

Horizon Europe 2021 Call factsheet



Improved understanding of greenhouse gas fluxes and radiative forcers

This topic aims at filling fundamental gaps in our understanding of Earth system, focussing on greenhouse gas (GHG) fluxes and Earth system feedbacks, the behaviour of radiative forcers (including their pre-cursors), and efforts to stabilise global temperature through deployment of carbon dioxide (CO₂) removal approaches.

Scope:

Actions should improve scientific understanding in only one of the following areas:

- Greenhouse gas fluxes and Earth system feedbacks
- Global warming contribution of different, non-CO₂ radiative forcers
- Climate and Earth system responses to climate neutrality and net negative emissions

Topics:

- Knowledge in the addressed areas through increasing the use of high quality data
- Improved projections of climate change
- Improved understanding of how innovative mitigation actions can help stabilise global temperature
- Improvements in Earth system models, climate services and other forms of downstream use.



Horizon Europe

The indicative budget for this category is EUR 24.00 (Million).

Reference:

HORIZON-CL5-2021-D1-01-01

Research and Innovation

Opening: 24 Jun 2021

Deadline: 29 Sep 2021

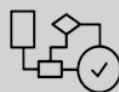
Call overview, Produced 14/06/2021. Visit our website www.opencalls.space

Countries



all

Technology



satellite-based earth observation, positioning, navigation and/or related timing data and services with the use of Copernicus and/or Galileo/EGNOS (+other data and services)

Activities



Research on climate change and mitigation, develop and improve projections, improve models

Contact



info@groundstation.space