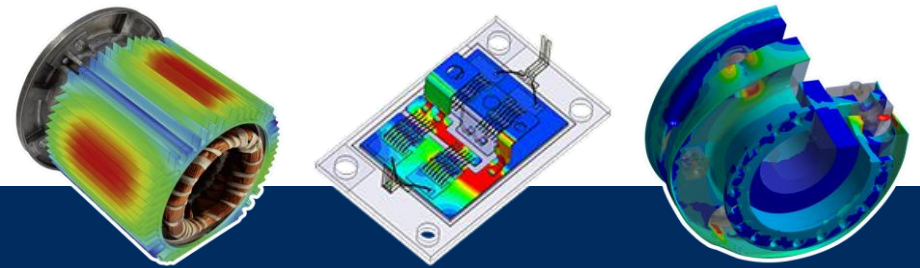


CADFEM[®]



Simulation ist mehr als Software[®]



Climeworks

ANSYS Startup Program



CLIMEWORKS
Capturing CO₂ from air

Climeworks: capturing CO₂ from air

About Climeworks

Climeworks captures CO₂ from air with the world's first commercial carbon removal technology. Our direct air capture plants remove CO₂ from the atmosphere to supply to customers and to unlock a negative emissions future: [short presentation](#) (1min 5s)



Challenges

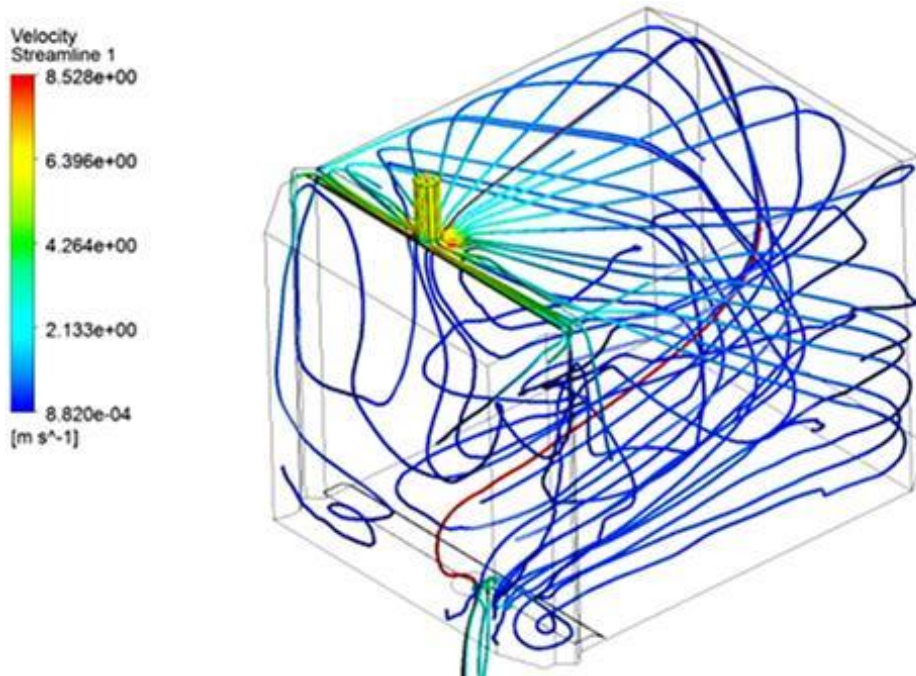
ANSYS Simulations tools are used to design next generation Direct Air Capture Plants. The main challenge is to reduce the cost of the technology to allow widespread application.

“WHAT IF?

We could stop climate change from reaching dangerous levels?

”

Simulation of the Flow during CO₂ desorption



“Simulations tools allow fast paced development cycles and reduced use of prototype testing.”



CLIMEWORKS

Capturing CO₂ from air