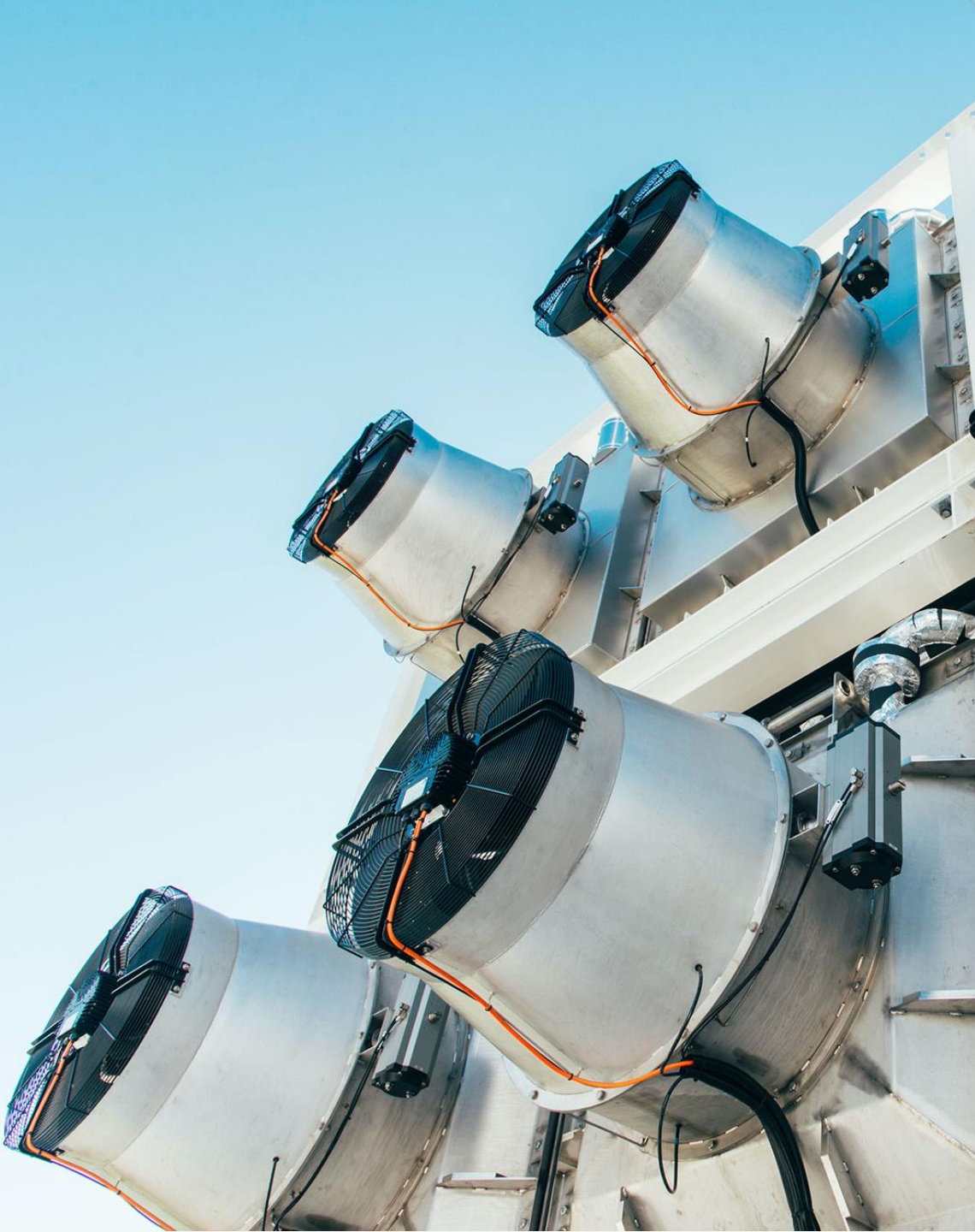




On the Way to Climate Neutrality: Defining Real and Credible Carbon Removals

Christoph Beuttler, CDR Manager





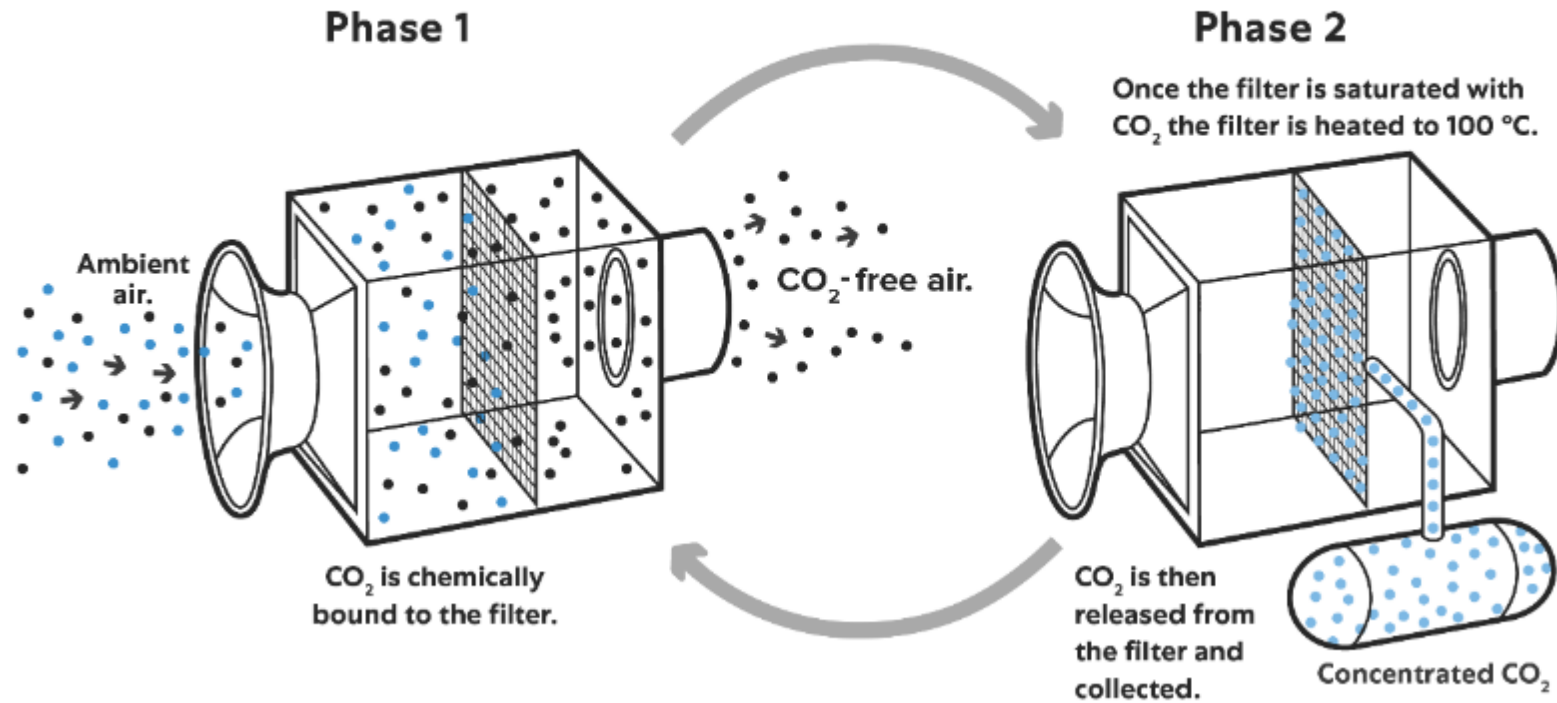
Company & solution

- **+120 FTEs** in Zürich, Subsidiary in Cologne, Germany and Iceland
- **CHF +165M investment**
- **Modular** CO₂ collector scale-up via mass production
- Use **Sustainable energy** only.
As a result **low carbon footprint** with <10% - <5% whole life cycle emissions
- **World's first** company supplying DAC solutions to customers

How our technology works



How our technology works





Plant locations

- **15 plants** currently in commissioning/operation across Europe
- Many **10'000 hours** of operational experience
- Across a wide range of climatic conditions (Southern Italy vs. Iceland)



Comparison of CO₂ removal approaches



AFFORESTATION

Large-scale tree plantations to increase carbon storage in biomass.



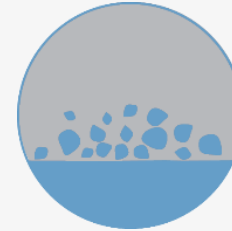
BECCS

Bioenergy in combination with carbon capture and storage.



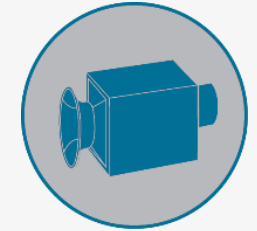
ENHANCED WEATHERING

Distribution of crushed silicate rocks on soil surface to absorb CO₂ chemically.



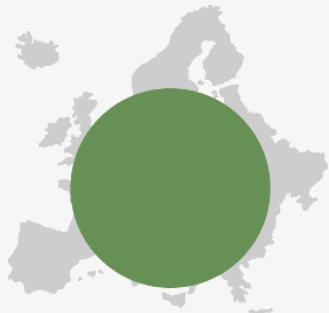
DIRECT AIR CAPTURE

Direct capture of CO₂ from ambient air through engineered chemical reactions.



AREA REQUIRED

to remove 8 Gt CO₂ per year





Climeworks AG

Birchstrasse 155
8050 Zurich

+41 (0)44 533 29 99
contact@climeworks.com



www.climeworks.com

