

standards that apply to passenger cars, light trucks, and larger passenger vehicles manufactured after the 2003 model year, as issued on February 10, 2000, by the Administrator of the Environmental Protection Agency under sections 7521 and 7545 of this title.

(b) Diesel combustion and after-treatment technologies

The Secretary shall accelerate efforts to improve diesel combustion and after-treatment technologies for use in diesel fueled motor vehicles.

(c) Goals

The Secretary shall carry out subsection (b) with a view toward achieving the following goals:

(1) Developing and demonstrating diesel technologies that, not later than 2010, meet the following standards:

(A) Tier 2 emission standards.

(B) The heavy-duty emissions standards of 2007 that are applicable to heavy-duty vehicles under regulations issued by the Administrator of the Environmental Protection Agency as of August 8, 2005.

(2) Developing the next generation of low-emission, high efficiency diesel engine technologies, including homogeneous charge compression ignition technology.

(Pub. L. 109–58, title VII, §754, Aug. 8, 2005, 119 Stat. 828.)

§ 16103. Conserve by Bicycling Program

(a) Definitions

In this section:

(1) Program

The term “program” means the Conserve by Bicycling Program established by subsection (b).

(2) Secretary

The term “Secretary” means the Secretary of Transportation.

(b) Establishment

There is established within the Department of Transportation a program to be known as the “Conserve by Bicycling Program”.

(c) Projects

(1) In general

In carrying out the program, the Secretary shall establish not more than 10 pilot projects that are—

(A) dispersed geographically throughout the United States; and

(B) designed to conserve energy resources by encouraging the use of bicycles in place of motor vehicles.

(2) Requirements

A pilot project described in paragraph (1) shall—

(A) use education and marketing to convert motor vehicle trips to bicycle trips;

(B) document project results and energy savings (in estimated units of energy conserved);

(C) facilitate partnerships among interested parties in at least 2 of the fields of—

- (i) transportation;
- (ii) law enforcement;
- (iii) education;
- (iv) public health;
- (v) environment; and
- (vi) energy;

(D) maximize bicycle facility investments;

(E) demonstrate methods that may be used in other regions of the United States; and

(F) facilitate the continuation of ongoing programs that are sustained by local resources.

(3) Cost sharing

At least 20 percent of the cost of each pilot project described in paragraph (1) shall be provided from non-Federal sources.

(d) Energy and bicycling research study

(1) In general

Not later than 2 years after August 8, 2005, the Secretary shall enter into a contract with the National Academy of Sciences for, and the National Academy of Sciences shall conduct and submit to Congress a report on, a study on the feasibility of converting motor vehicle trips to bicycle trips.

(2) Components

The study shall—

(A) document the results or progress of the pilot projects under subsection (c);

(B) determine the type and duration of motor vehicle trips that people in the United States may feasibly make by bicycle, taking into consideration factors such as—

- (i) weather;
- (ii) land use and traffic patterns;
- (iii) the carrying capacity of bicycles; and
- (iv) bicycle infrastructure;

(C) determine any energy savings that would result from the conversion of motor vehicle trips to bicycle trips;

(D) include a cost-benefit analysis of bicycle infrastructure investments; and

(E) include a description of any factors that would encourage more motor vehicle trips to be replaced with bicycle trips.

(e) Authorization of appropriations

There is authorized to be appropriated to the Secretary to carry out this section \$6,200,000, to remain available until expended, of which—

(1) \$5,150,000 shall be used to carry out pilot projects described in subsection (c);

(2) \$300,000 shall be used by the Secretary to coordinate, publicize, and disseminate the results of the program; and

(3) \$750,000 shall be used to carry out subsection (d).

(Pub. L. 109–58, title VII, §755, Aug. 8, 2005, 119 Stat. 828.)

§ 16104. Reduction of engine idling

(a) Definitions

In this section:

(1) Administrator

The term “Administrator” means the Administrator of the Environmental Protection Agency.