

Video: Tracking human emissions from space

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The Copernicus Anthropogenic Carbon Dioxide Monitoring (CO₂M) mission will be the first satellite mission to measure how much carbon dioxide is released into the atmosphere through human activity.

CO₂M isn't just a [mission](#); it's a crucial step in our commitment to understanding and mitigating climate change. It will offer unprecedented

precision in monitoring [carbon dioxide emissions](#) from the combustion of fossil fuel at national and regional scales.

Its [data](#) will provide the EU with a unique and independent source of information to assess the effectiveness of policy measures and to track their impact towards decarbonizing Europe ahead of the next Global Stocktake set to place in 2028.

The video features interviews with Valerie Fernandez, CO2M Mission Project Manager, Yannig Durand, CO2M Payload Manager and Yasjka Meijer, CO2M Mission Scientist.

Provided by European Space Agency

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