

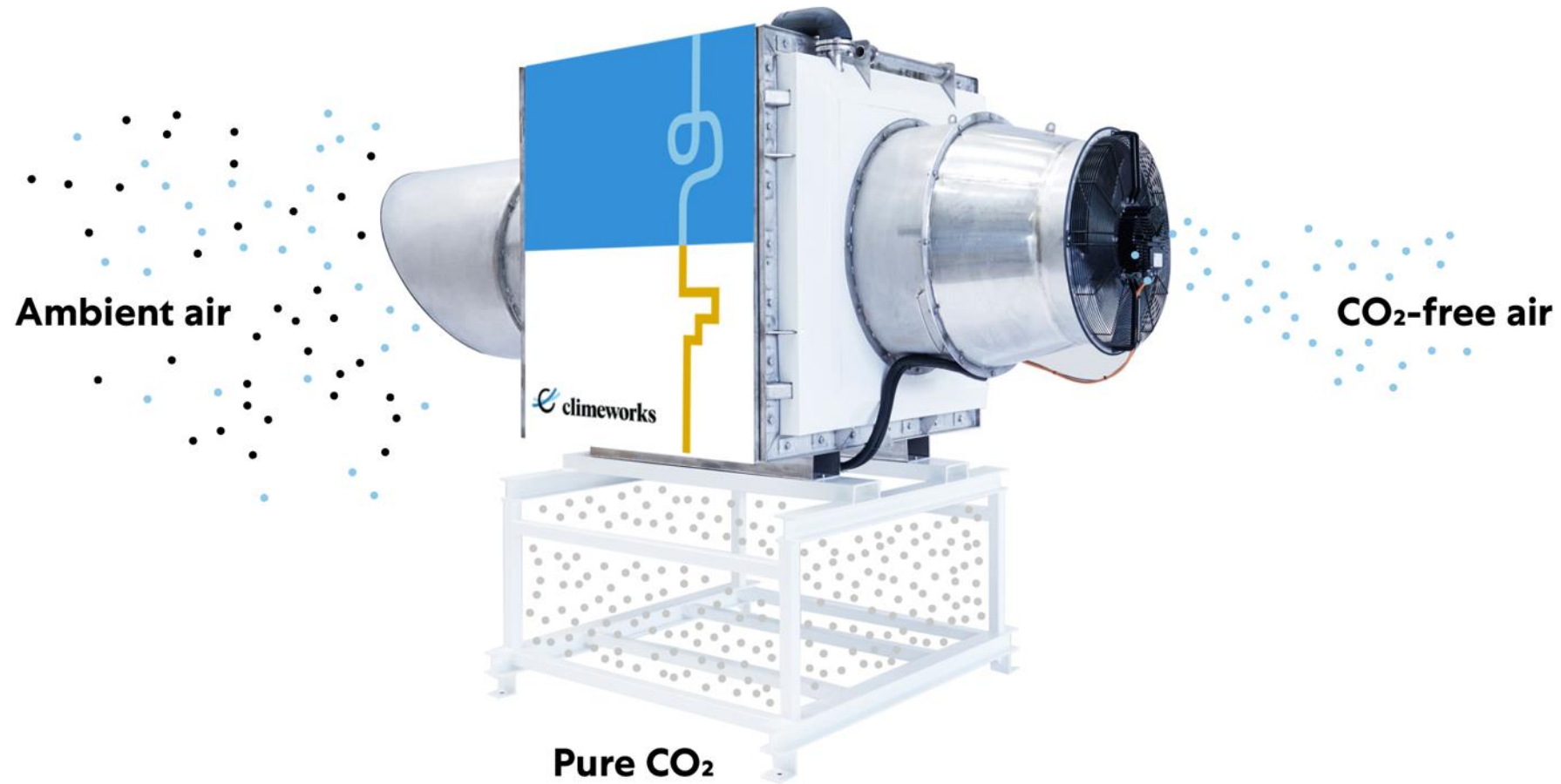


# Transport Environment

July 2021



# Climeworks collector

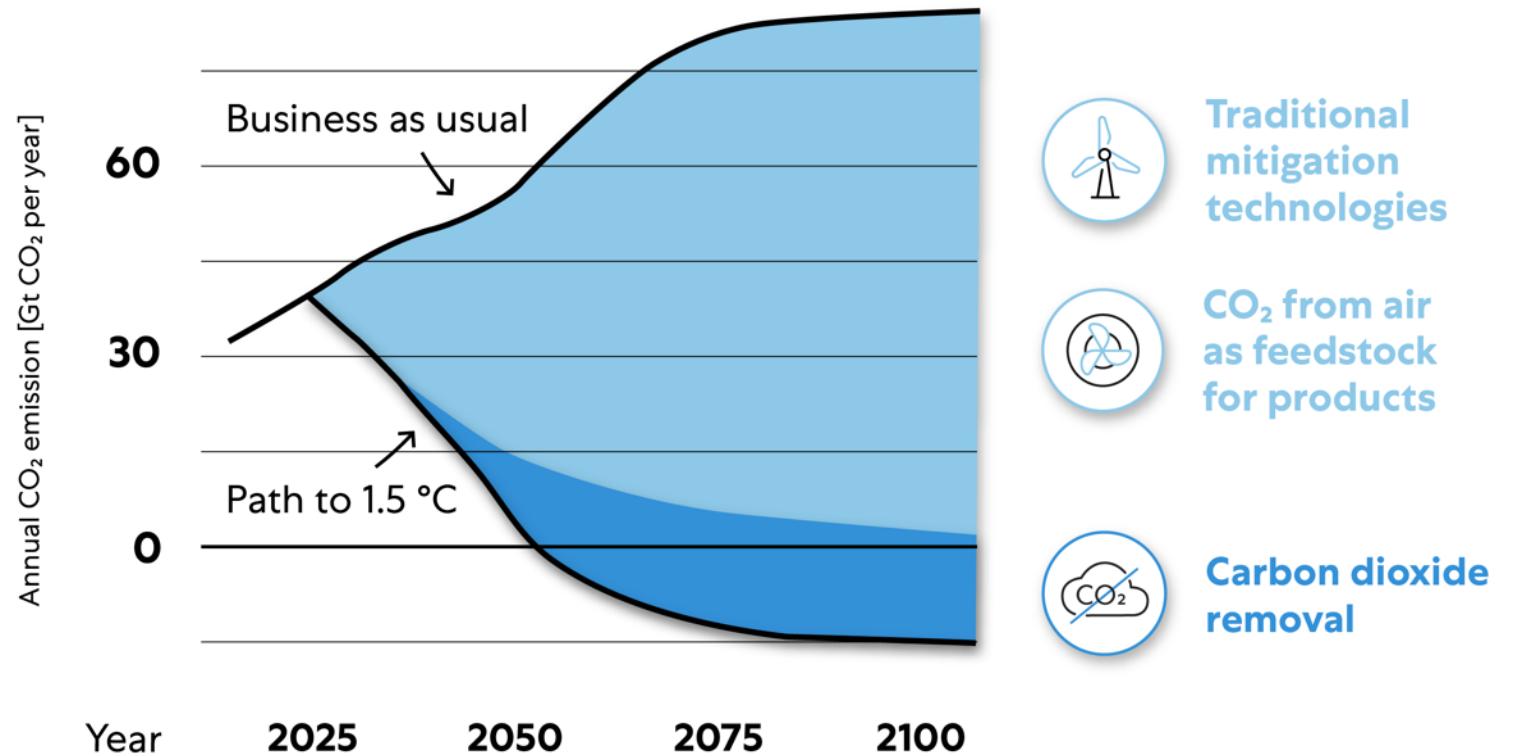


# Why direct air capture?



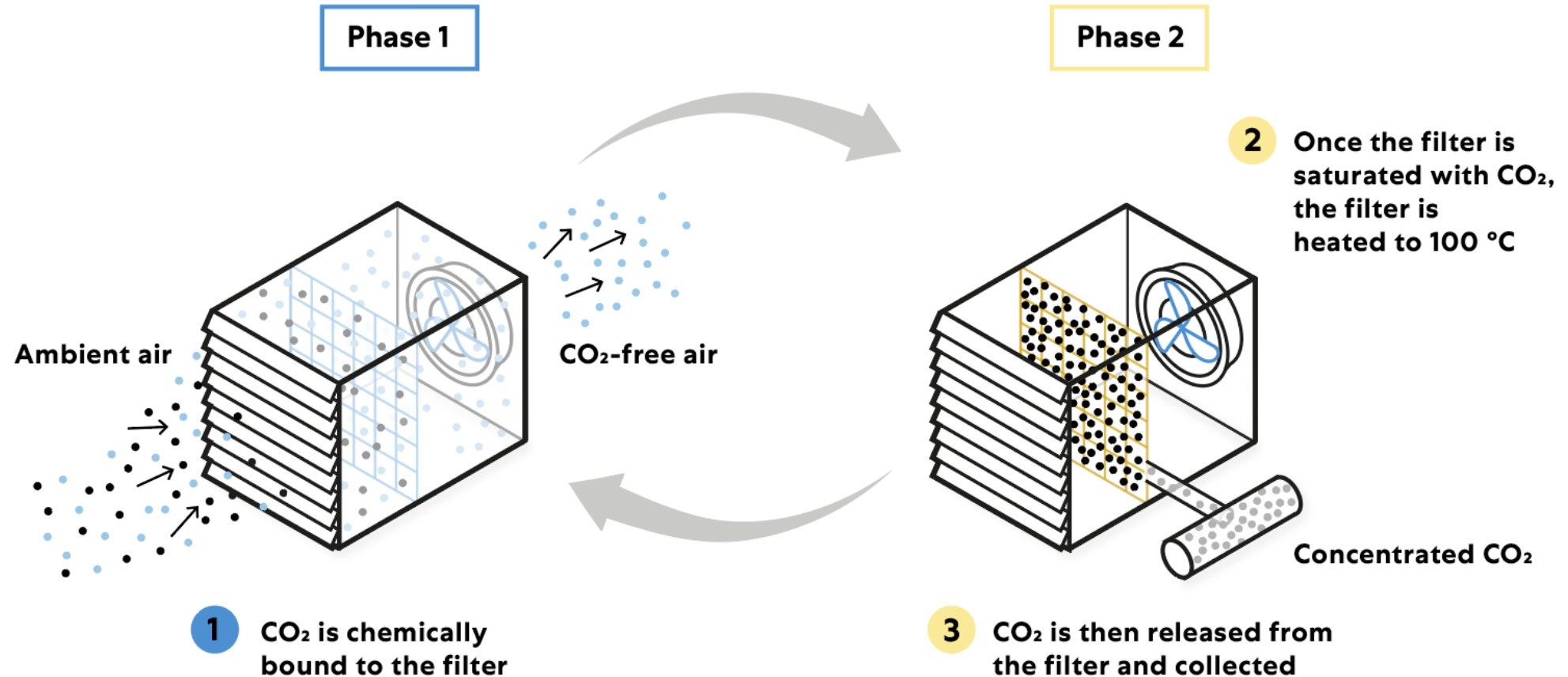
## How to keep global heating below 1.5°C

- **Replace fossil carbon** for fuels and materials
- Neutralize **unavoidable emissions** to reach net-zero
- Realize **negative emissions** to achieve climate targets



Data source: (with permission from) Mercator Research Institute

# How our technology works







# The Climeworks solution

- **Modular** CO<sub>2</sub> collector scale-up via mass production
- **Sustainable energy** as main energy source
- **Low carbon footprint** with <10% life cycle emissions
- World's first company supplying DAC solutions to customers

# Flagship plant Switzerland



Certified by the Coca-Cola company

Public





# Climeworks plant locations

- **14 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)



# Scale-up roadmap



 **Switzerland**  
Hinwil



**900 tons of CO<sub>2</sub>**  
per year

**Create market**

**2017**


 **Iceland**  
Hellisheiði



**4'000 tons of CO<sub>2</sub>**  
per year

**Enable scale-up**

**2021**

 Iceland /  
Northern Europe

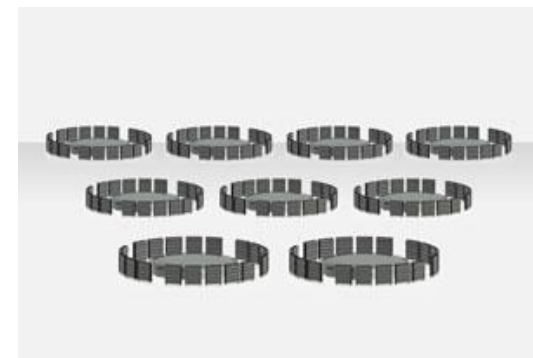


**> 40'000 tons of CO<sub>2</sub>**  
per year

**Volume production**

**2024**

 **Global**



**> 400'000 tons of CO<sub>2</sub>**  
per year

**Global roll-out**

**2027**





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