

(i) consult any guidance provided by the Director of the Office of Science and Technology Policy, including the Federal Crowdsourcing and Citizen Science Toolkit;

(ii) designate a coordinator for that Federal science agency's crowdsourcing and citizen science projects; and

(iii) share best practices with other Federal agencies, including participation of staff in the Federal Community of Practice for Crowdsourcing and Citizen Science.

(e) Report

(1) In general

Not later than 2 years after January 6, 2017, the Director of the Office of Science and Technology Policy shall include, as a component of an annual¹ report required under section 3719(p) of this title, a report on the projects and activities carried out under this section.

(2) Information included

The report required under paragraph (1) shall include—

(A) a summary of each crowdsourcing and citizen science project conducted by a Federal science agency during the most recently completed 2 fiscal years, including a description of the proposed goals of each crowdsourcing and citizen science project;

(B) an analysis of why the utilization of a crowdsourcing or citizen science project summarized in subparagraph (A) was the preferable method of achieving the goals described in subparagraph (A) as opposed to other authorities available to the Federal science agency, such as contracts, grants, cooperative agreements, and prize competitions;

(C) the participation rates, submission levels, number of consents, and any other statistic that might be considered relevant in each crowdsourcing and citizen science project;

(D) a detailed description of—

(i) the resources, including personnel and funding, that were used in the execution of each crowdsourcing and citizen science project;

(ii) the project activities for which such resources were used; and

(iii) how the obligations and expenditures relating to the project's execution were allocated among the accounts of the Federal science agency, including a description of the amount and source of all funds, private, public, and in-kind, contributed to each crowdsourcing and citizen science project;

(E) a summary of the use of crowdsourcing and citizen science by all Federal science agencies, including interagency and multi-sector partnerships;

(F) a description of how each crowdsourcing and citizen science project advanced the mission of each participating Federal science agency;

(G) an identification of each crowdsourcing or citizen science project where data collected through such project was not made available to the public, including the reasons for such action; and

(H) any other information that the Director of the Office of Science and Technology Policy considers relevant.

(f) Savings provision

Nothing in this section may be construed—

(1) to affect the authority to conduct crowdsourcing and citizen science authorized by any other provision of law; or

(2) to displace Federal Government resources allocated to the Federal science agencies that use crowdsourcing or citizen science authorized under this section to carry out a project.

(Pub. L. 114-329, title IV, §402, Jan. 6, 2017, 130 Stat. 3019.)

REFERENCES IN TEXT

The America COMPETES Reauthorization Act of 2010, referred to in subsec. (b)(1), is Pub. L. 111-358, Jan. 4, 2011, 124 Stat. 3982, also known as the America Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science Reauthorization Act of 2010. For complete classification of this Act to the Code, see Short Title of 2011 Amendment note set out under section 1861 of Title 42, The Public Health and Welfare, and Tables.

CODIFICATION

Section was enacted as part of the American Innovation and Competitiveness Act, and not as part of the Stevenson-Wylder Technology Innovation Act of 1980 which comprises this chapter.

DEFINITIONS

For definitions of terms used in this section, see section 2 of Pub. L. 114-329, set out as a note under section 1862s of Title 42, The Public Health and Welfare.

CHAPTER 64—METHANE TRANSPORTATION RESEARCH, DEVELOPMENT, AND DEMONSTRATION

Sec.	
3801.	Congressional statement of findings and declaration of policy.
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3803.	Duties of Secretary of Energy.
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§ 3801. Congressional statement of findings and declaration of policy

(a) The Congress finds and declares that—

(1) gasoline and diesel fuel for vehicular use are in short supply and constitute a sizable portion of domestic petroleum consumption;

(2) methane use in fleet-operated vehicles would result in substantial reduction in oil imports;

(3) methane is in more abundant domestic supply than petroleum products, is the primary component of natural gas and can be de-

¹ So in original. As amended by Pub. L. 114-329, section 3719(p) of this title requires biennial reports.

rived in increased quantities from coal, biomass, waste products, and other renewable resources;

(4) recoverable methane presently available in the United States is not fully utilized;

(5) test results to date indicate that methane use as a substitute for gasoline as a motor fuel can result in emission reductions;

(6) experience to date has shown methane to be a safe motor fuel in properly modified vehicles and is therefore particularly suitable as fuel for fleet vehicles; and

(7) the introduction into commerce of methane-fueled vehicles would be expedited and facilitated by the establishment of a Federal program of research, development, and demonstration to explore and refine technologies related to methane use as a vehicular fuel.

(b) It is therefore declared to be the policy of the Congress in this chapter to—

(1) provide for and support advanced and accelerated research into, and development of, methane vehicle design, and related technologies;

(2) demonstrate the economic and technological practicalities of methane-fueled vehicles for fleet use and of methane-fueled farm equipment;

(3) facilitate, and remove barriers to, the use of methane-fueled vehicles in lieu of gasoline- or diesel-powered motor vehicles where practicable;

(4) promote the substitution of methane-fueled vehicles for gasoline- and diesel-powered vehicles currently used on farms and in fleet operations, particularly in areas where such substitution would facilitate plans to meet air quality standards set under the Clean Air Act, as amended [42 U.S.C. 7401 et seq.]; and

(5) supplement, but neither supplant nor duplicate, the automotive propulsion system research and development efforts of private industry.

(Pub. L. 96-512, § 2, Dec. 12, 1980, 94 Stat. 2827.)

REFERENCES IN TEXT

The Clean Air Act, as amended, referred to in subsec. (b)(4), is act July 14, 1955, ch. 360, 69 Stat. 322, as amended, which is classified generally to chapter 85 (§7401 et seq.) of Title 42, The Public Health and Welfare. For complete classification of this Act to the Code, see Short Title note set out under section 7401 of Title 42 and Tables.

SHORT TITLE

Pub. L. 96-512, § 1, Dec. 12, 1980, 94 Stat. 2827, provided: "That this Act [enacting this chapter] may be cited as the 'Methane Transportation Research, Development, and Demonstration Act of 1980'."

§ 3802. Definitions

For purposes of this chapter—

(a) the term "methane" means either natural gas (as defined in section 3301(1) of this title), gas derived from coal, liquefied natural gas, or any gaseous transportation fuel produced from biomass, waste products, and other renewable resources;

(b) the term "Secretary" means the Secretary of Energy;

(c) the term "public entities" means any unit or units of State and/or local governments;

(d) the term "private entities" means any person, such as any organization incorporated under State law, for profit or not-for-profit, or a consortium of such organizations, but does not include public entities;

(e) the term "vehicle" means any truck, van, station wagon, bus, or car used on public roads or highways as well as off-road agricultural equipment, such as tractors, harvesters, and so forth, which presently burn gasoline or diesel fuel; and

(f) the terms "facilities for the transmission and storage of methane", "methane transmission, storage and dispensing facilities", and any variant thereof means such facilities which are (1) directly necessary for the conduct of a demonstration, (2) for the exclusive use of a demonstration and (3) reasonably incidental to a demonstration.

(Pub. L. 96-512, § 3, Dec. 12, 1980, 94 Stat. 2828.)

§ 3803. Duties of Secretary of Energy

(a) Designation of management entity for program

The Secretary shall designate prior to February 1, 1981, an appropriate organizational entity within the Department of Energy to manage the methane vehicle research, development, and demonstration program.

(b) Monitoring and management of program; agreements with other Federal departments and agencies

The Secretary shall have the responsibility for monitoring and assuring proper management of the program. The Secretary may enter into agreements or arrangements with the National Aeronautics and Space Administration, the Department of Transportation, the Environmental Protection Agency, or any other Federal department or agency, pursuant to which such department or agency shall conduct specified parts or aspects of the program as the Secretary deems necessary or appropriate and within the particular competence of such agency, to the extent that such agency has capabilities which would enable it to contribute to the success of the program and attainment of the purposes of this chapter.

(c) Assurances respecting scope of program activities

In assuring the effective management of this program, the Secretary shall have specific responsibility to ascertain that the program includes activities to—

(1) promote basic and applied research on methane-fueled vehicle construction, modification, and safety;

(2) conduct research and development on optimum overall specifications for methane-fueled vehicles;

(3) determine appropriate means and facilities for safely and economically storing, transporting, and dispensing methane for use as a vehicular fuel;

(4) conduct demonstration projects with respect to the feasibility of methane-fueled vehi-