



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.

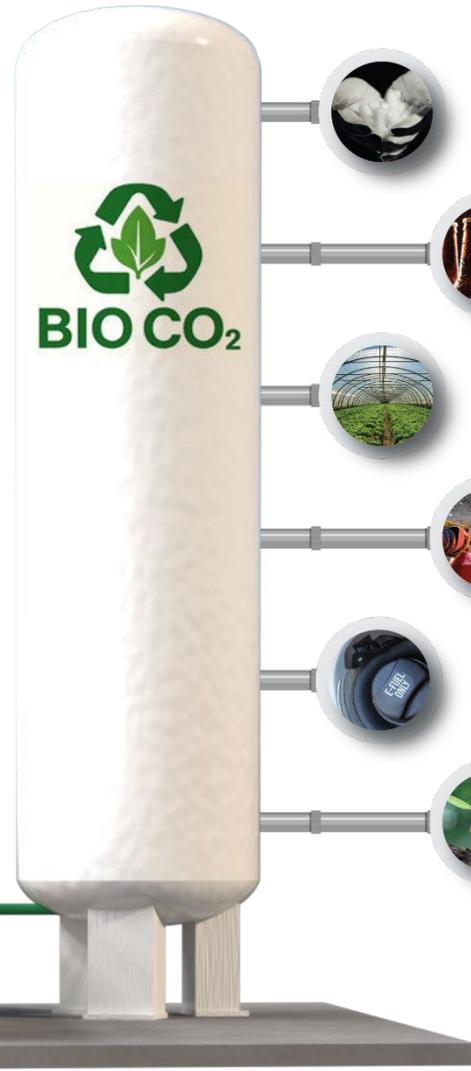
FULLY AUTONOMOUS.

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)

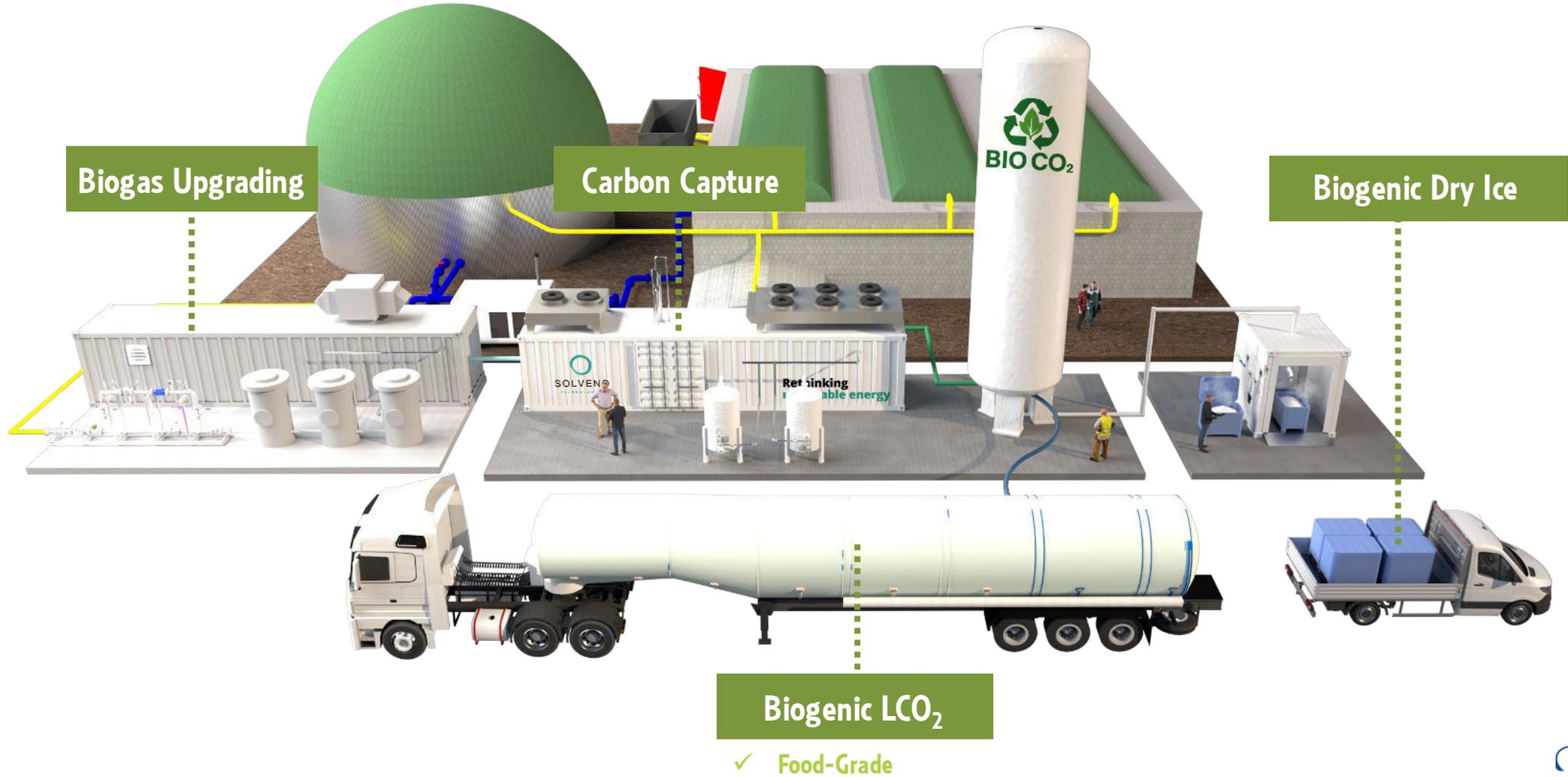
GLOBAL CARBON DIOXIDE MARKET, BY REGION, 2019 TO 2030 (USD MILLION)

(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





Learn more at coldjet.com