

103^D CONGRESS
1ST SESSION

H. R. 3530

To provide for the use of Federal facilities to demonstrate environmental technologies.

IN THE HOUSE OF REPRESENTATIVES

NOVEMBER 18, 1993

Mr. SWETT introduced the following bill; which was referred to the Committee on Science, Space, and Technology

A BILL

To provide for the use of Federal facilities to demonstrate environmental technologies.

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 “Environmental Tech-
5 nology Demonstration Act of 1993”.

6 **SEC. 2. FINDINGS.**

7 The Congress finds the following:

8 (1) The development and deployment of envi-
9 ronmental technologies can enhance the economic

1 competitiveness and the environmental security of
2 the United States.

3 (2) The Federal Government has facilities
4 which can assist and catalyze efforts of industry in
5 developing and deploying new environmental tech-
6 nologies.

7 **SEC. 3. USE OF FEDERAL FACILITIES FOR ENVIRON-**
8 **MENTAL TECHNOLOGY DEMONSTRATION.**

9 (a) ESTABLISHMENT.—The Administrator of the En-
10 vironmental Protection Agency shall establish a program
11 to demonstrate the performance of environmental tech-
12 nologies at Federal laboratories and other Federal facili-
13 ties.

14 (b) QUALIFYING TECHNOLOGY DEMONSTRATION
15 PROJECTS.—Technologies that qualify for demonstration
16 under such program include—

17 (1) environmental technologies that can be ap-
18 plied to a major pollution control or remediation
19 need, as determined by the Administrator, at a Fed-
20 eral laboratory or other Federal facility;

21 (2) environmental technologies the development
22 of which would be significantly advanced by unique
23 facilities or capabilities of a Federal laboratory or
24 other Federal facility; and

1 (3) other environmental technologies that the
2 Administration considers to have significant poten-
3 tial as an environmental technology that will contrib-
4 ute to sustainable economic growth.

5 (c) ADMINISTRATION.—As part of the program estab-
6 lished under this section, the Administrator—

7 (1) may enter into cooperative agreements with
8 other Federal departments and agencies for the pur-
9 pose of demonstrating the performance of environ-
10 mental technologies;

11 (2) may enter into contracts and cooperative
12 agreements for such purpose with organizations se-
13 lected under paragraph (7);

14 (3) except as provided in paragraph (4), may
15 not provide Federal resources under a cooperative
16 agreement referred to in paragraphs (1) and (2) in
17 an amount that exceeds one-half of the total cost of
18 carrying out services and activities under the agree-
19 ment;

20 (4) may make special provisions for small busi-
21 nesses, including the provision of Federal resources
22 under a cooperative agreement entered into with a
23 small business under paragraph (1) or (2) in an
24 amount that exceeds one-half of the total cost of car-

1 rying out services and activities under the agree-
2 ment;

3 (5) shall establish procedures to solicit and ac-
4 cept applications for environmental technologies for
5 demonstration under this program;

6 (6) shall, in consultation and cooperation with
7 other Federal agencies, make available information
8 about the facilities and expertise available at Federal
9 laboratories that would be valuable to the dem-
10 onstration of environmental technologies and about
11 sites at Federal laboratories or other Federal facili-
12 ties potentially available for testing environmental
13 technologies, characterized by specific site character-
14 istics, including site geology and site contaminants
15 where appropriate;

16 (7) shall establish procedures for the merit-
17 based review of all applications for demonstration
18 projects under this program through a process that
19 includes representatives of industry and United
20 States nonprofit organizations and select organiza-
21 tions to carry out such projects based upon such
22 procedures;

23 (8) shall document the performance and cost of
24 characteristics of the environmental technology dem-
25 onstrated; and

1 (9) shall list and disseminate nonproprietary in-
2 formation regarding the performance and cost char-
3 acteristics of the environmental technologies dem-
4 onstrated pursuant to this Act.

5 (d) QUALIFYING ORGANIZATIONS.—Entities eligible
6 to carry out a demonstration project as part of the pro-
7 gram established under subsection (a) are United States
8 companies (including small businesses), United States
9 nonprofit organizations, United States institutions of
10 higher education, and other organizations that the Admin-
11 istrator considers appropriate.

12 (e) PROGRAM EVALUATION AND REPORTING.—The
13 Administrator shall, in cooperation with other Federal
14 agencies and in consultation with the United States com-
15 panies and United States nonprofit organizations, annu-
16 ally submit to the Congress a report that evaluates the
17 performance of the program, including a statement of—

18 (1) the number of environmental technologies
19 tested and the type of problems addressed;

20 (2) the number of environmental technologies
21 demonstrated in the program that have since become
22 commercially viable and their estimated impact; and

23 (3) the Federal and non-Federal financial re-
24 sources committed to the program.

1 **SEC. 4. DEFINITIONS.**

2 For the purposes of this Act:

3 (1) The term “Administrator” means the Ad-
4 ministrator of the Environmental Protection Agency.

5 (2) The term “environmental technology”
6 means—

7 (A) a technology that is primarily intended
8 to improve the quality of the environment
9 through pollution reduction or remediation;

10 (B) a product, manufacturing process, or
11 service that is capable of cost-effectively replac-
12 ing the functions of an existing product, proc-
13 ess, or service, and as compared with the prod-
14 uct, process, or service it replaces, significantly
15 reducing overall pollution or significantly im-
16 proving the efficiency of energy or materials
17 use; or

18 (C) a technology within the meaning of
19 subparagraphs (A) and (B).

20 (3) The term “Federal laboratory” means a
21 Government-owned, Government-operated labora-
22 tory, or a Government-owned, contractor-operated
23 laboratory.

○