



Cold Jet®

the force of nature



Innovative technologies that put recycled CO₂ to work –
for a cleaner, healthier planet.

CO₂ Capture & Liquefaction



Dry Ice Manufacturing



CO₂ Recovery



Dry Ice Blasting





CO₂ CAPTURE

FOR BIOGAS - RNG



ELIMINATE METHANE SLIP CREATE NEW REVENUE STREAMS

Improved CI Score & Plant efficiency – 

Any remaining methane is recovered from the CO₂ stream and no longer being vented.

New Revenue Streams - 

The CO₂ stream is captured, purified and liquefied delivering food grade product.

Building a resilient business for the future 

Demand for CO₂ is growing – 7.2% CAGR (2025-2035).

New world CO₂ applications like CCS/e-fuels/chemicals is expected to generate significant volume demand toward 2050 Net Zero.





CB 12

Up to 2619 lbs / hr (1188 kg / hr)

28 tons CO₂ / 24 hr



180 kWh per ton saved

Up to 600 Nm³ / hr
CO₂ raw gas feed



***System platform can be configured from
1000 kg / hr up to 4500 kg / hr**

2204 up to 9920 lbs / hr

upon request!

500 Nm³ / hr
CO₂ raw gas feed

2250 Nm³ / hr
CO₂ raw gas feed

CB CARBON CAPTURE SYSTEM

SUSTAINABLE REFRIGERANT.*CO₂ (R744).

LOW ENERGY CONSUMPTION.

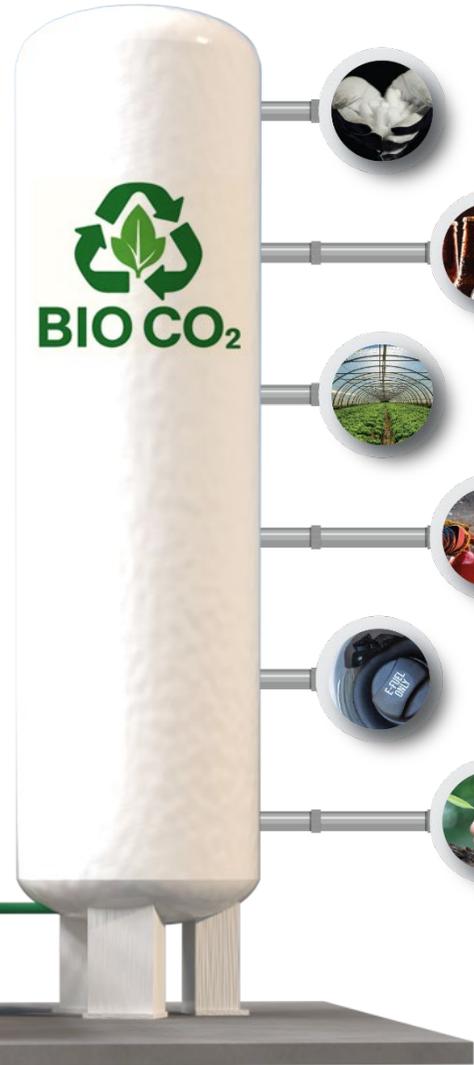
FULLY AUTONOMOUS.

CONTAINERIZED.

*NO EXTRA BUILDING INFRASTRUCTURE REQUIRED.



BIO LCO₂ APPLICATIONS



Dry Ice Manufacturing
(Blasting and Cooling Applications)



**Beverage/
Food Processing**



Agriculture (Greenhouses,
Horticulture, Vegetable Crops)



Fire Suppression



**eFuels – eMethanol, eMethane,
Sustainable Aviation Fuels (SAFs)**



**Decarbonization CCS/
Carbon Zink**
(Mineralization)

GLOBAL CARBON DIOXIDE MARKET, BY REGION, 2019 TO 2030 (USD MILLION)

(USD Million)

| | 2019 | 2020 | 2021 | 2022 | 2030 |
|----------------------|---------|---------|---------|---------|---------|
| North America | 2,083.5 | 2,050.3 | 2,068.7 | 2,121.1 | 3,030.8 |
| Europe | 1,474.6 | 1,462.6 | 1,487.4 | 1,537.1 | 2,339.8 |
| Asia-Pacific | 3,226.4 | 3,204.3 | 3,262.7 | 3,376.1 | 5,188.8 |
| Latin America | 307.2 | 298.3 | 296.8 | 300.1 | 378.7 |
| Middle East & Africa | 568.4 | 552.7 | 550.9 | 557.8 | 714.3 |

Market Research Future. (2023). Global Carbon Dioxide Market Research Report: Forecast to 2030. Market Research Future.

THE MARKET IS WAITING FOR YOU



✓ Food-Grade



Learn more at coldjet.com