

Press release

From science to reality: Climeworks is part of the Science Museum's exhibition *Our Future Planet* in London

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- Climeworks is an object lender for the Science Museum's exhibition *Our Future Planet* in London, which showcases different carbon capture solutions.
- A Climeworks CO₂ collector is one of the key objects displayed in the exhibition.
- By showcasing its direct air capture technology, Climeworks wants to create awareness for carbon dioxide removal solutions and inspire people to take climate action.



A view of the Climeworks' Direct Air Capture machine, © Science Museum Group

About the exhibition:

Climeworks gets one step closer to its vision of inspiring 1 billion people to remove carbon dioxide from the air by becoming part of the Science Museum's exhibition *Our Future Planet* in London. The exhibition showcases different carbon capture solutions and runs from 19 May 2021 (UK Government guidelines permitting) to 4 September 2022 in time for the 2021 UN Climate Change Conference COP26, taking place in Glasgow in November. With its exhibition, the Science Museum creates awareness around the need to actively remove CO₂ from the atmosphere in addition to reducing current emissions. Both are required to get to net-zero emissions globally.

Our Future Planet features nature-based methods to remove carbon dioxide from the air, such as trees, as well as technological solutions like direct air capture. Apart from that, the exhibition highlights CO₂ storage options, such as the underground mineralization of CO₂ or storage beneath the seabed (something the UK and Norway are exploring for the North Sea) as well as possible uses of air-captured CO₂. Additionally, systems that capture CO₂ directly at the point of emission are discussed. In the final section, the visitors will learn how these technologies could

impact their lives, from captured carbon being used in toothpaste, yoga mats and even vodka, and inspire them with the ways carbon capture technology can help mitigate climate change.

Climeworks' role in the exhibition:

Climeworks lends one of its first CO₂ collectors to the Science Museum, which is one of the biggest objects in the exhibition. By doing so, Climeworks wants to highlight the importance of technological solutions to remove carbon dioxide, which are needed in addition to natural removal solutions and emission reduction if the world wants to get to net-zero emissions.

This is due to a number of reasons: while planting trees comes with added benefits such as increased biodiversity, it cannot be easily scaled due to its water and surface area requirements, competing with other land uses. Also, since trees store CO₂ in their biomass while growing, it cannot always be guaranteed that the CO₂ is removed permanently: wildfires or deforestation can destroy forests and release CO₂ back into the atmosphere. Direct air capture is a complementary approach to planting trees: it is highly scalable due to its small physical footprint and removing CO₂ via direct air capture is permanent and fully measurable.

By being part of *Our Future Planet*, Climeworks wants to demonstrate that anyone can play a role in scaling solutions like direct air capture. We strive to make our solution accessible to everyone by allowing people to [join our mission](#) and remove CO₂ with our technology, which is showcased in the museum. We are therefore grateful for the opportunity to be part of *Our Future Planet*, as this creates more awareness around technological solutions to climate change.

Editor's Notes:

- Climeworks' spokespersons are available for interview and comment.
- Images of Climeworks' technology are available on request.
- For media enquiries, please contact media@climeworks.com.

About Climeworks

Climeworks empowers people to reverse climate change by permanently removing carbon dioxide from the air.

One of two things happens to the Climeworks air-captured carbon dioxide: either it is returned to earth, stored safely and permanently away for millions of years, or it is upcycled into climate-friendly products such as carbon-neutral fuels and materials. The Climeworks direct air capture technology runs exclusively on clean energy, and the modular CO₂ collectors can be stacked to build machines of any size.

Founded by engineers Christoph Gebald and Jan Wurzbacher, Climeworks strives to inspire 1 billion people to act now and remove carbon dioxide from the air.

Together we can build a climate-positive world. Join us!

Web: <https://www.climeworks.com>

Twitter: <https://twitter.com/Climeworks>

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