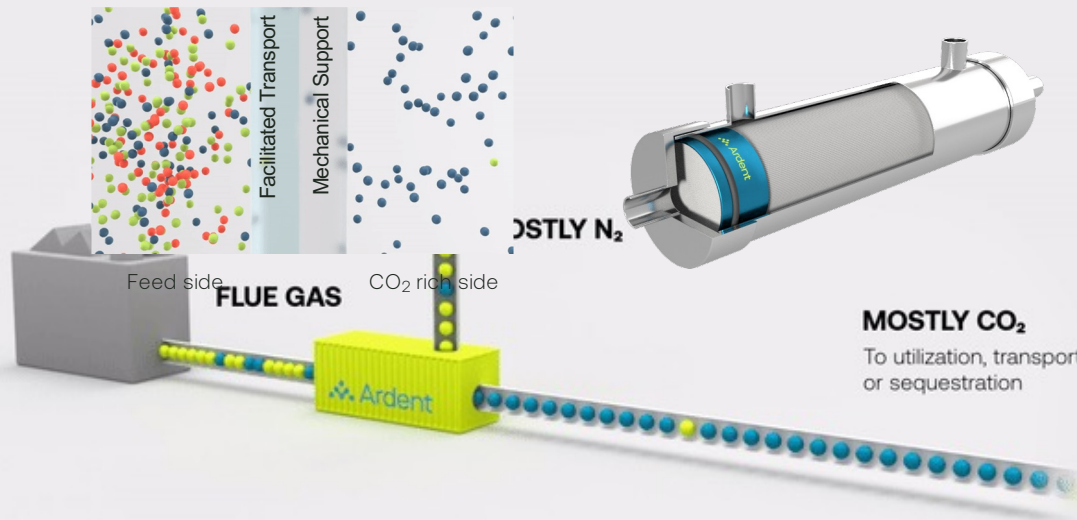




Towards a lower carbon, more equitable future

Ardent provides the best carbon capture solution

Patented Membrane Chemistry + Design



Modular Design

- ✦ Solvent-free & fully electrified
- ✦ Cost & power efficient
- ✦ Low footprint & low profile
- ✦ Modular & scalable
- ✦ Chemically resistant



Multiple pilots with leading industrial players

Optiperm™ Olefin

Chemicals /
Petrochemicals



IN OPERATION

May 2022



Optiperm™ Carbon

Cement / Kiln
Processes



RHI MAGNESITA

IN OPERATION

May 2024



Steel

voestalpine

IN OPERATION

May 2024



Chemicals /
Petrochemicals



IN OPERATION

April 2024 (OMV)

2025 (Braskem)

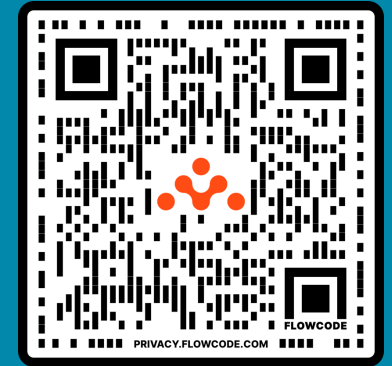




Thank you

nrenard@ardenttechnologies.com

ardenttechnologies.com



- **Customers**, let's chat about studies and/or a pilot to decarbonize your plant
- **Partners**, let's chat about how we can collaborate
- **Investors**, let's chat about our Series B