

with, and do not duplicate the efforts of, other programs at the Department of Commerce or other Federal agencies.

**(2) Collaboration**

**(A) In general**

The Secretary shall explore and pursue collaboration with other Federal agencies, including through multiagency funding opportunities, on regional innovation strategies.

**(B) Small businesses**

The Secretary shall ensure that such collaboration with Federal agencies prioritizes the needs and challenges of small businesses.

**(g) Evaluation**

**(1) In general**

Not later than 3 years after January 4, 2011, the Secretary shall enter into a contract with an independent entity, such as the National Academy of Sciences, to conduct an evaluation of the program established under subsection (a).

**(2) Requirements**

The evaluation shall include—

(A) whether the program is achieving its goals;

(B) any recommendations for how the program may be improved; and

(C) a recommendation as to whether the program should be continued or terminated.

**(h) Definitions**

In this section:

**(1) Regional innovation cluster**

The term “regional innovation cluster” means a geographically bounded network of similar, synergistic, or complementary entities that—

(A) are engaged in or with a particular industry sector;

(B) have active channels for business transactions and communication;

(C) share specialized infrastructure, labor markets, and services; and

(D) leverage the region’s unique competitive strengths to stimulate innovation and create jobs.

**(2) Science park**

The term “Science<sup>1</sup> park” means a property-based venture, which has—

(A) master-planned property and buildings designed primarily for private-public research and development activities, high technology and science-based companies, and research and development support services;

(B) a contractual or operational relationship with one or more science- or research-related institution of higher education or governmental or non-profit research laboratories;

(C) a primary mission to promote research and development through industry partnerships, assisting in the growth of new ventures and promoting innovation-driven economic development;

(D) a role in facilitating the transfer of technology and business skills between researchers and industry teams; and

(E) a role in promoting technology-led economic development for the community or region in which the science park is located. A science park may be owned by a governmental or not-for-profit entity, but it may enter into partnerships or joint ventures with for-profit entities for development or management of specific components of the park.

**(3) State**

The term “State” means one of the several States, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, the Commonwealth of the Northern Mariana Islands, or any other territory or possession of the United States.

**(i) Authorization of appropriations**

Except as provided in subsection (d)(8), there are authorized to be appropriated \$100,000,000 for each of fiscal years 2011 through 2013 to carry out this section (other than for loan guarantees under subsection (d)).

(Pub. L. 96-480, §27, as added Pub. L. 111-358, title VI, §603, Jan. 4, 2011, 124 Stat. 4030.)

CHANGE OF NAME

Committee on Science and Technology of House of Representatives changed to Committee on Science, Space, and Technology of House of Representatives by House Resolution No. 5, One Hundred Twelfth Congress, Jan. 5, 2011.

**CHAPTER 64—METHANE TRANSPORTATION RESEARCH, DEVELOPMENT, AND DEMONSTRATION**

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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 derived 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;

<sup>1</sup> So in original. Probably should not be capitalized.

(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 vehicles and methane transmission, storage and dispensing facilities (A) by providing necessary financial or technical assistance for the construction, modification, or operation of motor vehicles to be methane-fueled for prac-