

www.skytree.tech

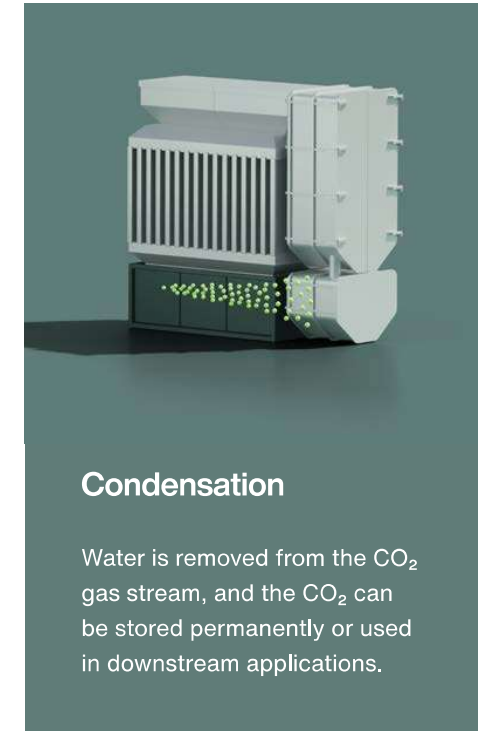
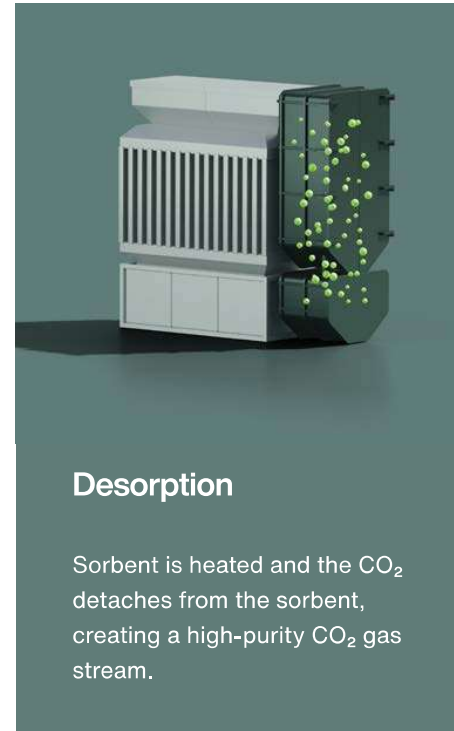
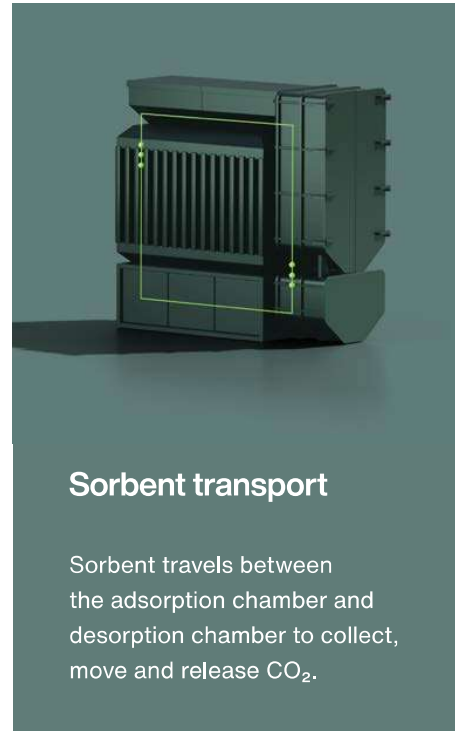
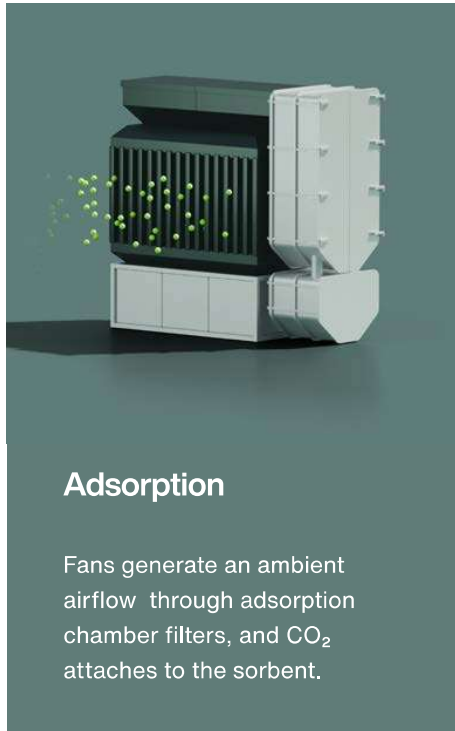
EFFICIENCY MEETS SCALE

Skytree Stratus



Skytree Stratus is designed for decentralized or industrial scale applications, and guarantees optimal energy efficiency.

How Skytree Stratus works



Powerful CO₂ capture, tailored to any carbon need

Optimize energy consumption

Our unique dual chamber design maintains a constant high temperature in the sorbent heating chamber, with the opportunity to utilize waste heat. This avoids thermal losses from cyclic heating and cooling, supported by the use of cooling water in the process.

Advance with every iteration

Our machines are field-upgradable, enabling the deployment of future system innovations directly onsite to lower operational costs.

Scale with precision

DAC machines can be deployed individually and scale over time. Modular design aligns with site capacity and supports phased growth, reducing risk and validating performance on site before expansion.

Operate with confidence

Our comprehensive and cost-effective service and maintenance package helps maximize system reliability while minimizing disruptions.



Add-on functionalities for site-specific flexibility

Liquefaction

Liquefy captured CO₂ for long-term storage or for a reliable, food-grade supply onsite for downstream processing.

Optional low-temperature heat integration

Operate Skytree Stratus using low-temperature heat and cooling sources - including geothermal, industrial, or waste heat - to reduce electricity use and improve process efficiency.

Climate packages

Ensure optimal system performance across all climate conditions, including temperate, arid, tropical and polar climates.



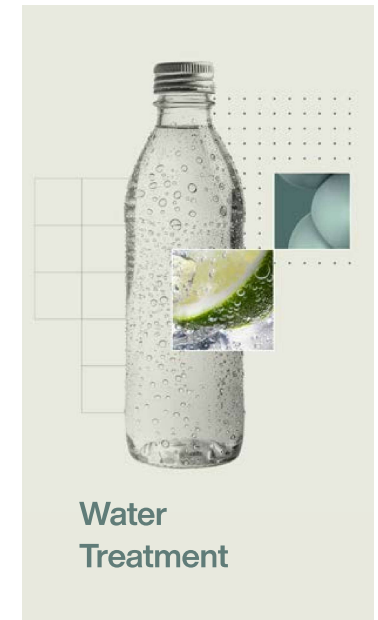
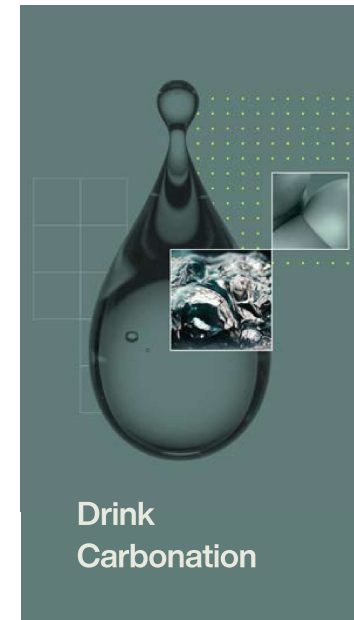
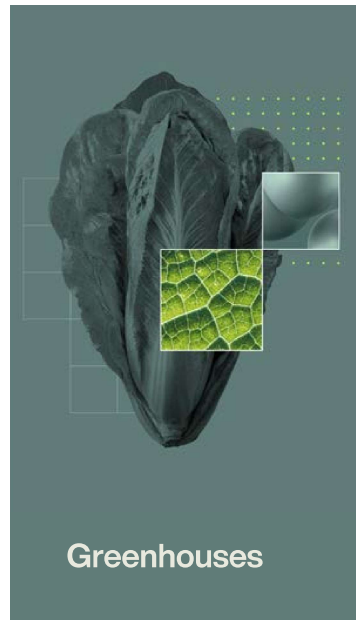
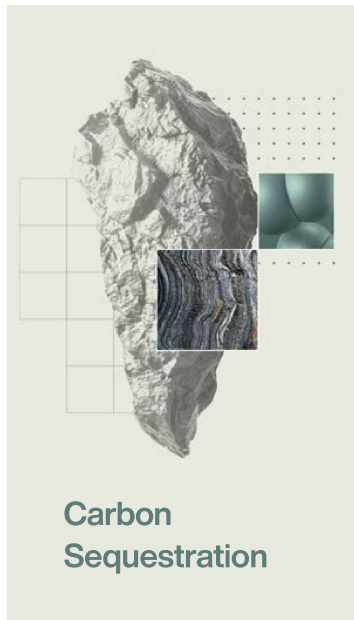
Adaptable by design

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skytree

Serving multiple industry applications

Skytree's DAC technology provides a clean, on-site source of CO₂ captured directly from ambient air. This enables companies to replace fossil-generated CO₂ and eliminate the need for transport. In addition to reuse across many industries, our technology allows for permanent carbon storage, helping remove CO₂ from the atmosphere. We work with a growing range of applications to replace fossil-based carbon in all its uses.



What sets our DAC technology apart

Ready to deploy, anywhere

Our machines are built for real-world versatility and adaptable local climates, site conditions and the availability of thermal energy. Whether it's a single unit or a full DAC Park, our modular machines are ready to deploy wherever CO₂ is needed.



Specialized technology provider

We focus on what we do best: developing and manufacturing cutting-edge DAC technology. Our machines are built for CO₂ end users who need an onsite supply, and for project developers scaling carbon removal and monetizing carbon credits.



Levelized cost of CO₂

Our DAC projects are bankable through our low cost of carbon capture and pilot-first approach. We factor in smart machine design, dynamic process control, thermal energy integration, ongoing sorbent improvements, online monitoring and field upgrades to deliver a lower cost per ton of captured CO₂.



Scalable innovation

Upgrades to installed machines—including future system updates and sorbent upgrades—can be applied onsite, helping companies stay ahead as our technology evolves.



Bankable carbon capture starts here.

From planning to deployment, our DAC machines are built for your success. Our team is ready to build a tailored plan for your specific site, with a clear breakdown of costs and project timelines.

Get in touch with us today to learn more:

www.skytree.tech/contact-us

ENGINEERING
THE CO₂
TRANSITION

