

118TH CONGRESS  
1ST SESSION

# H. R. 2664

To provide for coordination between Federal agencies regarding the decarbonization, development, certification, and deployment of aircraft, vessels, and medium and heavy duty transportation vehicles, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

APRIL 18, 2023

Ms. DELBENE introduced the following bill; which was referred to the Committee on Transportation and Infrastructure, and in addition to the Committees on Energy and Commerce, and Science, Space, and Technology, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

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## A BILL

To provide for coordination between Federal agencies regarding the decarbonization, development, certification, and deployment of aircraft, vessels, and medium and heavy duty transportation vehicles, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Transportation Inno-  
5 vation Coordination Act”.

1 **SEC. 2. ADDITIONAL DUTIES OF THE JOINT OFFICE OF EN-**  
2 **ERGY AND TRANSPORTATION.**

3 In paragraph (2) in the matter under the heading  
4 “Department of Transportation-Federal Highway Admin-  
5 istration” in title VIII of division J of the Infrastructure  
6 Innovation and Jobs Act (Public Law 117–58) is amend-  
7 ed—

8 (1) in the twenty-sixth proviso by striking “and  
9 (9)” and inserting “(9) developing technical assist-  
10 ance and best practices for the deployment of EV  
11 charging and hydrogen fueling in community based  
12 locations that support local EV use, including parks,  
13 multi-family housing, employment centers, commu-  
14 nity centers, shopping centers, and parking lots;  
15 (10) in conjunction with Federal agencies with juris-  
16 diction over broadband policy including the Depart-  
17 ment of Commerce, National Telecommunications  
18 and Information Administration, and Federal Com-  
19 munications Commission, developing technical assist-  
20 ance and best practices for reducing the cost and ac-  
21 celerating the deployment of broadband infrastruc-  
22 ture by minimizing the number and scale of repeated  
23 excavations for the installation and maintenance of  
24 broadband conduit or broadband infrastructure in  
25 rights-of-way where transportation projects are  
26 planned or underway; and (11)”;

1           (2) in the thirty-third proviso by striking the  
2           semicolon and inserting a colon; and

3           (3) by adding at the end the following: “*Pro-*  
4           *vided further*, that the Joint Office shall, in addition  
5           to the other duties listed in this paragraph, study,  
6           plan, coordinate, and implement issues of joint con-  
7           cern between the two agencies with respect to air-  
8           craft and airport decarbonization including at a min-  
9           imum: (1) research and technical assistance related  
10          to the development, certification, operation, and  
11          maintenance of sustainable aircraft, including elec-  
12          tric propulsion aircraft, medium and heavy duty  
13          transportation vehicles, and relevant equipment, in-  
14          cluding cargo handling equipment, buses, and ride-  
15          share vehicles, refueling and charging infrastructure,  
16          alternative sustainable low-carbon fuels including  
17          sustainable aviation fuels, biofuels, clean hydrogen,  
18          methanol and ammonia, and associated technologies  
19          critical to their deployment; (2) data sharing with  
20          respect to the installation, maintenance, and utiliza-  
21          tion of charging and refueling infrastructure at air-  
22          ports; (3) development and deployment of workforce  
23          training programs related to the development, con-  
24          struction, and maintenance of aircraft, port equip-  
25          ment, and charging and refueling infrastructure; (4)

1 transition from leaded fuel usage by commercial  
2 and general aviation; and (5) any other issues that  
3 the Secretary of Transportation and the Secretary  
4 identify as issues of joint interest: *Provided further*,  
5 that the Joint Office shall coordinate with Depart-  
6 ment of Transportation and Department of Energy  
7 offices with jurisdiction over aviation  
8 decarbonization, including the Department of Trans-  
9 portation Federal Aviation Administration, and the  
10 Department of Energy’s Bioenergy Technology Of-  
11 fice, Hydrogen and Fuel Cell Technologies Office,  
12 and Vehicle Technologies Office, as well as with  
13 other Federal agencies with jurisdiction including  
14 the Environmental Protection Agency, the National  
15 Aeronautics and Space Administration, the Depart-  
16 ment of Defense, including the Air Force and Space  
17 Force, and the Department of Agriculture, to  
18 streamline and coordinate efforts to reduce aero-  
19 space emissions: *Provided further*, that the Joint Of-  
20 fice shall, in addition to the other duties listed in  
21 this paragraph, study, plan, coordinate, and imple-  
22 ment issues of joint concern between the two agen-  
23 cies with respect to low or zero emissions vessels and  
24 ports, including at a minimum: (1) research and  
25 technical assistance related to the development, cer-

1 tification, operation, and maintenance of low or zero  
2 emission vessels, medium and heavy duty transpor-  
3 tation vehicles, and relevant port equipment, refuel-  
4 ing and charging infrastructure, power supply and  
5 distribution infrastructure, alternative sustainable  
6 low-carbon fuels and fueling infrastructure including  
7 biofuels, clean hydrogen, methanol and ammonia,  
8 and associated technologies critical to their deploy-  
9 ment; (2) data sharing with respect to the installa-  
10 tion, operation, maintenance, and utilization of  
11 charging and refueling infrastructure at ports and  
12 freight facilities; (3) development and deployment of  
13 workforce training programs related to the develop-  
14 ment, construction, and maintenance of vessels,  
15 equipment, and charging and refueling infrastruc-  
16 ture; (4) the development and establishment of green  
17 maritime corridors, including for shipping and  
18 cruises; and (5) any other issues that the Secretary  
19 of Transportation and the Secretary identify as  
20 issues of joint interest: *Provided further*, that the  
21 Joint Office shall coordinate with Department of  
22 Transportation and Department of Energy offices  
23 with jurisdiction over maritime transportation  
24 decarbonization, including the Department of Trans-  
25 portation Federal Maritime Administration, and the

1 Department of Energy’s Bioenergy Technology Of-  
2 fice, Office of Electricity, Grid Deployment Office,  
3 Hydrogen and Fuel Cell Technologies Office, Water  
4 Power Technologies Office, and Vehicle Technologies  
5 Office, as well as with other federal agencies with ju-  
6 risdiction including the Department of State, the  
7 Environmental Protection Agency, the Department  
8 of Defense, including the Navy, and the Coast  
9 Guard to streamline and coordinate efforts to reduce  
10 maritime emissions: *Provided further*, (1) The Office,  
11 in conjunction with the Department of State and the  
12 aforementioned agencies, shall provide a report to  
13 Congress identifying barriers to decarbonization of  
14 maritime vessels, including fueling availability and  
15 cost differential, technology research and develop-  
16 ment needs, vehicle availability, international co-  
17 operation, and other barriers not later than 180  
18 days after enactment: (2) The Office, in conjunction  
19 with the aforementioned agencies, shall provide a re-  
20 port to Congress with an analysis of economic and  
21 financial measures required to address barriers and  
22 increase zero emissions technology, infrastructure  
23 and clean fuels development, deployment, adoption  
24 and end use: *Provided further*, that the Joint Office  
25 shall coordinate with Department of Transportation

1 and Department of Energy offices with jurisdiction  
2 over medium and heavy duty transportation  
3 decarbonization, including the Department of Trans-  
4 portation Federal Highways Administration, Na-  
5 tional Highway Traffic Safety Administration, and  
6 Federal Motor Carrier Safety Administration, and  
7 the Department of Energy’s Bioenergy Technology  
8 Office, Hydrogen and Fuel Cell Technologies Office,  
9 and Vehicle Technologies Office, as well as other  
10 federal agencies with jurisdiction over medium and  
11 heavy duty transportation decarbonization, including  
12 the Environmental Protection Agency and Depart-  
13 ment of Homeland Security, to streamline and co-  
14 ordinate efforts to reduce emissions for freight  
15 transportation.

16 “(A) The Office shall provide a report to  
17 Congress identifying barriers to decarbonization  
18 of medium and heavy duty road transportation,  
19 including charging and fueling availability, tech-  
20 nology research and development needs, vehicle  
21 availability, battery and component cost and  
22 supply constraints, potential regulatory impedi-  
23 ments such as vehicle weight allowance and  
24 treatment of near-zero emissions technologies,

1 and other barriers not later than 180 days after  
2 enactment.

3 “(B) The Joint Office shall develop tech-  
4 nical assistance, and support research to sup-  
5 port the decarbonization of medium and heavy  
6 duty trucks and other freight transportation  
7 equipment and operations. The Joint Office  
8 shall support research, planning, and funding  
9 for charging and fueling infrastructure that  
10 supports medium and heavy duty vehicle elec-  
11 trification including high-powered charging de-  
12 pots, hydrogen fueling infrastructure, grid reli-  
13 ability solutions, smart charge management,  
14 and distributed energy resources, including in-  
15 tegration with on-site energy storage and re-  
16 newable energy generation.

17 “(C) The Joint Office shall identify and  
18 support the development and deployment of al-  
19 ternative sustainable low-carbon fuels including  
20 biofuels, clean hydrogen, methanol, and ammo-  
21 nia, and associated powertrain technologies, in-  
22 cluding batteries, fuel cells, and hydrogen inter-  
23 nal combustion engines.

24 *Provided further*, That the Joint Office of Energy and  
25 Transportation shall identify and prioritize technical as-



1 sistance, research, workforce development, and funding  
2 opportunities for industry education and outreach pro-  
3 grams to support the decarbonization of commercial motor  
4 vehicles and fleets transitioning to electric vehicles. (A)  
5 The Joint Office shall identify opportunities to support the  
6 wide scale adoption of zero- and near-zero emission vehi-  
7 cles in fleets, including identifying tools, resources, and  
8 funding to help fleet owners and operators transition to  
9 ZEV. (B) The Joint Office shall coordinate with stake-  
10 holders, including administrators of State grant programs,  
11 truck and engine manufacturers, trucking fleets, State  
12 trucking associations, electric ride hail providers, electric  
13 carshare operators, Clean Cities coalitions, Tribal nations,  
14 and PUCs, to identify opportunities to advance electrifica-  
15 tion and decarbonization of medium and heavy duty vehi-  
16 cles: *Provided further*, that the Joint Office of Energy and  
17 Transportation shall develop pathways, and provide rec-  
18 ommendations to Congress as necessary, to ensure avail-  
19 ability of low or zero emissions vehicles, vessels, and equip-  
20 ment critical to decarbonizing the transportation sector  
21 that are compliant with federal requirements for domestic  
22 sourcing: *Provided further*, that there are authorized to be  
23 appropriated for each of fiscal years 2024 through 2032  
24 such sums as are necessary to carry out this section.”.

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