

PlanetWEST Unveils MIDAC G2: The “Second Act” for Carbon Capture as AI Dominates Global Energy Grid

Tuesday 24 February, 2026

LOS ANGELES, CA — As Artificial Intelligence rapidly scales, its insatiable demand for electricity is claiming nearly all forecasted renewable energy capacity, leaving traditional Direct Air Capture (DAC) projects in a precarious position. Today, PlanetWEST announces a strategic pivot for the industry with the launch of MIDAC G2(Mobile Intelligent Direct Air Capture), a next-generation technology designed to thrive in an energy-constrained world.

The Energy Crisis: AI vs. Traditional DAC

The meteoric rise of global data farms has created a "bullet to the heart" for first-generation carbon capture. Traditional DAC is notoriously energy-intensive; without access to massive amounts of dedicated clean energy, these projects fail to achieve true net-negative emissions. With AI now positioned as the world's primary "renewable energy hog," the project-related hurdles for traditional DAC have become virtually insurmountable.

A Smarter Target: Black Carbon and PM 2.5

While the industry has been fixated on atmospheric CO2, PlanetWEST is shifting the focus to Black Carbon (BC) and PM 2.5—the second-largest contributors to global warming.

Unlike CO2, which is diluted uniformly across the globe, Black Carbon is concentrated in high-density "hotspots" within mega-cities—areas responsible for over half of all global emissions. PlanetWEST's MIDAC G2 technology uses intelligent, mobile units to locate and neutralize these emissions.

Efficiency Without the Infrastructure

MIDAC G2 represents a radical departure from the resource-heavy models of the past. Key advantages include:

- **Low Energy Requirements:** Designed to operate efficiently without competing with AI for the renewable grid.
- **Zero Water Consumption:** Eliminates the massive water footprint associated with legacy DAC.
- **No Pipelines Required:** Bypasses the need for the estimated 60,000 miles of energy-intensive pipeline fabrication and installation.
- **Minimal Waste Stream:** A streamlined process that avoids the heavy chemical and other byproducts of traditional methods.

Authentic Impact, Not Greenwashing

PlanetWEST is committed to true environmental restoration. Because MIDAC G2 captures solid carbon—which is unusable for oil company Enhanced Oil Recovery (EOR) efforts—the technology serves as a pure climate solution rather than a tool for fossil fuel expansion.

"The energy landscape has changed overnight," says the PlanetWEST leadership team. "We can't wait for a surplus of renewable energy that may never come. MIDAC G2 is the 'Second Act' of carbon capture—mobile, intelligent, and ready to clean our cities without demanding a dedicated clean energy power plant to do it."

About PlanetWEST PlanetWEST is a climate technology leader specializing in mobile, high-efficiency carbon recovery. By targeting solid-phase emissions in urban environments, PlanetWEST provides scalable solutions for the most pressing air quality and warming challenges of the 21st century.

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Company Contact:

[planetwest](#)

T. 310-924-2418

E. ccatlin@planetwest.net

W. www.planetwest.net

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