

Gigaton Spotlight: 1PointFive

How AT&T connectivity expertise enables emissions reduction and business value

About 1PointFive

1PointFive is a leading carbon capture, utilization and sequestration (CCUS) company that was launched to deliver solutions that address carbon dioxide (CO₂) emissions. The company's primary business focus is deploying commercial-scale Direct Air Capture (DAC) facilities that remove CO₂ directly from the atmosphere and sequestration hubs that securely store captured CO₂ deep underground.

Gigaton Pathway: Carbon Removals

- 1PointFive's DAC technology will use high-powered fans to draw ambient air into a processing facility where the CO₂ will be separated through a series of chemical reactions.



1PointFive is contributing to AT&T's Gigaton Goal

- STRATOS, 1PointFive's first DAC facility in west Texas, is designed to capture up to 500,000 metric tons of CO₂ annually when fully operational, which will make it the largest facility of its kind in the world.

Connectivity helps enable 1PointFive's success

- STRATOS will use AT&T Fiber to connect to the cloud, enabling near real-time collection of critical data.
- This data will be used to optimize mechanical performance and help reduce the costs of operations.
- Data will also be used for Measurement, Reporting and Verification (MRV) of captured CO₂, which is critical for providing transparency and accuracy for carbon removal credits.
- AT&T has purchased carbon removal credits from 1PointFive as it pursues its goal to be carbon neutral by 2035.
- The collaboration with 1PointFive demonstrates how AT&T empowers forward-thinking companies to scale sustainable solutions through reliable connectivity and expert support.