

119TH CONGRESS
2D SESSION

H. R. 7416

To require a Federal science strategy for the monitoring and detection of methane, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 9, 2026

Mr. BEYER (for himself and Mr. HARRIGAN) introduced the following bill;
which was referred to the Committee on Science, Space, and Technology

A BILL

To require a Federal science strategy for the monitoring
and detection of methane, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Methane Monitoring
5 Science Act of 2026”.

6 **SEC. 2. METHANE MONITORING AND DETECTION STRAT-**
7 **EGY.**

8 (a) IN GENERAL.—Not later than 18 months after
9 the date of the enactment of this Act, the Administrator
10 of the National Aeronautics and Space Administration (in

1 this section referred to as the “Administrator”) shall carry
2 out the following:

3 (1) Develop, in consultation with the heads of
4 relevant Federal departments and agencies, a
5 consensus- and science-based strategy to assess and
6 evaluate the utilization of present and future meth-
7 ane monitoring and detection capabilities, including
8 ground-based, airborne, and space-based sensors,
9 source- and site-level technologies, and the integra-
10 tion of data relating to such monitoring and detec-
11 tion from other indicators, with a focus on the abil-
12 ity to detect methane emissions and large methane
13 emission events, to strengthen American energy se-
14 curity.

15 (2) Submit to Congress a report on such strat-
16 egy.

17 (b) GOAL.—The strategy under subsection (a) shall
18 be developed with the goal of enhancing the scientific and
19 operational value of the capabilities referred to in such
20 subsection, such that—

21 (1) the Administrator may use such strategy to
22 inform the planning of relevant research and devel-
23 opment activities;

24 (2) non-Federal entities, including State and
25 local governments, academia, nonprofit organiza-

1 tions, commercial industry such as the natural gas
2 and oil industry of the United States, and inter-
3 national organizations, may effectively leverage data
4 and information provided or enabled by such capa-
5 bilities; and

6 (3) such data may be quickly operationalized to
7 support the rapid mitigation of methane leaks.

8 (c) ENFORCEMENT AUTHORITY.—Nothing in this
9 section may be construed as conferring enforcement au-
10 thority to the Administrator, or the head of any other Fed-
11 eral department or agency, with regard to methane emis-
12 sions, that was not in effect on the date before the date
13 of the enactment of this Act.

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