

S 1408

Vehicle Innovation Act of 2015

Congress: 114 (2015–2017, Ended)

Chamber: Senate

Policy Area: Energy

Introduced: May 20, 2015

Current Status: Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 114-344.

Latest Action: Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 114-344. (Jun 9, 2015)

Official Text: <https://www.congress.gov/bill/114th-congress/senate-bill/1408>

Sponsor

Name: Sen. Peters, Gary C. [D-MI]

Party: Democratic • **State:** MI • **Chamber:** Senate

Cosponsors (2 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Alexander, Lamar [R-TN]	R · TN		May 20, 2015
Sen. Stabenow, Debbie [D-MI]	D · MI		May 20, 2015

Committee Activity

Committee	Chamber	Activity	Date
Energy and Natural Resources Committee	Senate	Hearings By (full committee)	Jun 9, 2015

Subjects & Policy Tags

Policy Area:

Energy

Related Bills

Bill	Relationship	Last Action
114 HR 4106	Related bill	Sep 30, 2016: Referred to the Subcommittee on Research and Technology.
114 S 2089	Related bill	Sep 29, 2015: Read the second time. Placed on Senate Legislative Calendar under General Orders. Calendar No. 241.

Vehicle Innovation Act of 2015

This bill authorizes appropriations to the Department of Energy (DOE) for research, development, engineering, demonstration, and commercial application of vehicles and related technologies for FY2015-FY2020.

The bill requires DOE to:

- conduct a program of research, development, engineering, demonstration, and commercial application activities (R&D activities) on materials, technologies, and processes with the potential to substantially reduce or eliminate petroleum use and the emissions of the nation's passenger and commercial vehicles;
- ensure that it continues to support R&D activities and maintains competency in mid- to long-term transformational vehicle technologies with potential to achieve deep reductions in petroleum use and emissions;
- conduct research, development, engineering, demonstration, and deployment activities on connectivity of vehicle roadway, vulnerable road users, traffic control systems, and transportation data systems, including technologies that allow for improved safety, reduced energy and fuel use, optimized traffic flow, and vehicle electrification;
- carry out a program of R&D activities on advanced vehicle manufacturing technologies and practices;
- carry out a program of cooperative research, development, demonstration, and commercial application activities on advanced technologies for medium- to heavy-duty commercial, vocational, recreational, and transit vehicles;
- conduct a competitive grant program to demonstrate the integration of multiple advanced technologies on Class 8 (heavy duty) truck and trailer platforms;
- develop standard testing procedures and technologies for evaluating the performance of advanced heavy vehicle technologies under a range of representative duty cycles and operating conditions and evaluate heavy vehicle performance using work performance-based metrics other than those based on miles per gallon and appropriate metrics based on the work performed by nonroad systems; and
- undertake a pilot program of research, development, demonstration, and commercial applications of technologies to improve total machine or system efficiency for nonroad mobile equipment and to seek opportunities to transfer relevant research findings and technologies between the nonroad and on-highway equipment and vehicle sectors.

DOE may construct heavy duty truck and bus testing facilities.

Actions Timeline

- **Jun 9, 2015:** Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 114-344.
- **May 20, 2015:** Introduced in Senate
- **May 20, 2015:** Read twice and referred to the Committee on Energy and Natural Resources.