SCIENCE MUSEUM GROUP

OUR FUTURE PLANET

Our Future Planet showcases the cutting-edge technology and nature-based solutions being developed to remove and store excess carbon dioxide – the most significant cause of climate change.

This timely contemporary science exhibition helps visitors to understand how these new technologies could work alongside the drastic cuts in greenhouse gas emissions that are essential to our future.

Our Future Planet is available to hire in the form of an exhibition Blueprint Pack, allowing your organisation to create a unique exhibition customised to your specific location and audience.

TARGET AUDIENCES
Independent adults, families, students and older school groups

SIZE AND FORMAT
Completely flexible, depending on your space and needs

HIRE PERIOD
No minimum hire period

FEATURES
- Digital assets including an introductory animation, plus three section overview films featuring interviews with scientists and footage of different technologies
- 'Carbon Controller' interactive which encourages visitors to think about policies and regulations relating to this technology
- Design assets including text panels and graphics
- Sample object list, contacts and sources

CONTACT
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sciencemuseum.org.uk/touringexhibitions

Above: Klaus Lackner's prototype mechanical tree
All images: Science Museum Group Collection

EXHIBITION OVERVIEW
Complemented by digital media, *Our Future Planet* presents the stories of scientists and engineers developing technologies and techniques to remove carbon dioxide (CO_2) from the atmosphere. Content is provided for each section, allowing your organisation to source and showcase examples of these types of technologies for your own display.

Introduction
The first section addresses the central question of why scientists are focusing on capturing CO_2, and sets these technologies in the wider context of climate change and its impacts. Visitors are reminded of the urgent need to reduce greenhouse gas emissions, highlighting that CO_2 removal is only part of the solution.

Working with nature
This section of the exhibition explores the role of forests and other natural ecosystems in removing CO_2 from the atmosphere. Visitors are encouraged to look at these environments in a new way – as places of active scientific research.

Direct air capture
Direct air capture technologies remove CO_2 from the air around them. They have been in development for years, but now these machines are starting to populate our landscapes as part of the suite of methods required to mitigate the impacts of climate change.

Carbon capture and storage
In this section, *Our Future Planet* looks at technologies being developed to prevent CO_2 leaving factories and power plants. Visitors can also see a range of ways that captured carbon could be used and stored, from consumer products such as sunglasses and toothpaste, to building materials and large-scale underground storage.