

1 of the processes of creating, producing, processing,
2 manufacturing, modifying, transporting, distrib-
3 uting, storing, using, recycling, or disposing of goods
4 and services.

5 (e) AUTHORIZATION OF APPROPRIATIONS.—There is
6 authorized to be appropriated to the Administrator—

7 (1) to carry out the study required by sub-
8 section (a), \$5,000,000; and

9 (2) to carry out the program required under
10 subsection (b), \$25,000,000 for each of fiscal years
11 2010 through 2025.

12 **SEC. 154. STATE RECYCLING PROGRAMS.**

13 (a) ESTABLISHMENT.—The Administrator shall es-
14 tablish a State Recycling Program governing the use of
15 funds by States in accordance with this Act.

16 (b) USE OF FUNDING.—

17 (1) IN GENERAL.—States receiving funding to
18 carry out this section shall use the proceeds to carry
19 out recycling programs in accordance with this sec-
20 tion.

21 (2) COUNTY AND MUNICIPAL PROGRAMS.—Not
22 less than $\frac{1}{4}$ of the funding made available to a State
23 to carry out this section shall be distributed by the
24 State to county and municipal recycling programs as
25 described in subsection (c)(1), to be used exclusively

1 to support recycling purposes and associated source
2 reduction purposes, including to provide incentives—

3 (A) for recycling-related technology that—

4 (i) reduces or avoids greenhouse gas
5 emissions;

6 (ii) increases collection rates; and

7 (iii) improves the quality of recyclable
8 material that is separated from solid
9 waste;

10 (B) for energy-efficiency projects for trans-
11 portation fleets and recycling equipment used to
12 collect and sort recyclable material separated
13 from solid waste;

14 (C) for recycling program-related expenses,
15 including—

16 (i) education and job training;

17 (ii) development and implementation
18 of variable rate (commonly referred to as
19 “pay-as-you-throw”) recycling programs
20 and anaerobic digestion programs;

21 (iii) promotion of public space recy-
22 cling programs;

23 (iv) approaches for assuring compli-
24 ance with recycling requirements; and

1 (v) development or implementation of
2 best practices for municipal solid waste re-
3 duction programs; and

4 (D) to ensure that recyclable material is
5 not sent for disposal or incineration during fluc-
6 tuating markets.

7 (3) RECYCLING FACILITIES.—Not less than $\frac{1}{4}$
8 of the funding made available to a State to carry out
9 this section shall be distributed by the State to eligi-
10 ble recycling facilities as described in subsection
11 (c)(2) to be used exclusively to support the recycling
12 purposes and associated source reduction purposes
13 of the facilities, including to provide—

14 (A) incentives for the demonstration or de-
15 ployment of recycling-related technology and
16 equipment that reduce or avoid greenhouse gas
17 emissions;

18 (B) incentives to facilities that increase the
19 quantity and quality of recyclable material that
20 is recycled versus sent for disposal or inciner-
21 ation;

22 (C) funding for research, management,
23 and removal of impediments to recycling, in-
24 cluding—

25 (i) radioactive material; and

1 (ii) devices or materials that contain
2 polychlorinated biphenyls, mercury, or
3 chlorofluorocarbons;

4 (D) funding for research on, and develop-
5 ment and deployment of, new technologies to
6 more efficiently and effectively recycle items
7 such as automobile shredder residue, cathode
8 ray tubes, plastics, and tires; and

9 (E) incentives to recycle materials identi-
10 fied by the Administrator that are not being re-
11 cycled at a recycling facility.

12 (4) MANUFACTURING FACILITIES.—Not less
13 than $\frac{1}{4}$ of the funding made available to a State to
14 carry out this section shall be distributed by the
15 State to eligible manufacturing facilities as described
16 in subsection (c)(3) to be used exclusively to support
17 recycling purposes, including to provide incentives
18 for the demonstration or deployment of—

19 (A) manufacturing-related technology and
20 equipment that would increase the use of recy-
21 clable material and avoid or reduce greenhouse
22 gas emissions;

23 (B) radiation detection equipment and the
24 costs associated with recovery of detected radi-
25 ated recyclable material;

1 (C) technologies that will detect and sepa-
2 rate contaminants, including mercury-, lead-,
3 and cadmium-containing devices;

4 (D) strategies and technologies to remove
5 impediments to recovering recyclable material;
6 and

7 (E) strategies and technologies to improve
8 the energy efficiency of technology and equip-
9 ment used to manufacture recyclable material.

10 (c) ELIGIBILITY REQUIREMENTS.—

11 (1) COUNTY AND MUNICIPALITY PROGRAMS.—
12 Funds provided under subsection (b)(2) shall be pro-
13 vided on a competitive basis to county and municipal
14 recycling programs that—

15 (A) have within the solid waste manage-
16 ment plans of the programs a recycling man-
17 agement plan that includes an education out-
18 reach program for the individuals and entities
19 served by the program constituency that high-
20 lights the lifecycle benefits of recycling; and

21 (B) collect at least 5 recyclable materials,
22 such as—

23 (i) ferrous and nonferrous metal;

24 (ii) aluminum;

25 (iii) plastic;

- 1 (iv) tires and rubber;
- 2 (v) household electronic equipment;
- 3 (vi) glass;
- 4 (vii) scrap food;
- 5 (viii) recoverable fiber or paper; and
- 6 (ix) textiles;

7 (C) demonstrate, not later than 3 years
8 after the date of receipt of funds under this
9 subtitle, reasonable progress toward achieving—

10 (i) a collection rate goal of at least 30
11 percent of the total recyclable materials
12 available from the solid waste stream in
13 the requesting State, county, or municipal
14 program; or

15 (ii) a 10-percent increase of collected
16 recyclable materials compared to the total
17 solid waste stream in the requesting State,
18 county, or municipal program; and

19 (D)(i) own, operate, or contract to oper-
20 ate—

21 (I) a curbside recyclables collection
22 program;

23 (II) a redemption center or drop-off
24 facility for recyclables; and

25 (III) a materials recovery facility; and

1 (ii) have in place a quality, environmental,
2 health, and safety management system (such as
3 that of the International Standards Organiza-
4 tion or an equivalent) that includes goals to re-
5 duce the operational carbon baselines of the
6 programs.

7 (2) RECYCLING FACILITY.—Funds provided
8 under subsection (b)(3) shall be provided on a com-
9 petitive basis to a recycling facility that—

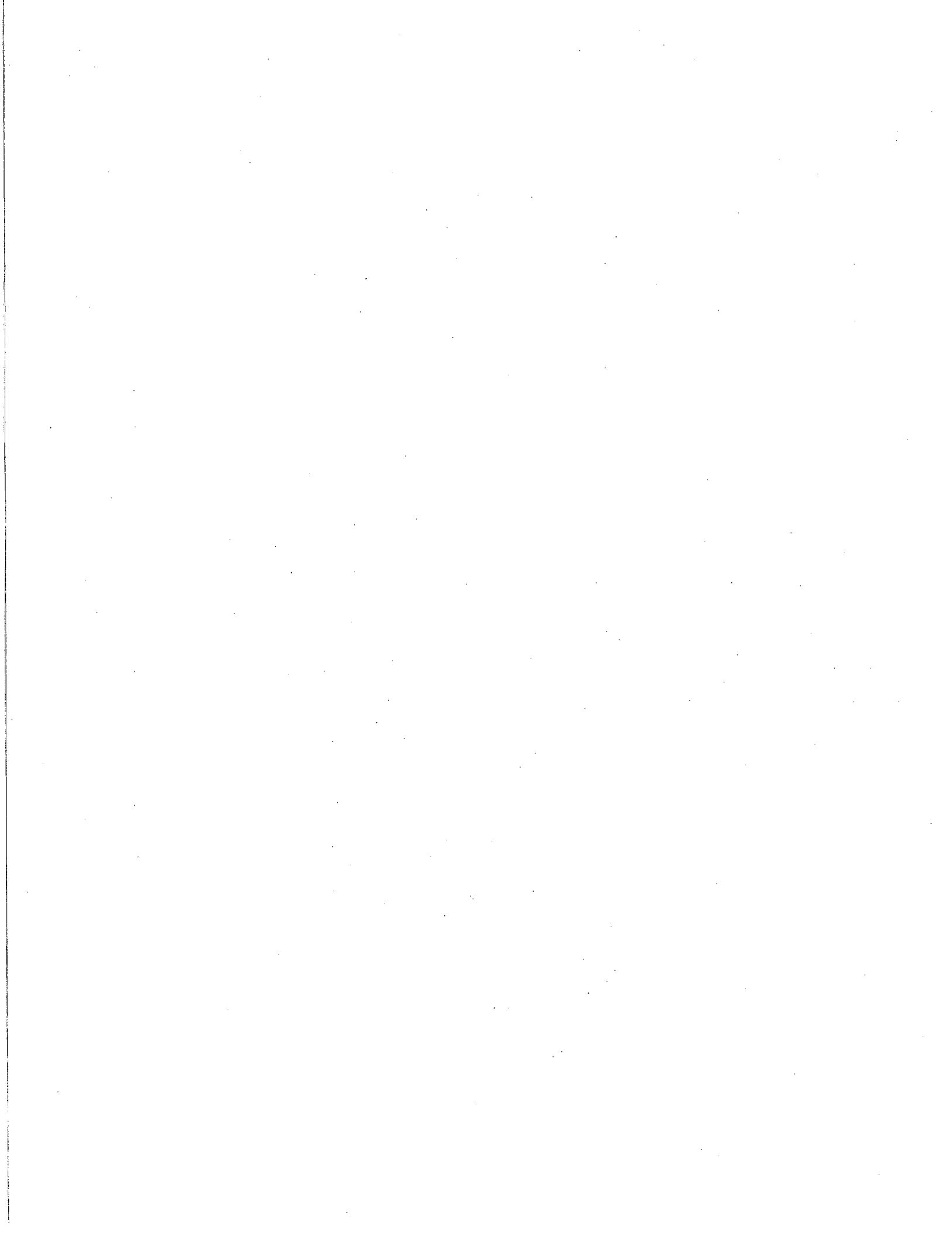
10 (A) processes recyclable material into com-
11 mercial specification-grade commodities for use
12 as raw material feed stock at recovery facilities,
13 including for use as—

14 (i) a replacement or substitute for a
15 virgin raw material; or

16 (ii) a replacement or substitute for a
17 product made, in whole or in part, from a
18 virgin raw material;

19 (B) has a verifiable carbon baseline; and

20 (C) has an environmental, health and safe-
21 ty, and quality management system (such as
22 that of the International Standards Organiza-
23 tion or an equivalent) that includes goals to re-
24 duce the operational carbon baseline of the re-
25 cycling facility per unit of material processed.



1 (4) documentation of the quantity of net recy-
2 clable material that was collected and processed and
3 greenhouse gas emissions that were reduced or
4 avoided accordingly, through use of the funding,
5 based on a lifecycle calculation developed by the Ad-
6 ministrator.

7 (e) **METHODOLOGY AND DECISIONMAKING.**—The Ad-
8 ministrator, as appropriate—

9 (1) shall develop and periodically update
10 lifecycle methods to quantify the relationship be-
11 tween waste management decisions, including recy-
12 cling and waste reduction, greenhouse gas reduc-
13 tions, and energy use reductions, for purposes that
14 include—

15 (A) helping to support decisions under
16 Federal, State, and municipal recycling and
17 waste management programs, including—

18 (i) estimating greenhouse gas and en-
19 ergy benefits of increasing collection or
20 adding new materials to recycling pro-
21 grams;

22 (ii) comparing the benefits of recy-
23 cling and waste reduction to other green-
24 house gas and energy use reduction strate-
25 gies;

1 (iii) optimizing waste management
2 strategies to maximize greenhouse gas re-
3 ductions and energy use reductions; and

4 (iv) public education; and

5 (B) designing products to optimize waste
6 reduction and recycling opportunities and use of
7 recycled materials in the manufacturing proc-
8 ess;

9 (2) may collect data to support the development
10 of the methods described in paragraph (1); and

11 (3) to improve national consistency, shall, in
12 consultation with appropriate State and local rep-
13 resentatives and municipal recycling programs, iden-
14 tify best practices to promote improvement in, and
15 support State efforts in improving, municipal recy-
16 cling and resource recovery programs.

17 **SEC. 155. SUPPLEMENTAL AGRICULTURE AND FORESTRY**
18 **GREENHOUSE GAS REDUCTION AND RENEW-**
19 **ABLE ENERGY PROGRAM.**

20 (a) AGRICULTURAL GREENHOUSE GAS REDUC-
21 TIONS.—

22 (1) ESTABLISHMENT.—

23 (A) IN GENERAL.—The Secretary of Agri-
24 culture (referred to in this section as the “Sec-
25 retary”), in coordination with the Secretary of