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Space4Climate Market Breakthrough Open Collaboration Funding Opportunity

Net-Zero 1: Agriculture

- Improving farm productivity and efficiency and improving soil health have been identified as key areas where satellite-based climate tools can support the agricultural sector's Net-Zero transition.
- However, much of the sector continues to use more traditional methods, physically inspecting crop samples to assess health and productivity. Possible reasons for this include cost, data quality and availability or simply a lack of awareness. Processing and interpreting satellite data can also require a high level of technical expertise. Unclear regulatory policies and legal requirements do not help the supply or demand side.
- To overcome these barriers, it will be important to increase technical capacity and expertise, improve access to data and computational resources, and to raise awareness and understanding of the benefits and applications of Earth Observation data in agriculture. Additionally, partnerships between governments, research institutions, private sector organisations, and farmers' organisations will be critical in promoting the use of Earth Observation data for sustainable agriculture and food security.
- Briefing event Friday 7th July
- <https://www.eventbrite.co.uk/e/space4climate-market-breakthrough-open-collaboration-funding-opportunity-tickets-665200421367>

European Space Agency

Connected Agriculture (ESA Kick-Start)

- NEXT GENERATION FARM MANAGEMENT SYSTEMS
- SMART LIVESTOCK AND STABLE MONITORING
- PRECISION FARMING AND AUTOMATION
- FARM MACHINERY MAINTENANCE MANAGEMENT

Kick-Start activities are 75% funded by the European Space Agency up to a maximum of €60K per contract.

DEADLINE 31/8/23

<https://business.esa.int/funding/invitation-to-tender/connected-agriculture>

ESA Direct Negotiation

- Feasibility Study, Demonstration Project
- ESA Business Applications' Call for proposals (Direct Negotiation) is always open. Businesses from any sector can apply throughout the year, and the amount of funding may vary according to the project. The goal of this activity is for the business to develop a new commercial service that utilises one or more space asset (such as Satellite Communications, Earth Observation, Satellite Navigation, Human Spaceflight technologies and other space assets).
- Up to €2m, apply anytime

<https://business.esa.int/funding/direct-negotiation-generic-programme-line>

The logo for Climate Impact Lab features the text "CLIMATE IMPACT" in a bold, white, sans-serif font, stacked vertically. Below this, the word "LAB" is centered between two horizontal white bars. The entire text is set against a dark purple circular background, which is itself surrounded by several overlapping, thin, light purple lines that create a sense of motion or orbit.

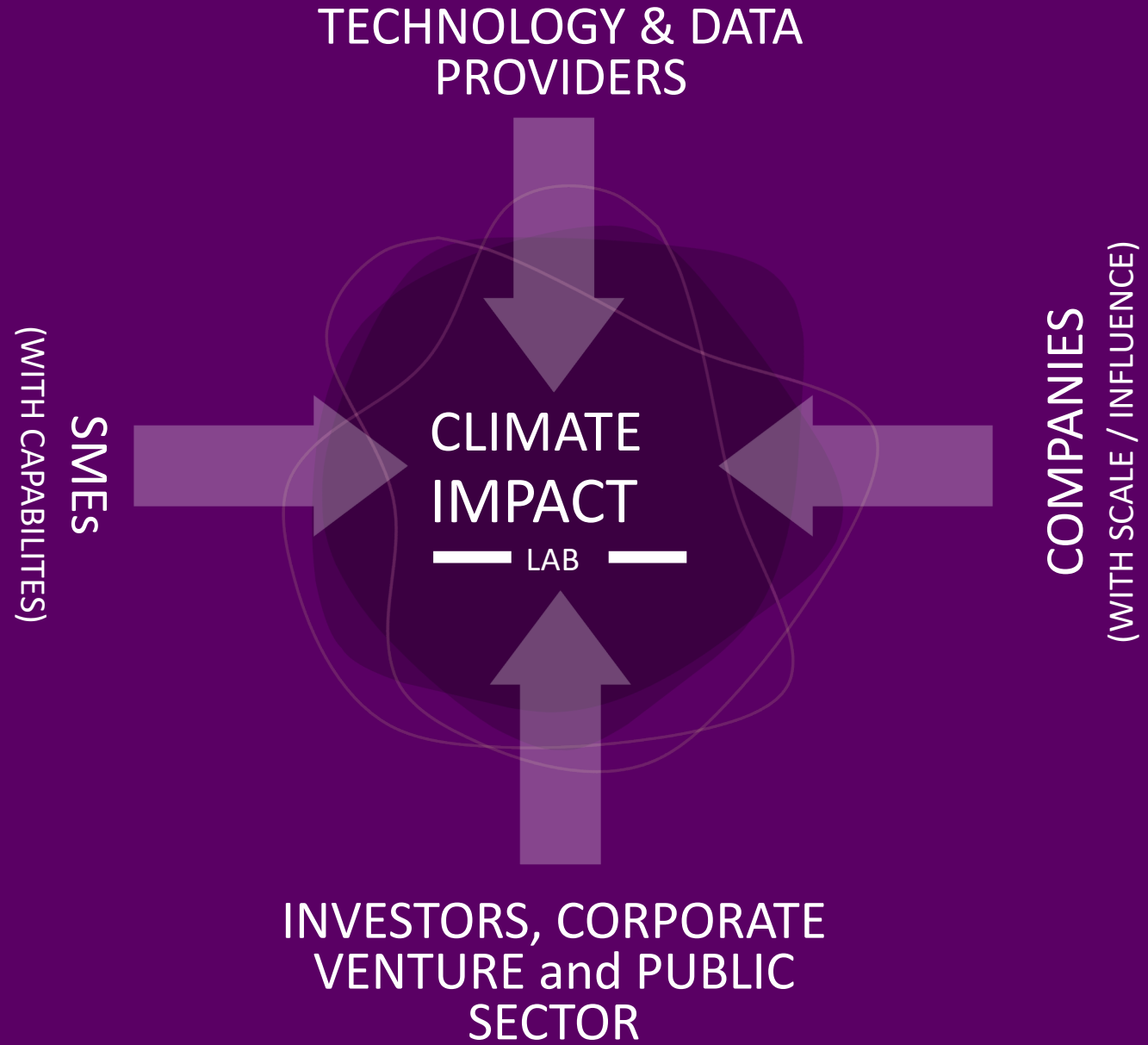
CLIMATE IMPACT

— LAB —

MARKET READY SOLUTIONS FOR CLIMATE RESILIENCE, ADAPTATION & NET ZERO

Global CO₂ 1977 333ppm

Global CO₂ 2021 416ppm

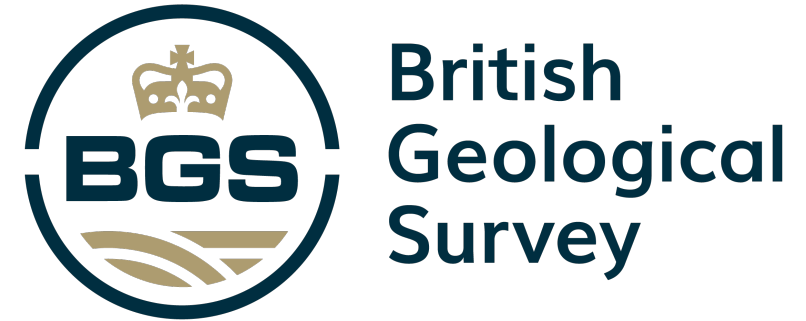




SPACE
CLIMATE



PROUD TO ALREADY HAVE
COMMITMENT FROM



**CREATING BUSINESS SOLUTIONS
FOR CLIMATE RESILIENCE, ADAPTATION
& NET ZERO**

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