

Support for the *Hydrogen for Trucks Act*



“Hydrogen is an essential technology that provides clean fuel and reliable storage opportunities for the energy transition. BPC Action endorses Sens. Coons and Cornyn’s bipartisan *Hydrogen for Trucks Act* which will support the deployment of this clean technology and the infrastructure for hydrogen - a critical step to enabling our net zero goals. Hydrogen-powered trucks can help extend the range of clean heavy-duty transportation while simultaneously removing carbon emission from tailpipes. I am pleased to see members of Congress working together to form innovative bipartisan solutions like this one.” —**Michele Stockwell, Executive Director, BPC Action**

“Decarbonizing the heavy-duty trucking sector will create meaningful benefits both on climate change mitigation as well as in reducing local air pollution. Heavy-duty trucks are challenging to electrify, so the sector may require zero-carbon fuels like hydrogen to fully decarbonize. The *Hydrogen for Trucks Act* would accelerate progress towards development of heavy-duty hydrogen fuel cell electric vehicles, necessary hydrogen refueling infrastructure, and best practices for safe handling of hydrogen. Clean Air Task Force looks forward to working with Congress to advance this effort and further support the transition to zero-carbon fuels.” —**Emily Kent, Policy Manager for Zero-Carbon Fuels, Clean Air Task Force**

“Hydrogen has an important role to play in helping us meet our climate goals, especially when it comes to reducing emissions from heavy-duty transportation. However, hydrogen-powered trucks are an up-and-coming technology that remains cost-prohibitive for many businesses. Third Way applauds Senators Coons and Cornyn for introducing the *Hydrogen for Trucks Act*, which will help fleet owners purchase the very cleanest vehicles and ensure they have the refueling infrastructure ready to support them. This bill represents a down payment on our efforts to accelerate our transition to zero-emission trucks, which is critical to reducing trucking's climate impacts and cutting air pollution in the communities these trucks operate in.” —**Josh Freed, Senior Vice President for Climate and Energy, Third Way**

"Heavy duty transport is one of the most difficult sectors to decarbonise. Heavy duty fuel cell vehicles can provide a solution, but they need to tackle several challenges before they become mainstream. First there are still very few models currently available, especially in some categories. Fuel cell buses are starting to make their way into several cities across the world, while there are still very few trucks models available (from companies such as Hyzon, Daimler or Hyundai). Given the low number of heavy duty fuel cell vehicles, their cost is still too high and needs to decline so that their total cost of ownership (TCO) drops to the level of diesel alternative and they become a cost competitive option. They also need to demonstrate that they offer a better alternative than the battery-electric vehicles in terms of cost, performance and reliability. Finally, the development of hydrogen in that sector will not succeed if fueling stations are not developed simultaneously in order to solve the classic chicken-and-egg problem. The *Hydrogen for Trucks Act of 2022*, which supports fuel cell trucks owners, operators as well the buildup of hydrogen stations, helps to address these issues.” —**Anne-Sophie Corbeau, Global Research Scholar, Center on Global Energy Policy Columbia University SIPA**

"Air Liquide is proud to support the Hydrogen for Trucks Act, and applauds Senators Chris Coons (D-DE) and John Cornyn (R-TX) for including this important bill as part of their bipartisan Hydrogen Infrastructure Initiative. Hydrogen's unsurpassed potential comes from its incredible versatility. With hydrogen, we can decarbonize hard-to-abate sectors, such as heavy duty transportation. The ability to transport goods is essential to our economy and hydrogen can be a game changer for improving sustainability in the trucking industry. Using hydrogen in a fuel cell electric vehicle requires less weight, less space and shorter downtimes than other clean mobility options. As a leader in hydrogen and on behalf of our 20,000 U.S. employees, Air Liquide is confident that the *Hydrogen for Trucks Act* will help spur the broad deployment and adoption of hydrogen fuel cell electric vehicles and help achieve the goal of a carbon neutral United States by 2050." —**Michael J. Graff, Chairman & Chief Executive Officer, American Air Liquide Holdings, Inc.**

"Significantly increasing the production and use of clean hydrogen is the most effective way for the U.S. to rapidly reduce greenhouse gas emissions from energy intensive industries. This is especially true in the transportation sector, which accounts for nearly one third of all US emissions. Scaling hydrogen technology will also save and create new good paying jobs for Americans while bolstering America's energy independence. Bakken Energy applauds Senator Coons and Senator Cornyn for their leadership in introducing the *Hydrogen for Trucks Act* and looks forward to collaborating with the offices of both leaders to get this critical legislation across the finish line." —**Steven Lebow, Chairman & Founder, Bakken Energy**

"Chemours applauds Senator Coons and Senator Cornyn for partnering on bi-partisan legislation that will spur investment in zero emissions hydrogen fuel cell vehicles and the supporting infrastructure. Making clean heavy-duty vehicles cost-competitive is a game-changer for combating climate change as medium and heavy-duty vehicles account for about 23% of all transportation emissions. Chemours and the University of Delaware are working on the development of membranes that allow zero emissions heavy-duty vehicles powered by hydrogen to achieve total cost of ownership parity with diesel technology. The emissions from hydrogen fuel cells are as near-zero for greenhouse gases as it gets, emitting only water vapor and warm air. An investment in the raw materials and infrastructure that creates and uses clean hydrogen is an investment in American manufacturing and innovation. We look forward to working with Senator Coons, Senator Cornyn and other members of our delegation to make wide-spread adoption of clean hydrogen a reality in America." —**Mark Newman, President and CEO, The Chemours Company**

"Cummins is pleased to support the *Hydrogen Trucks Act*. The time for action is now and this legislation will help accelerate decarbonization of the transportation industry. It is critical that we invest in both hydrogen infrastructure and vehicle technologies to deploy the solutions required to combat climate change. We applaud Senators Coons and Cornyn for their leadership to advance the US hydrogen economy, creating a more sustainable future for everyone." —**Amy Adams, Vice President of Fuel Cell and Hydrogen Technologies, Cummins Inc.**

“Hydrogen and fuel cell technologies will be critical to decarbonizing our nation’s transportation systems. We are extremely grateful for the leadership demonstrated by Senators Chris Coons and John Cornyn in advancing this important legislation that would help kickstart deployment of zero-emission hydrogen trucks.” —**Frank Wolak, President and CEO, Fuel Cell and Hydrogen Energy Association**

“The Clean Hydrogen Future Coalition (CHFC) commends Senators Chris Coons (D-DE) and John Cornyn (R-TX) on the introduction of their Hydrogen Infrastructure Initiative legislative package. Each bill included in the Initiative would support the deployment of clean hydrogen by providing federal support to address cost barriers and commercial risks faced by first-mover hydrogen projects in the transportation, industrial and maritime sectors and would enable the growth of critical hydrogen infrastructure.

The CHFC is committed to supporting federal policies that enable the full value chain of clean hydrogen, including production, storage, transport, and end-use. Through the combination of pending proposals to boost the production of clean hydrogen and the policies included in the Hydrogen Infrastructure Initiative that will stimulate the transport and end use of clean hydrogen in diverse market applications, Congress can magnify the critical impact of clean hydrogen as a decarbonization tool for the U.S. economy.

The CHFC applauds Senators Coons and Cornyn for their recognition of hydrogen’s role as a climate mitigation tool. We look forward to working with them to ensure that these proposals are enacted to support the clean hydrogen value chain and that they recognize the contributions of skilled labor as part of the clean energy transition.” —**Shannon Angielski, President, Clean Hydrogen Future Coalition**

"We appreciate the leadership of Senator Coons and Senator Cornyn in advancing the “Hydrogen Infrastructure Initiative” - a package of legislation that supports the deployment of hydrogen in hard-to-decarbonize sectors, including heavy on-road transportation. As a leading designer and manufacturer of zero-emission vehicles, infrastructure, and energy solutions, Nikola appreciates the critical role that the *Hydrogen for Trucks Act* will play to transform the trucking sector by accelerating the market adoption and commercialization of hydrogen fuel cell vehicles, including the Nikola Tre FCEV, and the deployment of hydrogen fueling infrastructure to support them across the country. We look forward to working with both senators and other stakeholders to ensure a level-playing field for FCEV technology and moving the needle on behalf of the full value chain to create a national hydrogen economy." —**Mark Russell, CEO and President, Nikola Corporation**

“PGT Trucking, which is investing in trucks that will operate using hydrogen as a fuel source, fully supports the work of Senators Coons and Cornyn in promoting the Hydrogen Infrastructure Initiative and the *Hydrogen for Trucks Act*. While trucking companies and equipment manufacturers are making substantial investments and taking risks toward the development of various hydrogen-fueled transportation solutions, it is critical that an infrastructure providing robust distribution channels of hydrogen fuel be deployed nationwide.” —**Gregg Troian, President, PGT Trucking Inc.**

“Air Products applauds Senators Coons and Cornyn on the introduction of the bipartisan Hydrogen for Trucks Act to advance the deployment of heavy-duty fuel cell electric vehicles and related equipment and infrastructure. Air Products believes that hydrogen is the future for heavy duty segments of the transportation market. By producing and distributing clean hydrogen energy solutions for use in heavy-duty fuel cell vehicles, industrial applications and energy storage, Air Products is helping to build a vibrant pathway to a cleaner energy future. This legislation is an important step toward building the critical infrastructure needed to achieve a clean U.S. energy economy.” —**Eric Guter, Vice President, Hydrogen for Mobility Solutions, Air Products**

“This bill fosters critical public-private cooperation that will spur much-needed innovation. Hydrogen-fueled long-distance trucking faces a number of technological and implementation challenges. This bill will help fund innovative pilots with the potential to overcome these challenges and foster the growth of a hydrogen fuel industry.” —**David Hart, Director, Center for Clean Energy Innovation, Information Technology and Innovation Foundation**