



HYCO1
CARBON NEGATIVE
PLANET POSITIVE

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FACT SHEET

We Convert CO2 Waste Into High-Value Products





ABOUT HYCO1

HYCO1 is the only carbontech company that cost-effectively captures industrial-scale CO₂ emissions from the source and turns them into high-value, sustainable products. Pioneering a new era for planet positive solutions through carbon negative innovation, HYCO1 brings immediate, actionable CO₂ conversion and utilization solutions to high CO₂ emitting industrial companies. By decarbonizing one industrial plant at a time, HYCO1 plans to reduce, reuse, and recycle carbon emissions in a way that reverses the effects of climate change.

Breakthrough Technology

Using a breakthrough catalyst, **HYCO1 turns CO₂ waste into high-value products**. The catalyst is non-coking, converts 95+ percent of CO₂ per pass, and has a lower energy of activation. Using this technology, companies can convert millions of tons of CO₂ per year into building block chemical gases that can be directly reused in industrial processes or alternatively used to produce a wide range of low CI score products that the world requires. From food grade waxes and high-performance motor oils, to paints, dyes, fertilizers, fuels and specialty chemicals, HYCO1 can create carbon-negative or carbon-neutral products at the same or higher quality than products made from petrochemicals - and at a much lower cost.

HYCO1 vs. Emerging Technology Competitors

- HYCO1 is less than one-fourth the cost of competitive electrolytic or biological CO₂ conversion technologies.
- HYCO1 brings immediate, actionable CO₂ conversion technology AND utilization solutions to high CO₂-emitting industrial companies.
- HYCO1 can produce the lowest-cost, lowest-carbon score pure H₂ using CO₂ as a feedstock.
- HYCO1 can scale today with plants that operate at more than 10 times the scale of its competitors.
- HYCO1 has more real commercial projects by count and by tons per year of CO₂ in its project pipeline than any of its competitors.



Experienced Leadership Team

Each member HYCO1's leadership team has 20 to 30+ years' experience in catalyst development, gas process technology, commercialization, large project development, ethanol technology deployment, project financing and execution.

Greg Carr, CEO & Co-Founder

- 35 years of H₂, syngas, chemical process, catalytic, environmental technology, industrial gases and business development experience
- 25+ years of successful tech-company start-up work, multiple patents in H₂ and related process technologies

Jeff Brimhall, CFO & Co-Founder

- 35+ years of funding experience and hands-on company building
- Developed relationships with hundreds of funding sources, manufacturers, technology companies, and project developers

Kurt Dieker, CDO & Co-Founder

- 20 years of experience with an extensive background in industrial construction, technology development with multiple patents
- Sector expertise in petrochemicals, biofuels, biological processes, water treatment, gasification, and feed development

Doug Cathro, SVP Project Development & Management

- 35 years of H₂, syngas, CO₂, GTL, and methanol project development, management, and finance
- Broad experience in energy, chemicals, refining and gas processing industries

David De Villiers, Catalyst Expert

- Catalyst development expert and globally-recognized leader in H₂, CO, Syngas and the Fischer-Tropsch (F-T) gas-to-liquids technology
- Holds patents in multiple areas of catalyst technology and has several peer-reviewed papers and book chapters on GTL