

(B) National Laboratory

The term “National Laboratory” has the meaning given the term in section 15801 of this title.

(C) Program

The term “program” means the program established under paragraph (2).

(D) Small business concern

The term “small business concern” has the meaning given such term in section 632 of title 15.

(2) Establishment

The Secretary, acting through the Chief Commercialization Officer appointed under section 16391(a) of this title, and in consultation with the Directors, shall establish a program to provide small business concerns with vouchers under paragraph (3)—

(A) to achieve the goal described in subsection (a)(1); and

(B) to improve the products, services, and capabilities of small business concerns in the mission space of the Department.

(3) Vouchers

Under the program, the Directors are authorized to provide to small business concerns vouchers to be used at National Laboratories and single-purpose research facilities for—

(A) research, development, demonstration, technology transfer, skills training and workforce development, or commercial application activities; or

(B) any other activities that the applicable Director determines appropriate.

(4) Expedited approval

The Secretary, working with the Directors, shall establish a stream-lined approval process for financial assistance agreements signed between—

(A) small business concerns selected to receive a voucher under the program; and

(B) the National Laboratories and single-purpose research facilities.

(5) Cost-sharing requirement

In carrying out the program, the Secretary shall require cost-sharing in accordance with section 16352 of this title.

(6) Report

In accordance with section 16391a of this title, the Secretary shall report annually on the progress and implementation of the small business voucher program established under this section, including the number and locations of small businesses that received grants under this program.

(d) Use of funds

None of the funds expended under subsection (b) may be used for direct grants to small business concerns.

(e) Authorization of appropriations

There is authorized to be appropriated to the Secretary for activities under subsection (b) \$5,000,000 for each of fiscal years 2006 through 2008 and for activities under subsection (c) \$25,000,000 for each of fiscal years 2023 through 2027.

(Pub. L. 109-58, title X, §1003, Aug. 8, 2005, 119 Stat. 929; Pub. L. 117-167, div. B, title VI, §10718, Aug. 9, 2022, 136 Stat. 1705.)

Editorial Notes

AMENDMENTS

2022—Subsec. (a). Pub. L. 117-167, §10718(1)(A), substituted “(as defined in section 15801 of this title) and the Director of each single-purpose research facility” for “”, and may require the Director of a single-purpose research facility,” in introductory provisions.

Subsec. (a)(1). Pub. L. 117-167, §10718(1)(B), substituted “encourage” for “increase” and “research, development, demonstration, and commercial application activities, including product development,” for “collaborative research.”

Subsec. (a)(2). Pub. L. 117-167, §10718(1)(C), substituted “the activities described in paragraph (1)” for “procurement and collaborative research”.

Subsec. (a)(3). Pub. L. 117-167, §10718(1)(D), inserted “facilities,” before “training” and substituted “the activities described in paragraph (1)” for “procurement and collaborative research activities”.

Subsec. (a)(5). Pub. L. 117-167, §10718(1)(E), substituted “and metrics for the programs under subsections (b) and (c)” for “for the program under subsection (b)”.

Subsecs. (c), (d). Pub. L. 117-167, §10718(2), (3), added subsec. (c) and redesignated former subsec. (c) as (d). Former subsec. (d) redesignated (e).

Subsec. (e). Pub. L. 117-167, §10718(2), (4), redesignated subsec. (d) as (e), substituted “for activities under subsection (b)” for “for activities under this section”, and inserted before period at end “and for activities under subsection (c) \$25,000,000 for each of fiscal years 2023 through 2027”.

§ 16394. Outreach

The Secretary shall ensure that each program authorized by this Act or an amendment made by this Act includes an outreach component to provide information, as appropriate, to manufacturers, consumers, engineers, architects, builders, energy service companies, institutions of higher education, facility planners and managers, State and local governments, and other entities.

(Pub. L. 109-58, title X, §1004, Aug. 8, 2005, 119 Stat. 930.)

Editorial Notes

REFERENCES IN TEXT

This Act, referred to in text, is Pub. L. 109-58, Aug. 8, 2005, 119 Stat. 594, known as the Energy Policy Act of 2005, which enacted this chapter and enacted, amended, and repealed numerous other sections and notes in the Code. For complete classification of this Act to the Code, see Short Title note set out under section 15801 of this title and Tables.

§ 16395. Relationship to other laws

Except as otherwise provided in this Act or an amendment made by this Act, the Secretary shall carry out the research, development, demonstration, and commercial application programs, projects, and activities authorized by this Act or an amendment made by this Act in accordance with the applicable provisions of—

(1) the Atomic Energy Act of 1954 (42 U.S.C. 2011 et seq.);

(2) the Federal Nonnuclear Energy Research and Development Act of 1974 (42 U.S.C. 5901 et seq.);

(3) the Energy Policy Act of 1992 (42 U.S.C. 13201 et seq.);

(4) the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3701 et seq.);

(5) chapter 18 of title 35 (commonly known as the “Bayh-Dole Act”); and

(6) any other Act under which the Secretary is authorized to carry out the programs, projects, and activities.

(Pub. L. 109–58, title X, §1005, Aug. 8, 2005, 119 Stat. 930.)

Editorial Notes

REFERENCES IN TEXT

This Act, referred to in text, is Pub. L. 109–58, Aug. 8, 2005, 119 Stat. 594, known as the Energy Policy Act of 2005, which enacted this chapter and enacted, amended, and repealed numerous other sections and notes in the Code. For complete classification of this Act to the Code, see Short Title note set out under section 15801 of this title and Tables.

The Atomic Energy Act of 1954, referred to in par. (1), is act Aug. 1, 1946, ch. 724, as added by act Aug. 30, 1954, ch. 1073, §1, 68 Stat. 919, which is classified principally to chapter 23 (§2011 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 2011 of this title and Tables.

The Federal Nonnuclear Energy Research and Development Act of 1974, referred to in par. (2), is Pub. L. 93–577, Dec. 31, 1974, 88 Stat. 1878, which is classified generally to chapter 74 (§5901 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 5901 of this title and Tables.

The Energy Policy Act of 1992, referred to in par. (3), is Pub. L. 102–486, Oct. 24, 1992, 106 Stat. 2776. For complete classification of this Act to the Code, see Short Title note set out under section 13201 of this title and Tables.

The Stevenson-Wydler Technology Innovation Act of 1980, referred to in par. (4), is Pub. L. 96–480, Oct. 21, 1980, 94 Stat. 2311, which is classified generally to chapter 63 (§3701 et seq.) of Title 15, Commerce and Trade. For complete classification of this Act to the Code, see Short Title note set out under section 3701 of Title 15 and Tables.

§ 16396. Prizes for achievement in grand challenges of science and technology

(a) Authority

The Secretary may carry out a program to award cash prizes in recognition of breakthrough achievements in research, development, demonstration, and commercial application that have the potential for application to the performance of the mission of the Department.

(b) Competition requirements

The program under subsection (a) may include prizes for the achievement of goals articulated by the Secretary in a specific area through a widely advertised solicitation of submission of results for research, development, demonstration, or commercial application projects.

(c) Prizes for processes and technologies to reduce dependence on imported oil

The Secretary, in cooperation with the Freedom Prize Foundation, shall support a program of awarding prizes, to be known as Freedom Prizes, to encourage and recognize the development and deployment of processes and technologies that serve to reduce the dependence of the United States on imported oil.

(d) Relationship to other authority

The program under subsection (a) may be carried out in conjunction with or in addition to the exercise of any other authority of the Secretary to acquire, support, or stimulate research, development, demonstration, or commercial application projects.

(e) Coordination

In carrying out subsection (a), and for any prize competitions under section 105 of the America Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science Reauthorization Act of 2010, the Secretary shall—

(1) issue Department-wide guidance on the design, development, and implementation of prize competitions;

(2) collect and disseminate best practices on the design and administration of prize competitions;

(3) streamline contracting mechanisms for the implementation of prize competitions; and

(4) provide training and prize competition design support, as necessary, to Department staff to develop prize competitions and challenges.

(f) Authorization of appropriations

There are authorized to be appropriated—

(1) \$10,000,000 to carry out the program under subsection (a); and

(2) \$5,000,000 to carry out the program under subsection (c).

(g) H-prize

(1) Prize authority

(A) In general

As part of the program under this section, the Secretary shall carry out a program to competitively award cash prizes in conformity with this subsection to advance the research, development, demonstration, and commercial application of hydrogen energy technologies.

(B) Advertising and solicitation of competitors

(i) Advertising

The Secretary shall widely advertise prize competitions under this subsection to encourage broad participation, including by individuals, universities (including historically Black colleges and universities and other minority serving institutions), and large and small businesses (including businesses owned or controlled by socially and economically disadvantaged persons).

(ii) Announcement through Federal Register notice

The Secretary shall announce each prize competition under this subsection by publishing a notice in the Federal Register. This notice shall include essential elements of the competition such as the subject of the competition, the duration of the competition, the eligibility requirements for participation in the competition, the process for participants to reg-