

Data Foundation Releases First-Ever Pulse Report on the State of America's Greenhouse Gas Data Infrastructure

Report includes summary of an inventory of 66 programs and 114 public and private data assets and activities that comprise the U.S. GHG MMRV enterprise

WASHINGTON, DC, UNITED STATES, August 31, 2026 /EINPresswire.com/ -- The boundaries of the nation's greenhouse gas (GHG) Measurement, Monitoring, Reporting, and Verification (MMRV) enterprise have never been well defined — including which activities make it up, how they depend on one another, and which people, programs, and organizations drive the work. The Data Foundation's [Center for Climate and Environmental Data \(CCED\)](#) today released the first [State of the GHG MMRV Enterprise](#) report.

As a pulse report, it is designed to capture a snapshot of the enterprise, track and document where changes occur, and build a shared understanding of who does what across the system. The report draws from a new GHG Enterprise Catalog that inventories the data assets, infrastructure, activities, initiatives, programs, and players that comprise the U.S. GHG MMRV enterprise and documents changes over time.

The Catalog currently tracks 114 data assets and activities operated by 66 programs, players, and groups spanning the federal government, universities, non-governmental organizations, the private sector, and state governments. It is maintained by CCED with input from its GHG Coalition, a nonpartisan technical network of more than 90 individuals with representation across more than 30 organizations.

The report finds that federal agencies, especially science and research programs, have historically operated and funded the core measurement, monitoring, modeling, and standards infrastructure on which the rest of the enterprise depends. These include the National Oceanic and Atmospheric Administration, National Aeronautics and Space Administration, the National Institute of Standards and Technology, the U.S. Environmental Protection Agency, the U.S. Department of Agriculture, the U.S. Department of the Interior, the U.S. Department of Energy, and the National Science Foundation. While the federal government continues to play a core role in the enterprise, the report finds that since January 2025, agencies central to the enterprise have experienced significant changes in program priorities, structure, and staffing. Several historically federally-run programs or activities have recently been discontinued or scaled back in a short time frame.

At the same time, the Catalog shows that non-federal actors are starting or expanding activities in areas where federal programs have contracted.

"Demand for credible GHG data is growing fast, but the enterprise that produces it is fragmented and has never been clearly defined, so it's hard to know how changes to any one piece ripple out to the decisionmakers who rely on it," said Sonia Wang, Senior Director of the Data Foundation's Center for Climate and Environmental Data. "The federal government has been the backbone of the GHG MMRV enterprise, providing foundational data as a public good. But as federal priorities shift, and non-federal actors play an increasingly important part in the enterprise, we need to define clear roles and responsibilities so that state, commercial, and philanthropic partners can work together strategically to strengthen the entire information ecosystem for everyone."

Future editions of the State of the GHG MMRV Enterprise and the underlying Catalog will move beyond landscape snapshots toward deeper analysis of specific topics, drawing on the GHG Coalition's expertise to help the field identify shared priorities and build roadmaps for advancing them.

[>>>DOWNLOAD THE FULL REPORT](#)

About the Center for Climate and Environmental Data

The Data Foundation's Center for Climate and Environmental Data (CCED) works to make sure Americans have access to trusted, reliable information about land, water, air, and natural resources, which underpin how we prioritize investments, manage risk, protect public health, and sustain the natural systems that economic activity depends on. Our deep bench of scientific, technical, and policy experts work with government agencies, private sector data providers, research institutions, and international organizations to improve the quality, accessibility, and usefulness of climate and environmental data.

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