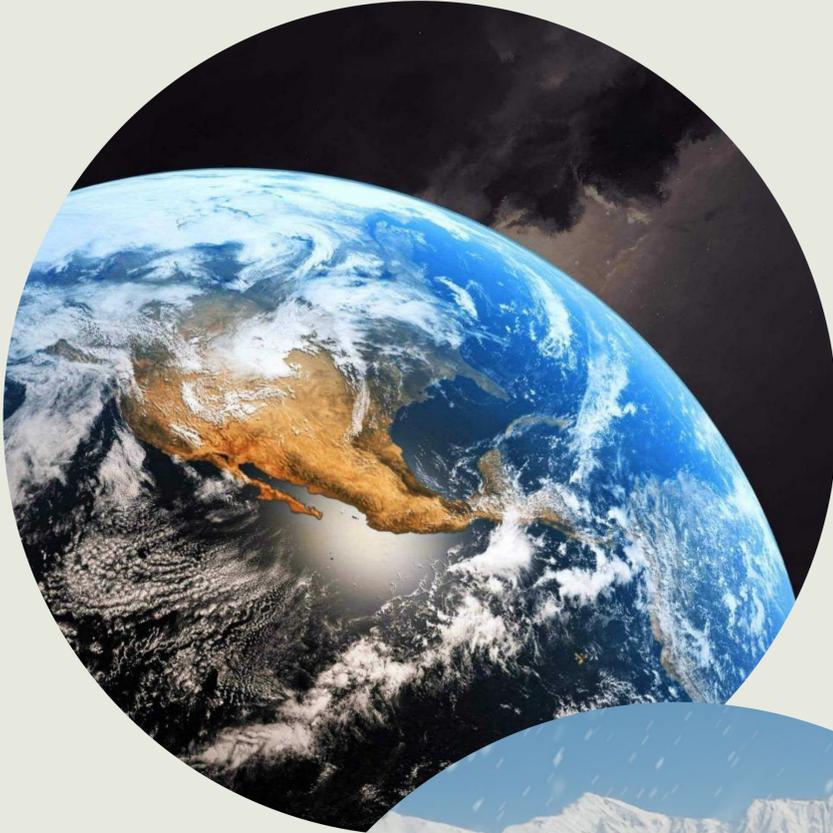


Camille Hanna | June 11, 2025

# From Air to Harvest: The Future of CO<sub>2</sub> in Greenhouses

GreenTech 2025 | Road to Zero Footprint





# From Space Tech to Climate Action: Meet Skytree

Engineering local, sustainable CO<sub>2</sub> for a resilient future



**Born from the European Space Agency (ESA) with 10+ years of R&D**

**Skytree is a global frontrunner in Direct Air Capture technology**

# The CO<sub>2</sub> Challenge in Modern Greenhouses

*Yield demands are rising — but CO<sub>2</sub> supply is under pressure*

## Current CO<sub>2</sub> Supply



CHP



Liquid CO<sub>2</sub> from industry  
via truck delivery

## The Growing Challenge of CO<sub>2</sub> Supply in Greenhouses

CHP/boiler systems are suboptimal - heat isn't needed when CO<sub>2</sub> is

Liquid CO<sub>2</sub> is unreliable and expensive

Carbon taxes are driving up fossil-based CO<sub>2</sub> costs

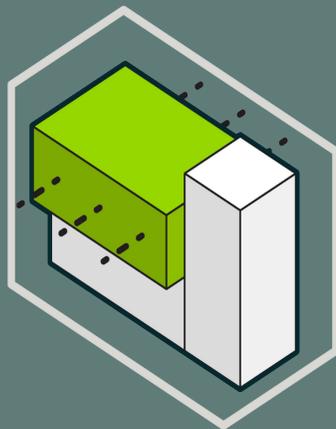
# The Skytree Solution – Stable CO<sub>2</sub> Supply Taken Onsite Directly from the Air

**Stability:** supply certainty and stable pricing

**Flexible:** connects to your local infrastructure

**Modular:** adapts to any scale

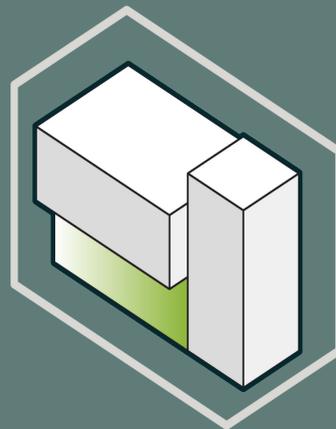
Skytree's DAC process



Adsorption



Desorption



Storage



# The Dutch market Leading the Way: A National Opportunity



**CO<sub>2</sub> Supply issues**



**Industry support**



**Pioneer program**



**Market Adoption**

**Serving greenhouses from the Netherlands to New Zealand**

# ENGINEERING THE CO<sub>2</sub> TRANSITION

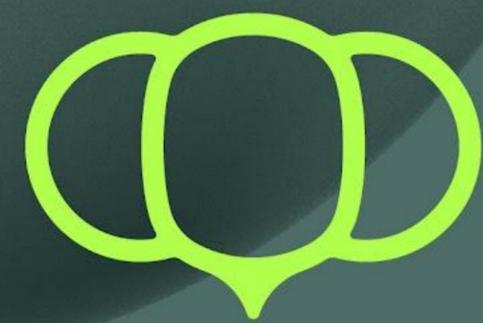
## Thank you!

**Camille Hanna, VP Carbon Solution Sales**

Want to learn more? Scan the QR code to download the presentation and receive Camille's contact details

**Visit Skytree at Booth 02.323, Hall 2**



The logo consists of three overlapping circles in a horizontal row. The leftmost circle is partially behind the middle one, and the middle one is partially behind the rightmost one. The circles are filled with a light green color and have a thin white outline. The rightmost circle has a small white teardrop shape at its bottom center.

skytree