

PlanetWEST Unveils MiDAC G2H air capture system: A Global Response to the Unprecedented Decline in Human Life Expectancy



Los Angeles, California Apr 2, 2026 ([Issuewire.com](https://www.issuewire.com)) - After a century of consistent growth, global life expectancy has hit a sudden and sobering plateau. Dropping from an average of 78.8 to 76.4 years in recent years, this decline has been fueled by a "polycrisis" of pandemics, chronic disease, and environmental degradation.

Today, PlanetWEST introduces the MiDAC G2H, a second-generation high-efficiency atmospheric defense technology designed to combat the increasingly complex "cocktail" of airborne threats that now

define our era.

MIDAC G2H (Mobile Intelligent Direct Air Capture) is designed to integrate with existing vehicle radiator systems, letting vehicle fleets pull in ambient air as they move through daily routes. Instead of focusing only on gaseous emissions, PlanetWest highlights capture of solid carbon-based particulate matter, especially black carbon, which tends to spike in city hot spots. Captured particles are processed and stored for offloading, with disposal or recycling handled after collection.

Beyond Smog: The Invisible Weight of Modern Air

Modern airborne threats are no longer just about "smog." They represent a sophisticated mix of microscopic particles and biological pathogens that interact with human biology in ways we are only beginning to quantify. From the 142 million tonnes of man-made Chemical VOCs circulating annually to the 610 quadrillion particles of Airborne Microplastics drifting across our oceans, the physical mass of what we breathe is staggering.

"We are breathing the equivalent of 550 Eiffel Towers' worth of tire and brake dust every single year," said a spokesperson for PlanetWEST. "The MiDAC G2H is a public health intervention for a world where the air has become a delivery system for systemic illness."

Targeting the Five Pillars of Airborne Risk

The MiDAC G2H was engineered to address the specific tonnage and biological characteristics of the five primary airborne killers:

- Road Wear & Black Carbon: Mitigating the 6.1 million tons of tire rubber and 8 million tons of soot (Black Carbon) that drive heart disease and lung cancer.
- Microplastics: Capturing the sub-micron plastic fibers from textiles that lead to tissue scarring and chemical leaching.
- Volatile Organic Compounds (VOCs): Neutralizing the 142 million tonnes of industrial and household chemicals linked to neurological issues.
- Pathogen Defense: Providing a high-integrity barrier against the world's most elusive threats—airborne viruses like Influenza, Tuberculosis, and Coronavirus. While their physical mass is less than 10 kilograms globally, their biological impact is measured in millions of lives lost.

A New Standard for Global Health

As governments worldwide scramble to stabilize the health of their citizens, the MiDAC G2H offers a cost-effective, scalable solution for high-traffic public spaces, medical facilities, and shipping and industrial hubs. By addressing both the "heavyweights" (Road Wear) and the "invisible ghosts" (Viruses), PlanetWEST is setting a new benchmark for what it means to breathe clean air in 2026.

"Better public health is about to go global," the spokesperson added. "With MiDAC G2H, we are turning the tide on life expectancy by cleaning the one thing no human can live without."

About PlanetWEST. PlanetWEST is a leader in atmospheric science and public health technology. Focused on the intersection of environmental engineering and biological safety, PlanetWEST develops advanced filtration and air-capture solutions to protect populations from the evolving threats of the 21st century.

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