Building a Sustainable World: One Truck Load at a Time

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Abstract

Transportation sector of the economy produces 28% of all U.S. greenhouse gas emissions. The supply chain industry therefore is long overdue in a change to create a more sustainable infrastructure. Car manufactures like Mercedes-Benz and Tesla, are already developing electric semi-trucks. However, there are cost, safety regulations, and weight limitation that are holding back innovators. The Mercedes-Benz GenH2 model will not be tested until 2023 and Tesla’s semi-truck pushed back production until 2021 due to the lack of market.

Government regulation requires car manufactures to produce fuel efficient cars, but the transportation industry is overlooked with such regulations. To push these expensive, but sustainable semi-trucks, the Government should offer better tax breaks and enforce regulations to push production and sales to reduce greenhouse gas emissions.