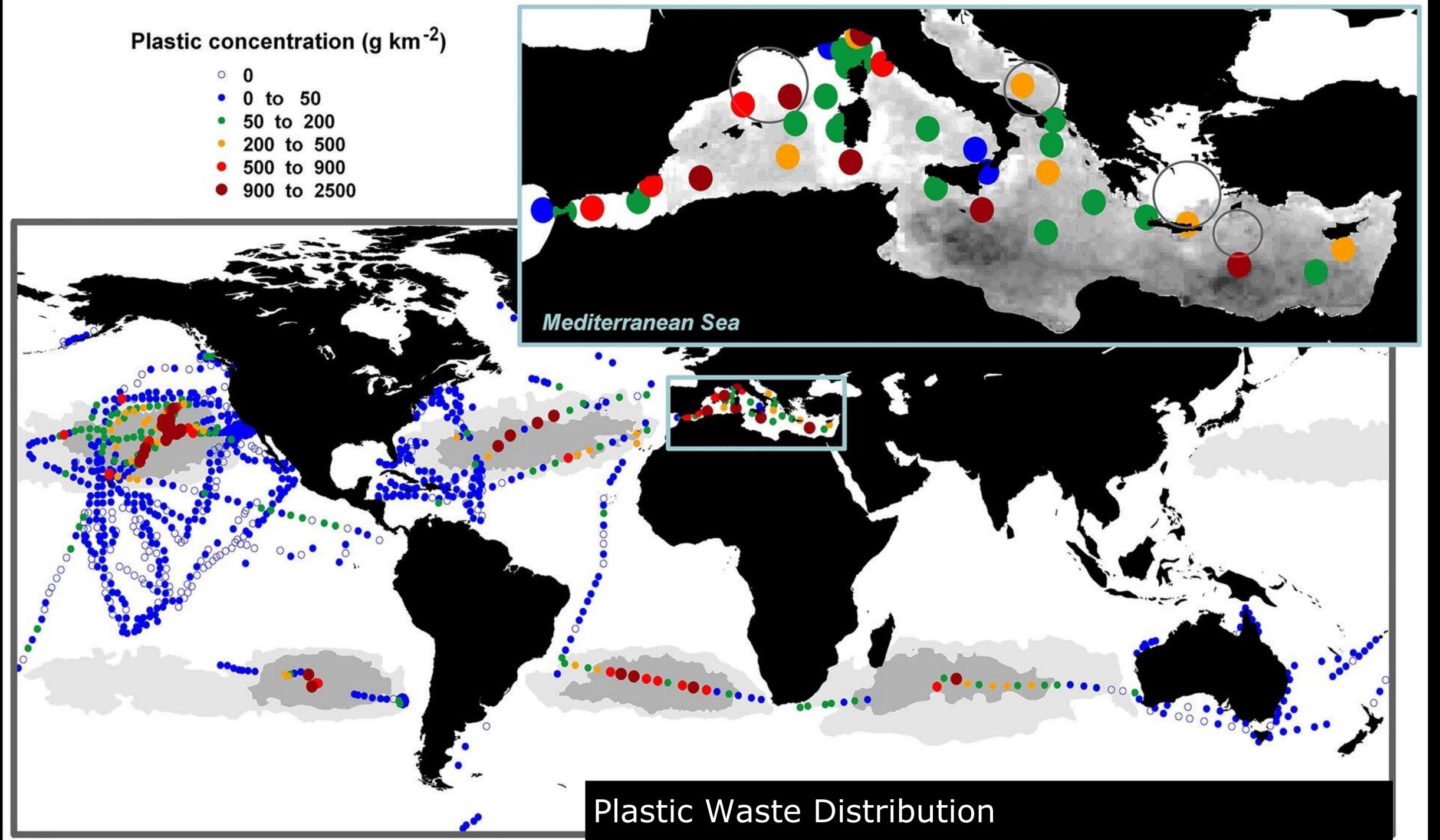


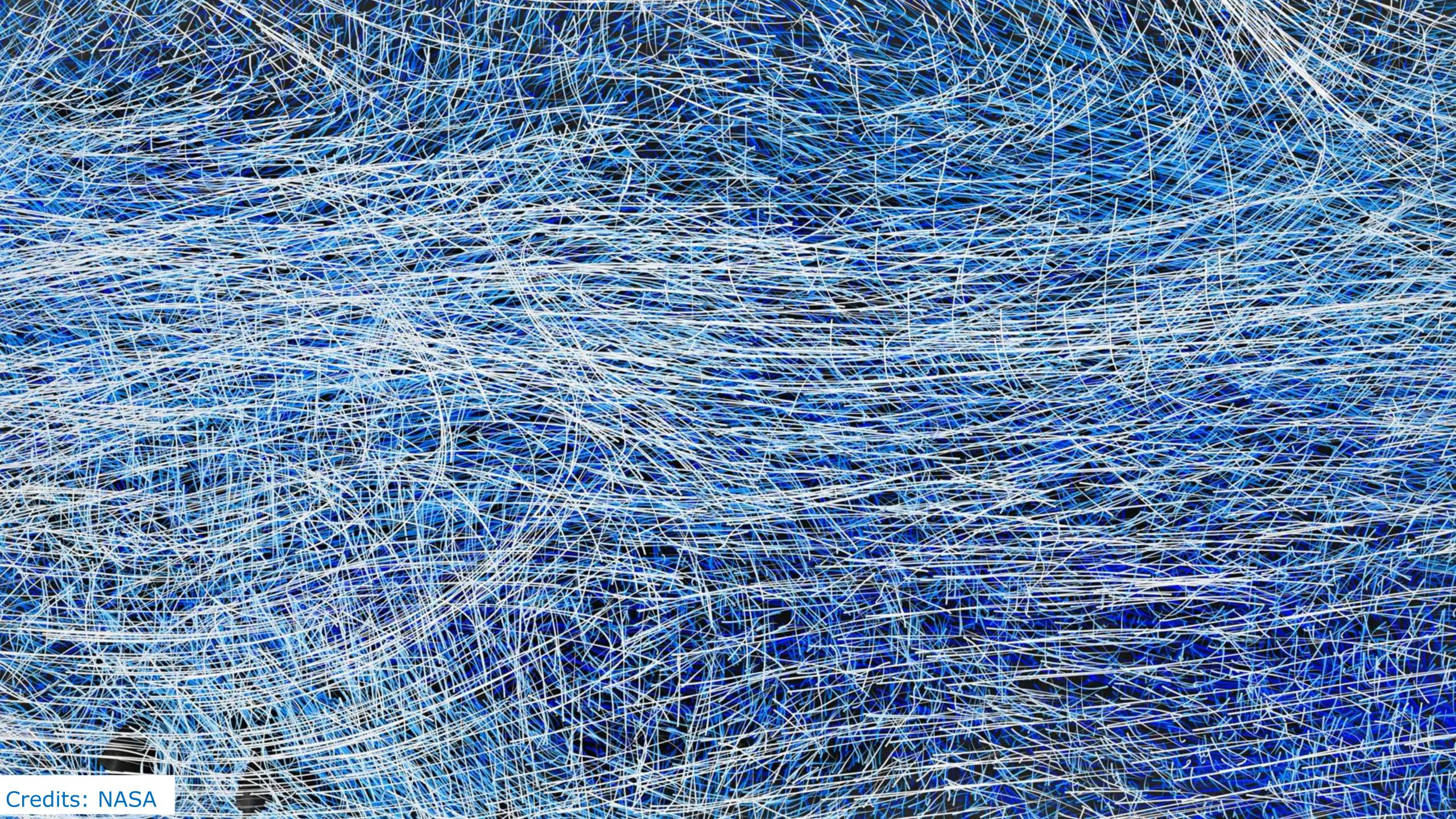


Quelle: Nasa Pastic routes

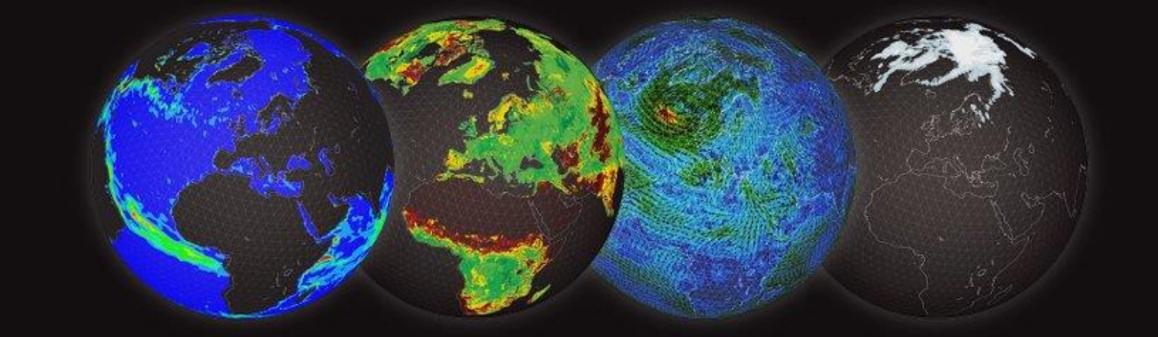
Days since release: 0246







Digital Twin Earth - A comprehensive model of the earth Simulates the Oceans, atmosphere, ice and land territory





A global effort for an open data Policy for Earth Observation, is needed

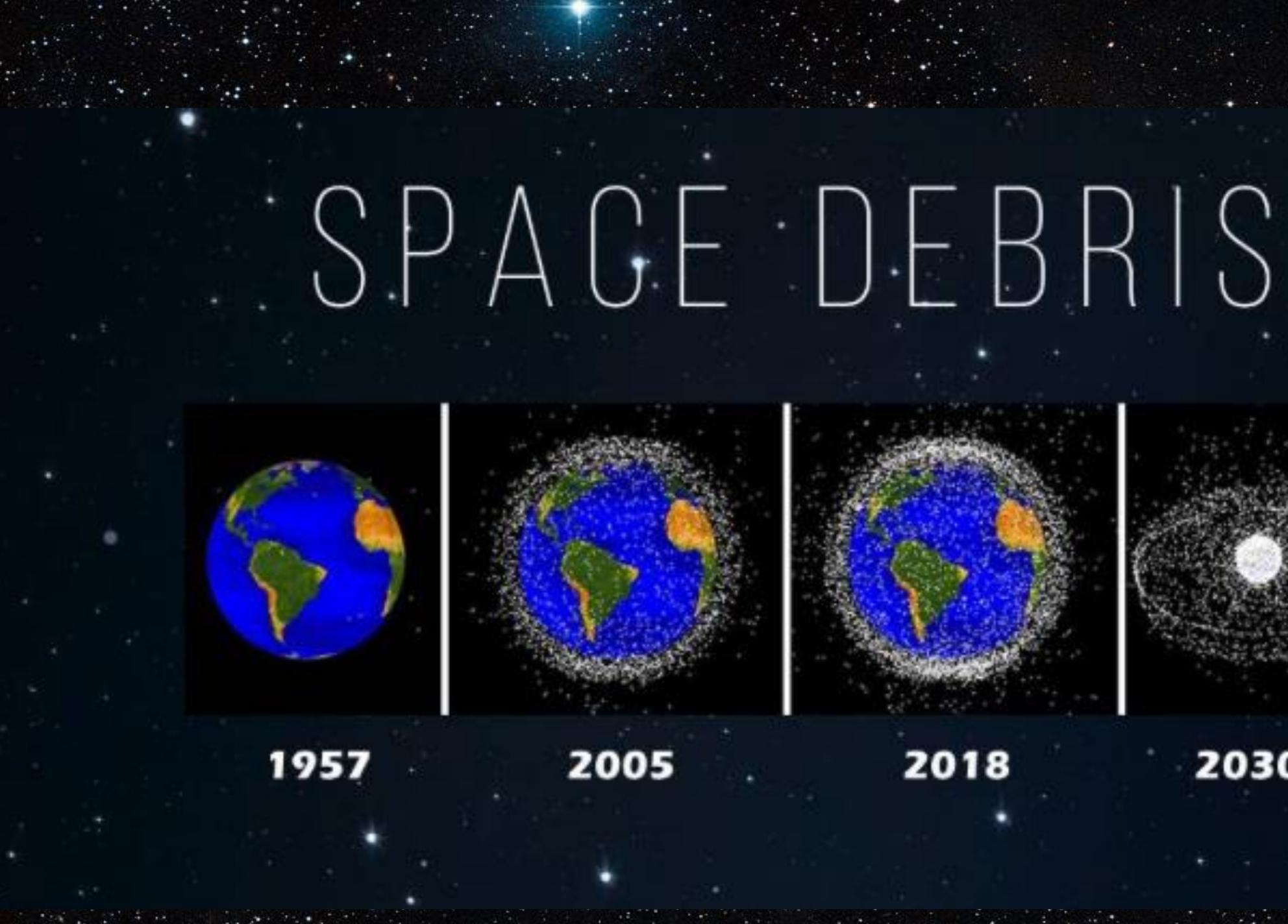






What we did to our oceans, We are doing the same to the outer space

Space Debris: The Problem!





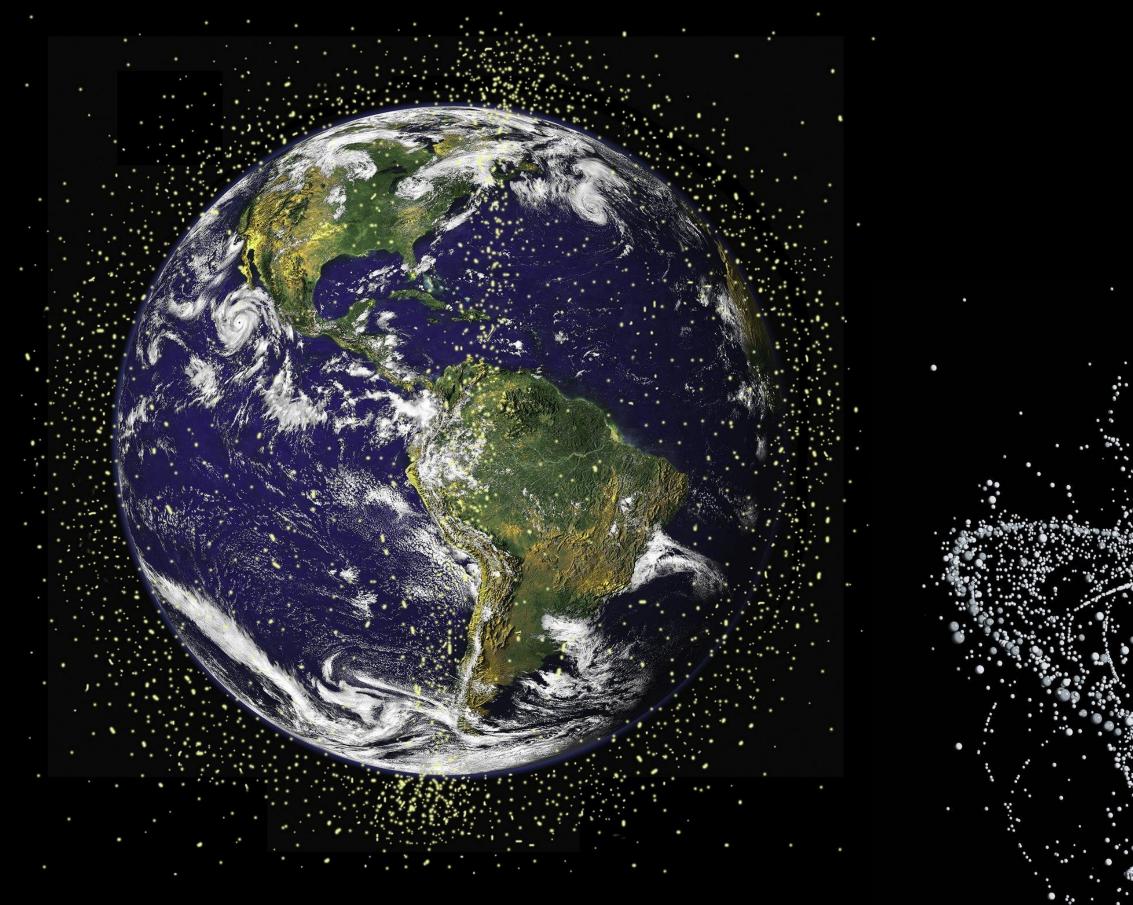


2018

2030??

8:18









Active Debris Removal / On-Orbit Servicing

3*3*3*3*3*3*3*3*



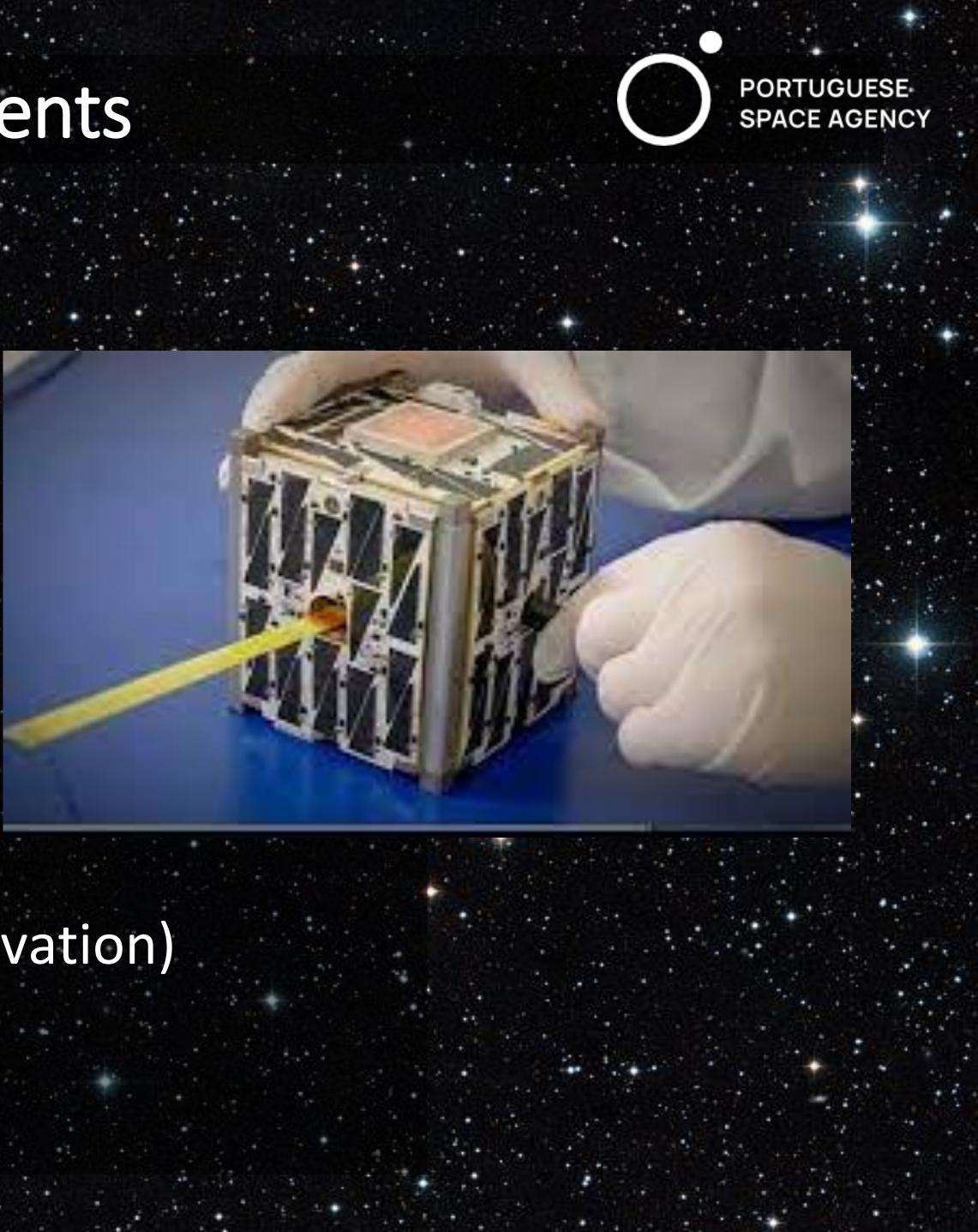


New Challenge for University Students

The CubeSat competition

- 2 years projects
- **Starting September 2023**
- A CubeSat Based mission
 - Primary and Secondary missions (innovation)
 - First Prize To launch the Satellite





Be sure you wash your hands, and all will be well



There is no hint that help will come from elsewhere to save us from ourselves.

BE SURE TO WASH YOUR IANDS AND ALL WILL BE WELL

mackaycartoons.ne

IMATE

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BIODIVERSITY COLLAPSE



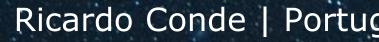
The thin layer that binds us to life



" It's the only earth we have, and it contains something absolutely precious:"

Our future





Start's

PORTUGUESE SPACE AGENCY

Thank you

Ricardo Conde | Portuguese Space Agency | June 2023

