

April 4, 2018

The Honorable Joe Barton
House of Representatives
Subcommittee on Environment
Committee on Energy and Commerce
2125 Rayburn House Office Building
Washington, DC 20515

RE: Additional Questions for the Record

Dear Representative Barton,

Below are responses to the questions sent in response to the March 7, 2018 hearing *The Future of Transportation Fuels and Vehicles*.

Sincerely,



Dr. Jeremy Martin
Union of Concerned Scientists

The Honorable Joe Barton

1. What types of financial incentives currently exist through the federal government and private sector, to encourage this type of innovation?

The Department of Energy and the National Labs provide critically important support for innovation in the area of advanced vehicles and fuels, so ensuring DOE has the resources to continue to support innovation is important. Stable administration of vehicle and fuel standards also support investment in innovative advanced fuels and vehicle technology. The federal government also offers several tax credits, including the second-generation biofuel producer credit (26 USC 40(b)(6)) and the carbon dioxide sequestration credit (45Q).

2. How would such a company present these types of ideas to the federal government for consideration?

Companies researching advanced vehicle and fuel technologies often present them for support through Department of Energy solicitations. For example, ARPA-E (Advanced Research Projects Agency - Energy) funds early stage research, including in the areas of vehicle technologies and fuels. In addition, the Department of Agriculture also offers research grants on biofuels and advanced feedstocks.