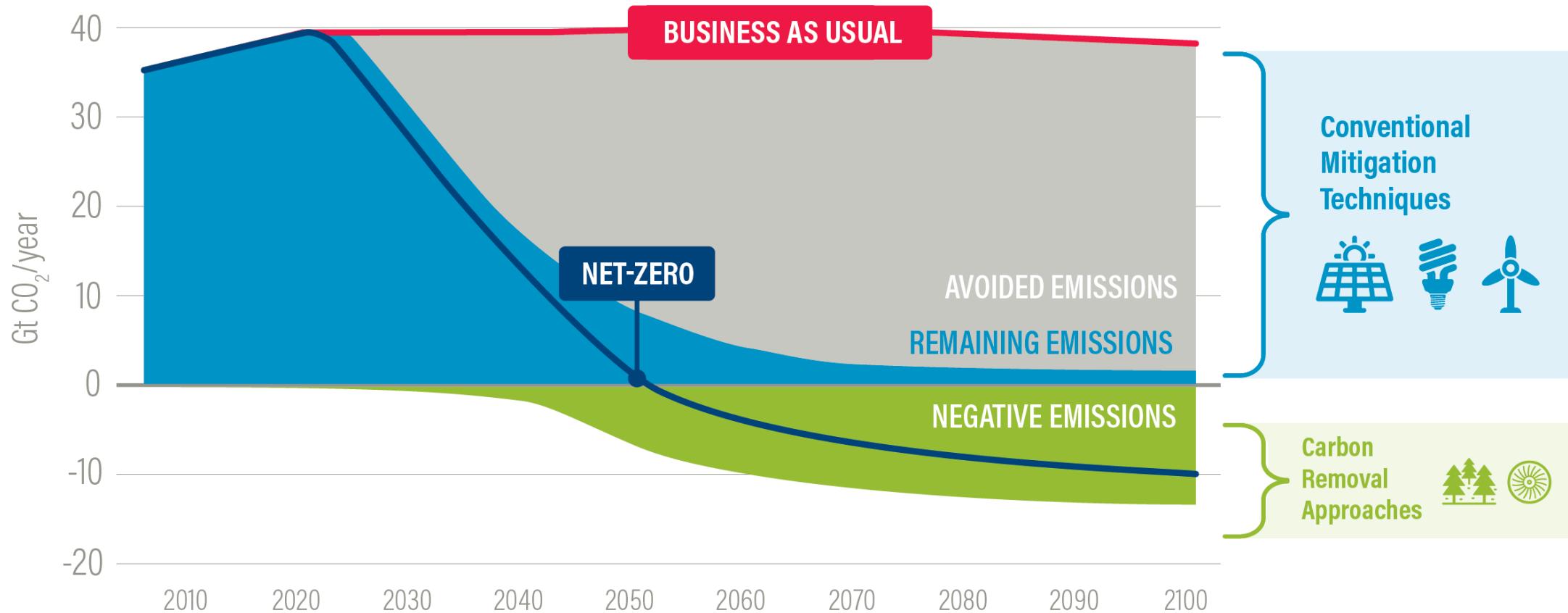


Affordable, Sustainable, Scalable
Direct Air Capture



Direct Air Capture Will Remove 8-10 Billion Tons of CO₂ Annually

A Trillion-Dollar Market Opportunity



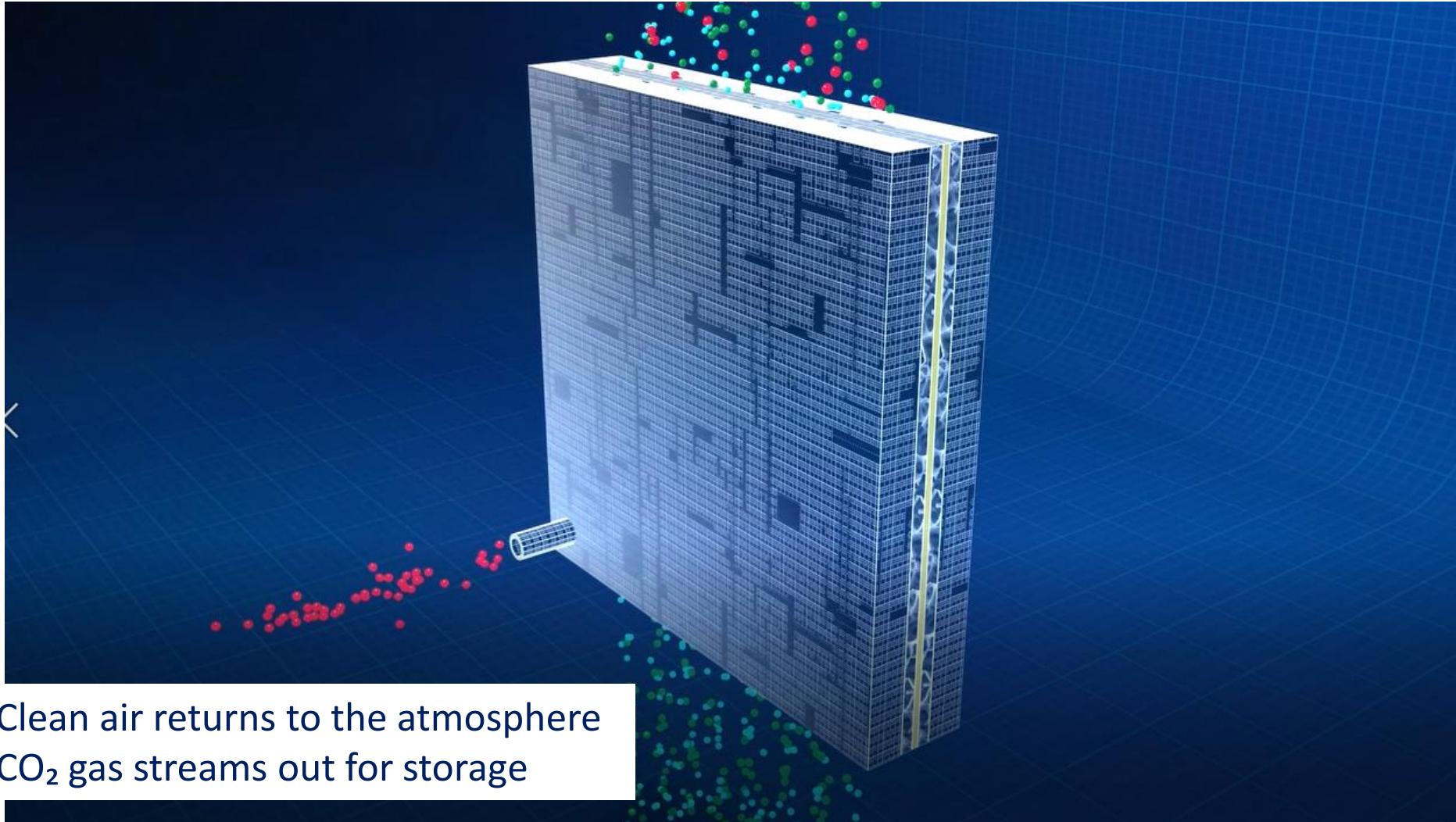
World resources inst.

The Problem

Industrial corporations face costly large-scale CO₂ emission offsets, while transitioning to net zero, as they utilize energy-intensive solutions

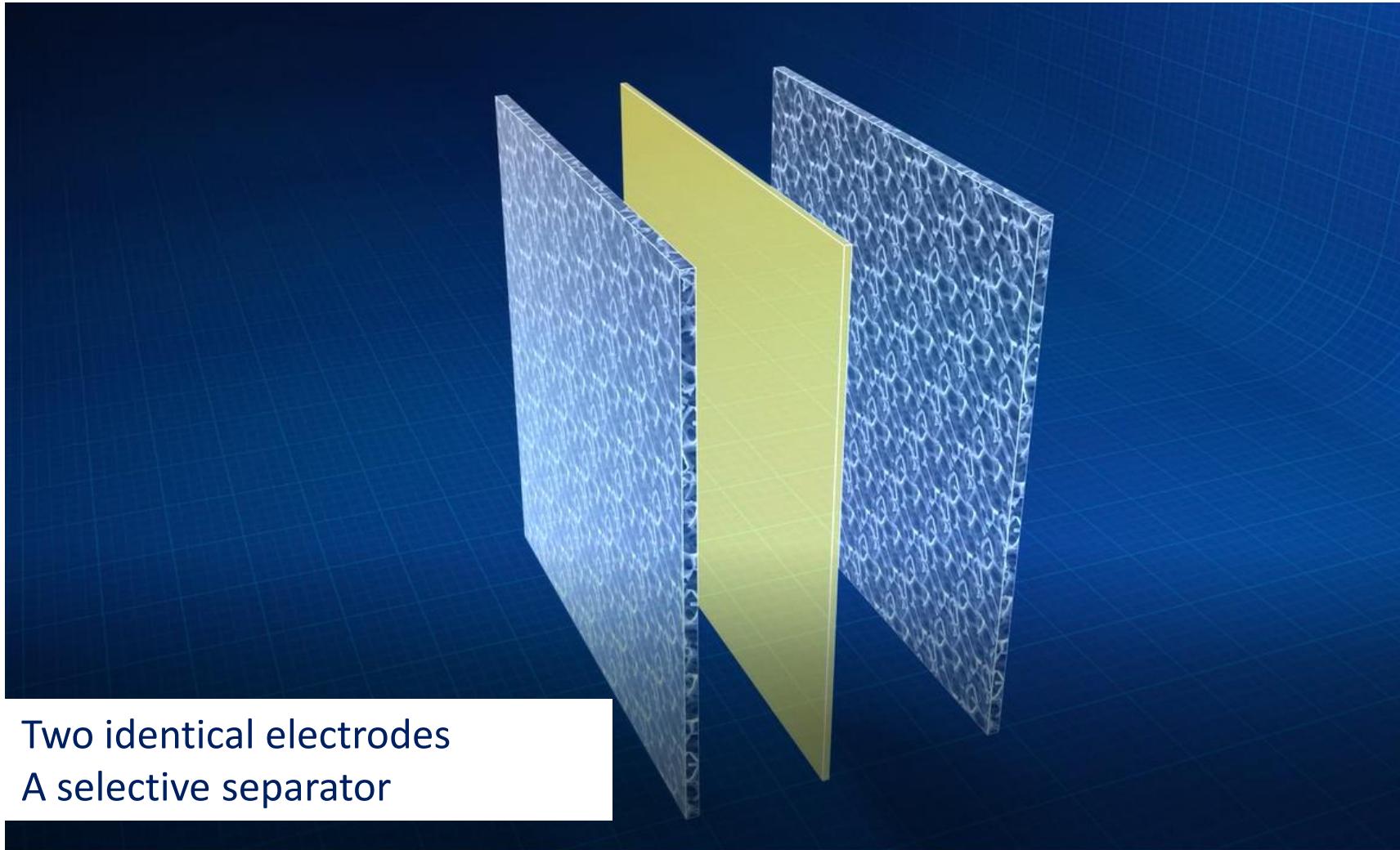


RepAir – 70% Energy Cost Saving with Our Electrochemical Cell



Clean air returns to the atmosphere
CO₂ gas streams out for storage

Novel Electrochemical Technology Inspired by Fuel Cells/Batteries

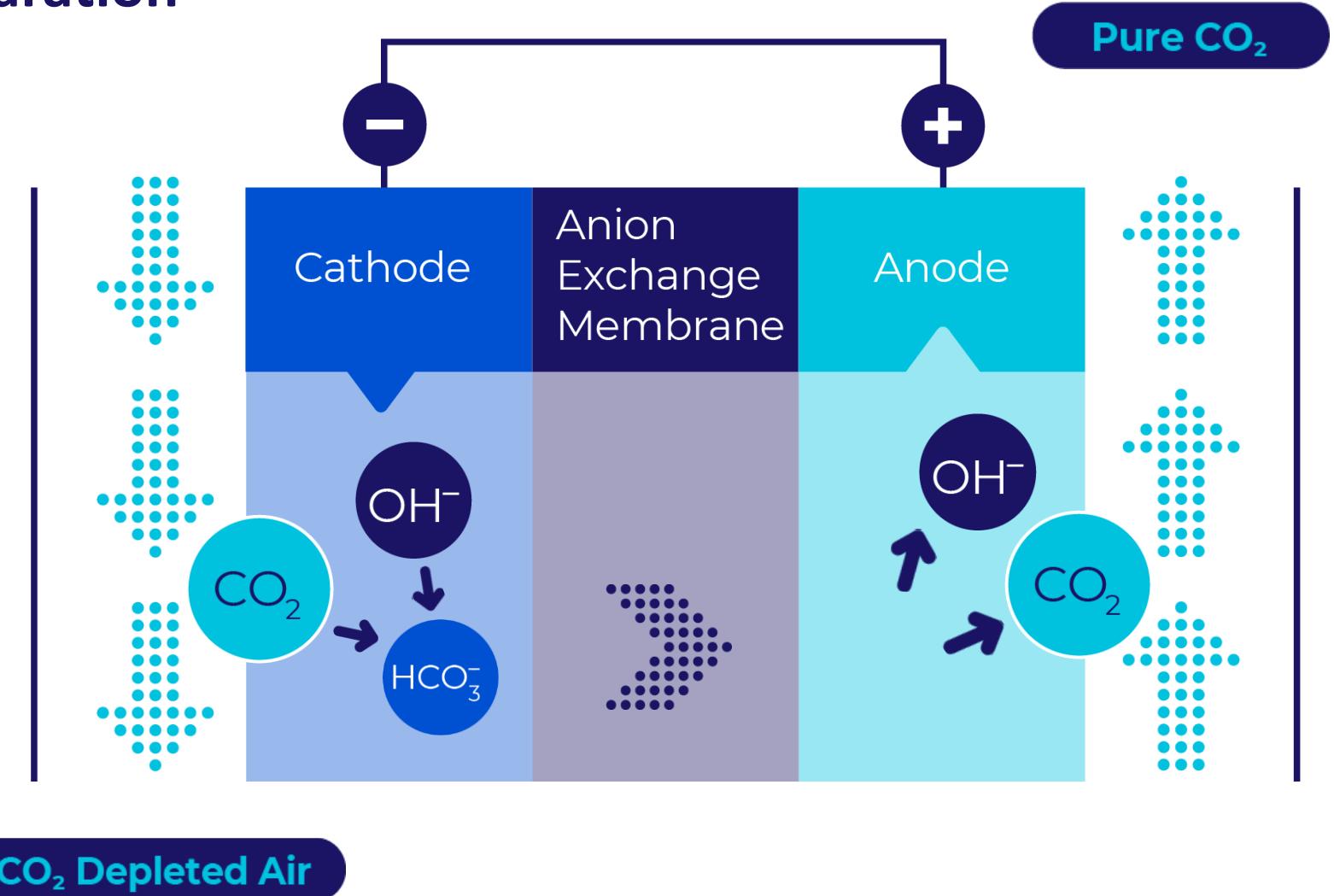


Two identical electrodes
A selective separator

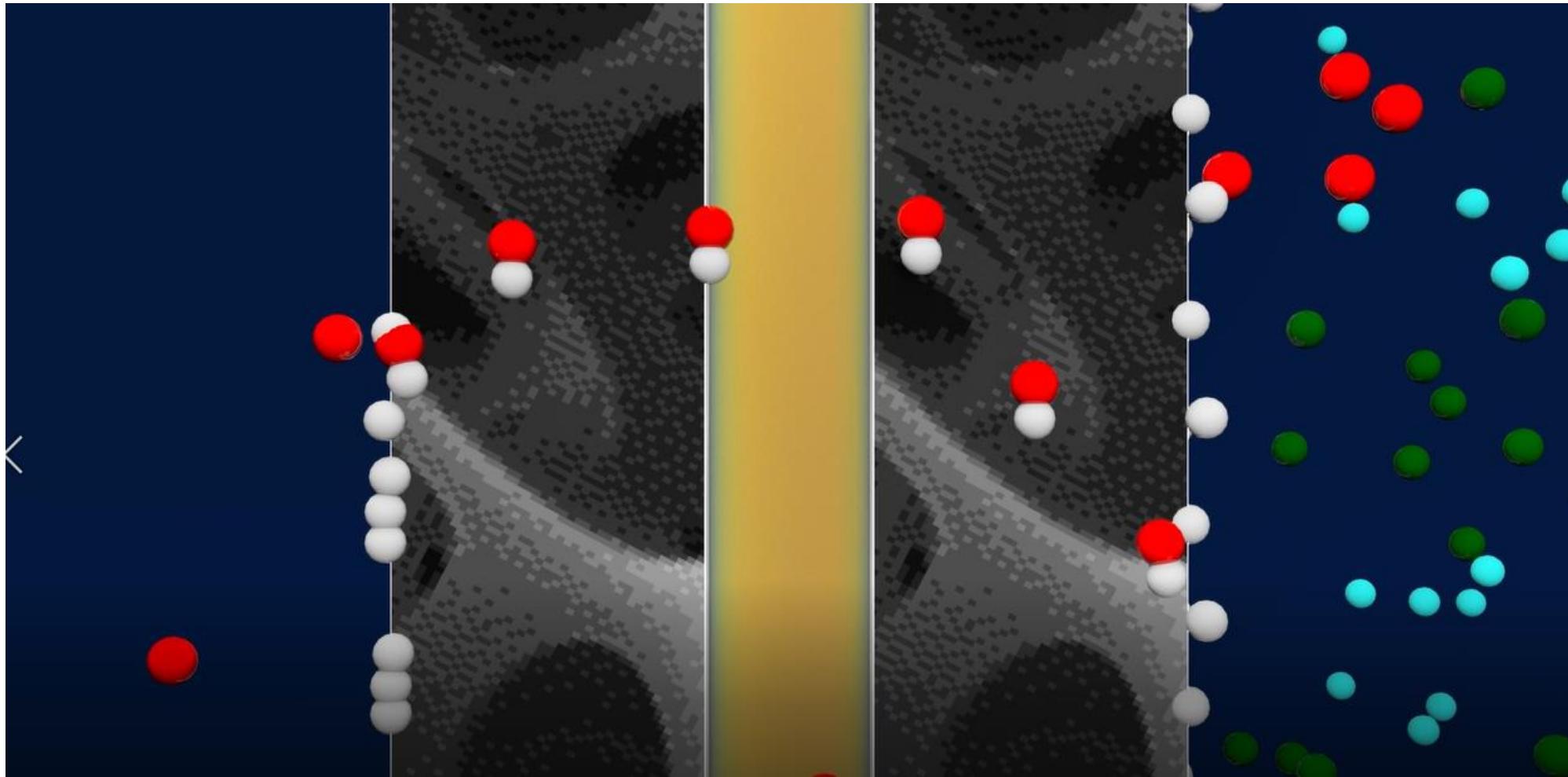
The RepAir Efficient & Scalable Direct Air Capture Solution

Novel Electrochemical Separation

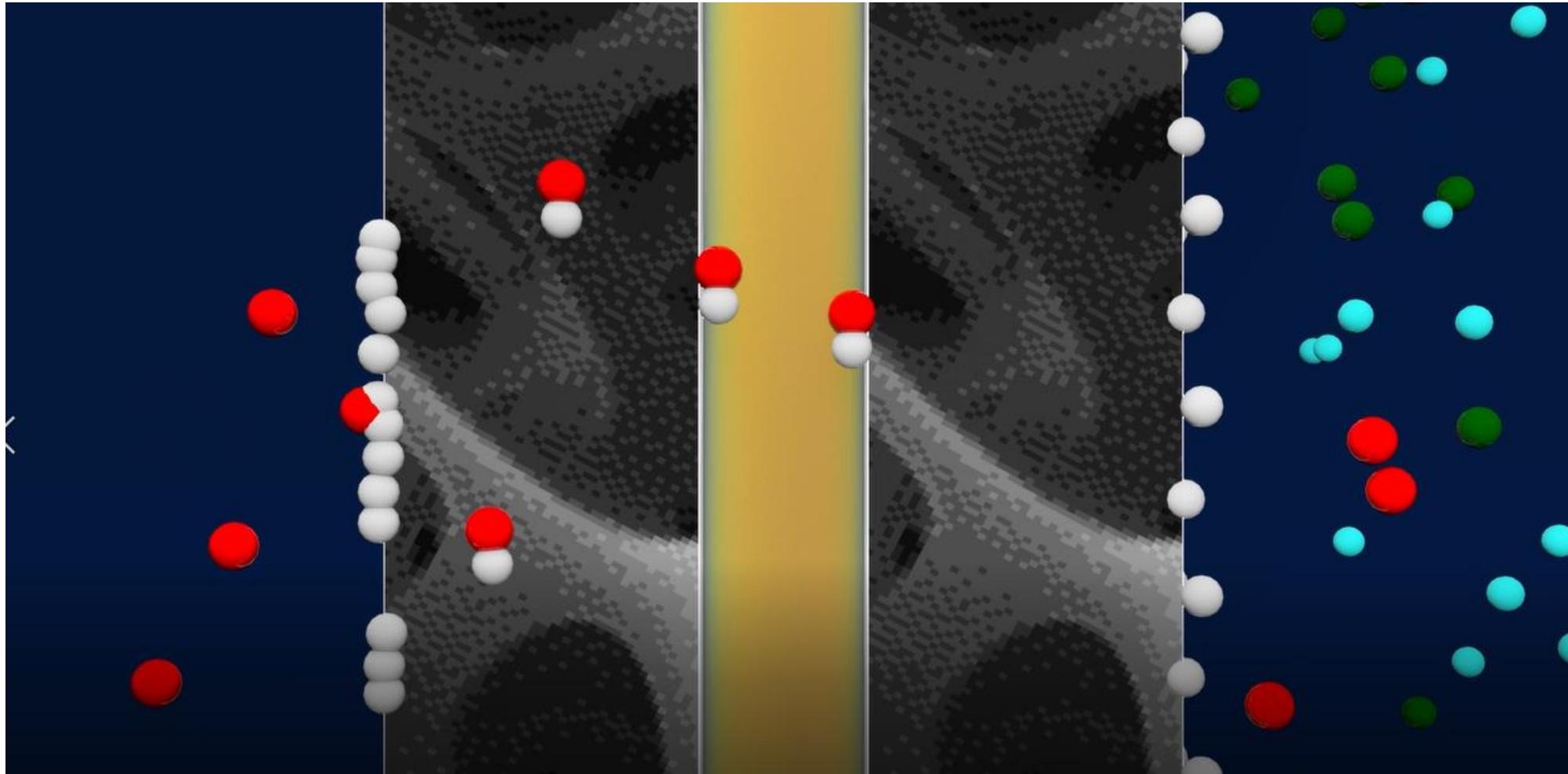
- Continuous, electricity driven
- Ambient temperature
- Modular and scalable



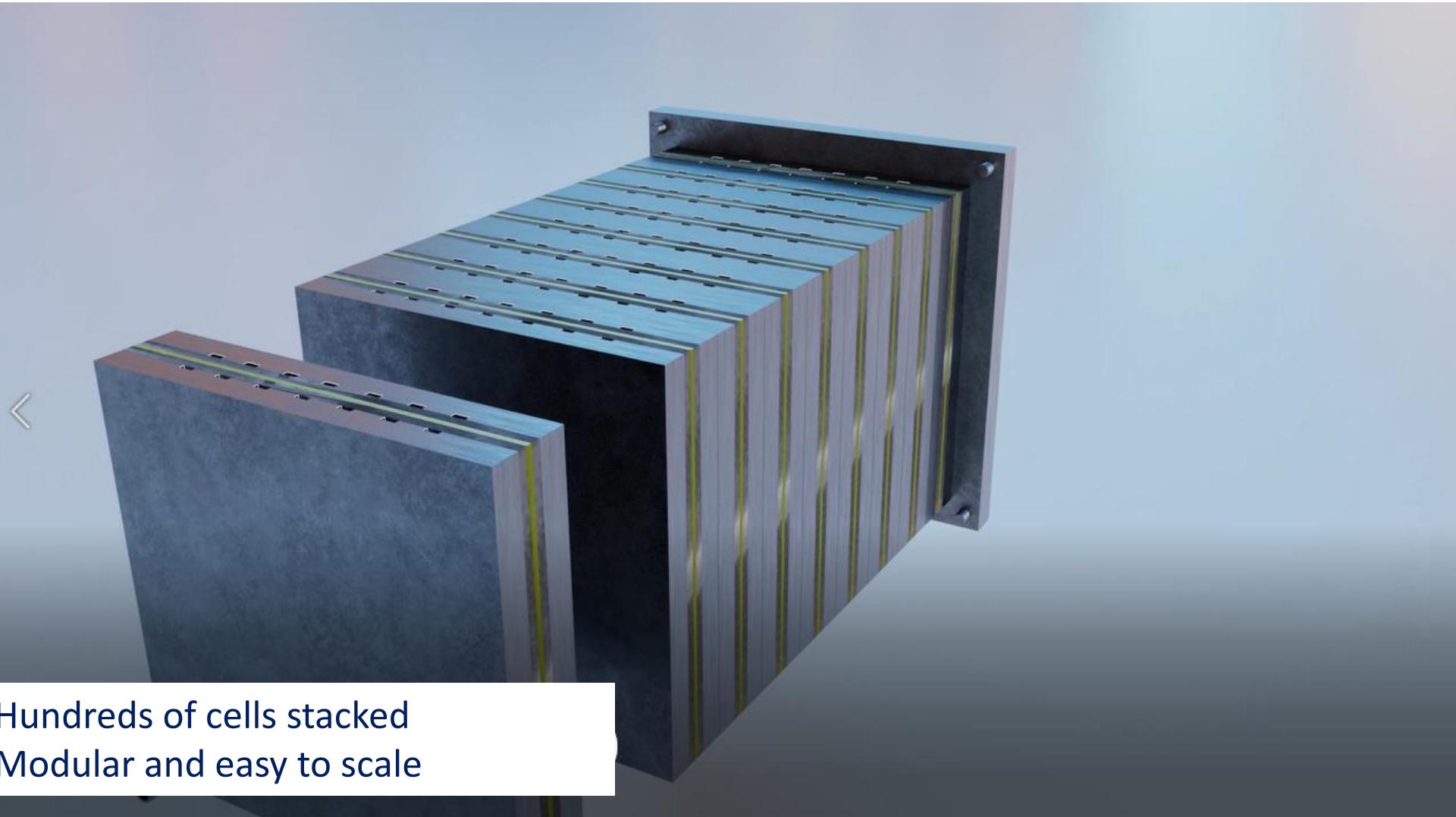
Selective Separation of CO₂ from the Air



Selective Separation of CO₂ from the Air

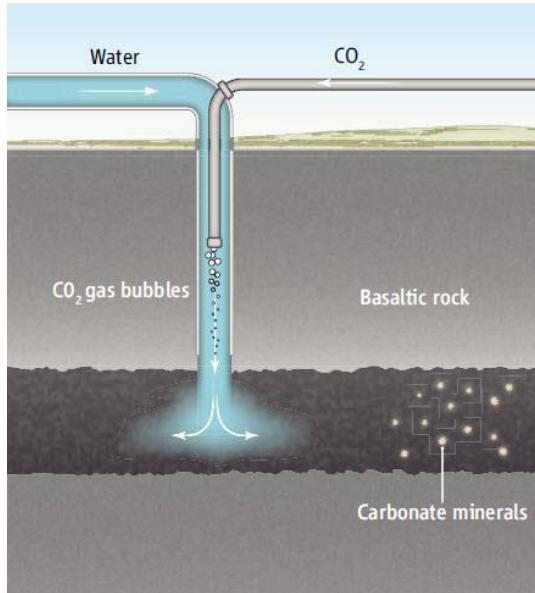


The System Comprises Multicell Stacks

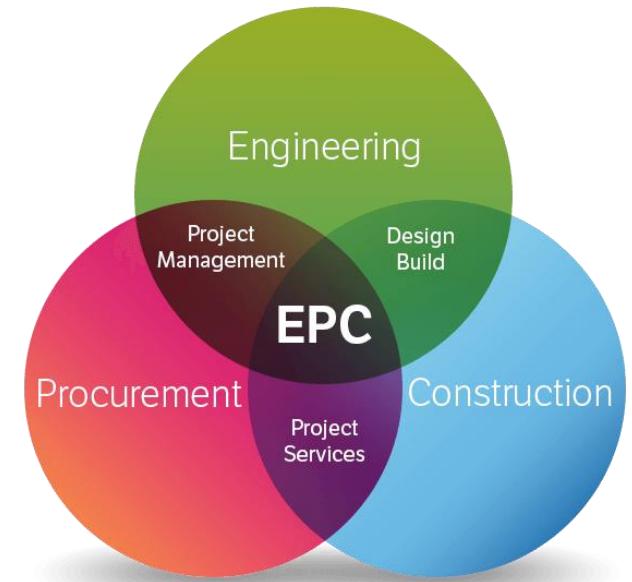


Business Model – Sell High-Quality Carbon Credits

Storage Partner



EPC Partner



- Form project entities based on collaborations/JVs
- Projects will sell high-quality, validated carbon credits to industrial corporations

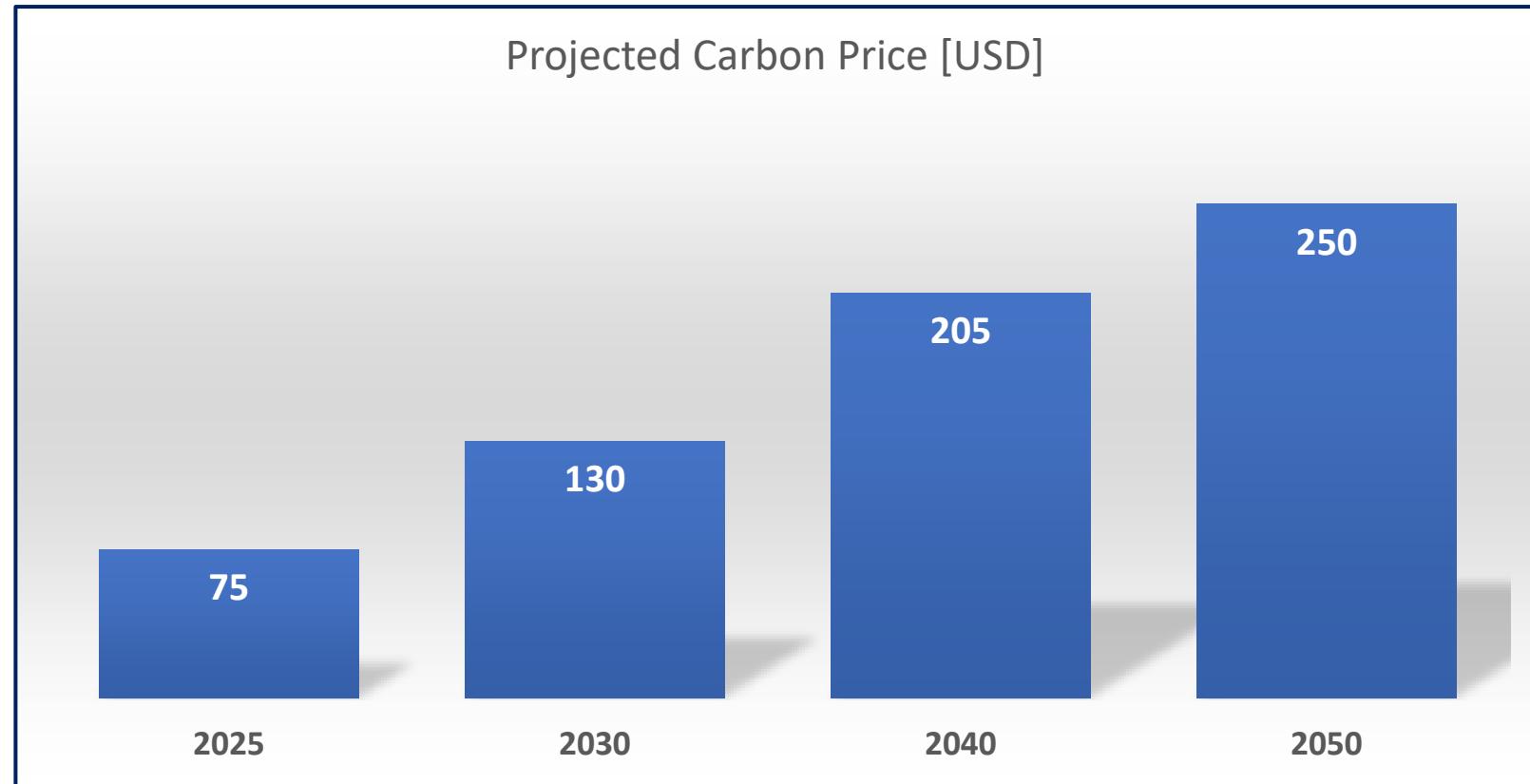
Value Proposition

RepAir's electrochemical DAC helps industrial corporations obtaining affordable carbon emission offsets, by reducing the DAC cost at scale below 70\$ per each ton of CO₂

DAC is a \$1.5 Trillion Global Market Opportunity in 2050

8-10 billion tCO₂/y
to be removed by DAC

X



Source IEA

Voluntary Carbon Market - \$5B Opportunity Now

- Global corporates target Net Negative by 2030-2035
- 5-10 million tons of CO₂ offset annually
- Premium price of \$500-\$1000/tCO₂

..♦ Frontier

An advance market commitment (AMC) of \$1B to accelerate carbon removal technologies by generating future demand



stripe

Alphabet

 **shopify**

 **Meta**

McKinsey & Company

RepAir Recently Signed its First Pre-Purchase Agreement



Frontier



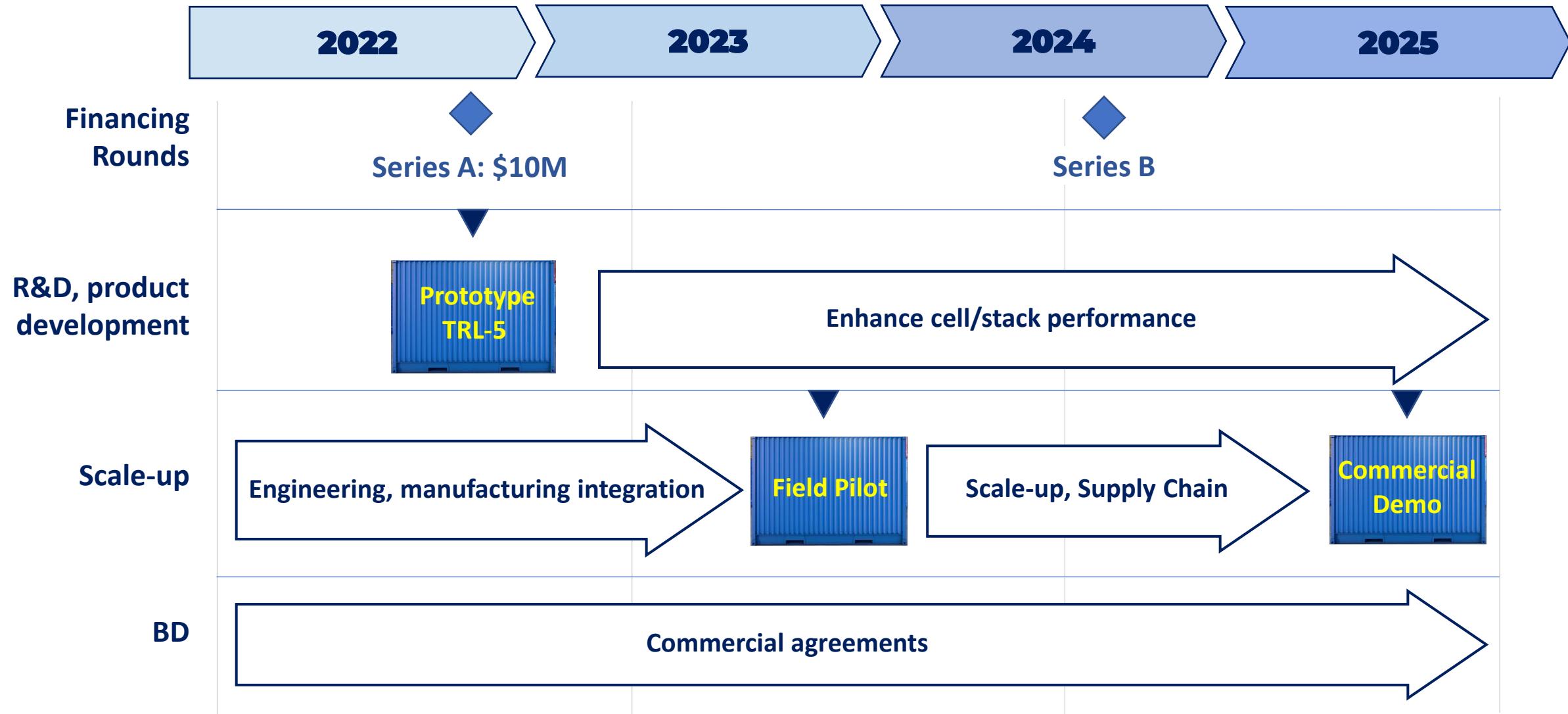
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Excellent Multidisciplinary Team



- Seasoned management
- PhDs – electrochemistry, academia & industry
- Chemical, materials & mechanical engineers

In Q4 2022, RepAir Closed a \$10M Series A to Accelerate R&D and Scaleup





Thank You

Amir@repair-carbon.com