

118TH CONGRESS
2D SESSION

H. R. 9212

To establish the Interagency Group on Large-Scale Carbon Management in the National Science and Technology Council and a Federal Carbon Removal Initiative, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

JULY 30, 2024

Ms. KUSTER (for herself, Mr. TONKO, and Mr. PETERS) introduced the following bill; which was referred to the Committee on Science, Space, and Technology, and in addition to the Committee on Energy and Commerce, 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

A BILL

To establish the Interagency Group on Large-Scale Carbon Management in the National Science and Technology Council and a Federal Carbon Removal Initiative, 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 “Removing Emissions
5 to Mend Our Vulnerable Earth Act of 2024” or the “RE-
6 MOVE Act of 2024”.

1 **SEC. 2. INTERAGENCY GROUP ON LARGE-SCALE CARBON**
2 **MANAGEMENT AND FEDERAL CARBON RE-**
3 **MOVAL INITIATIVE.**

4 (a) DEFINITION OF CARBON DIOXIDE REMOVAL.—
5 In this section, the term “carbon dioxide removal” means
6 the intentional capture of carbon dioxide directly from the
7 ambient air or upper hydrosphere, combined with the stor-
8 age of such carbon dioxide, that results in a net removal
9 of carbon dioxide from the atmosphere, as measured on
10 a lifecycle basis, including through—

- 11 (1) direct air capture and storage;
- 12 (2) enhanced carbon mineralization;
- 13 (3) biomass-based carbon dioxide removal;
- 14 (4) forest restoration;
- 15 (5) soil carbon management;
- 16 (6) ocean-based carbon dioxide removal; and
- 17 (7) any other approaches or methods identified
18 by the Interagency Group.

19 (b) INTERAGENCY GROUP ON LARGE-SCALE CARBON
20 MANAGEMENT.—

21 (1) ESTABLISHMENT.—

22 (A) IN GENERAL.—There is established in
23 the National Science and Technology Council
24 an interagency group on matters relating to
25 large-scale management of carbon.

1 (B) DESIGNATION.—The interagency
2 group established by subparagraph (A) shall be
3 known as the “Interagency Group on Large-
4 Scale Carbon Management” (in this section the
5 “Interagency Group”).

6 (C) MEMBERSHIP.—

7 (i) COMPOSITION.—The Interagency
8 Group shall be composed of the members
9 of the executive committee established
10 under subsection (c)(1) and such other
11 members as the executive committee con-
12 siders appropriate.

13 (ii) COCHAIRPERSONS.—The members
14 of the executive committee established by
15 subsection (c)(1) shall be cochairpersons of
16 the Interagency Group.

17 (iii) EVALUATION AND MODIFICA-
18 TION.—Not less frequently than once every
19 3 years, the National Science and Tech-
20 nology Council shall—

21 (I) evaluate the composition, ex-
22 ecutive committee, and cochairpersons
23 of the Interagency Group; and

24 (II) implement such changes re-
25 garding such composition, executive

1 committee, and cochairpersons as the
2 Council determines appropriate pursu-
3 ant to an evaluation under subclause
4 (I).

5 (2) DUTIES OF THE INTERAGENCY GROUP.—

6 The duties of the Interagency Group shall be as fol-
7 lows:

8 (A) Developing a strategic plan for Federal
9 research, development, and demonstration of
10 technological carbon dioxide removal (CDR)
11 and storage.

12 (B) Overseeing working groups established
13 under subsection (d).

14 (C) Coordinating research, project, and
15 budget planning for matters relating to re-
16 search, development, and demonstration de-
17 scribed in subparagraph (A).

18 (D) Identifying cost-effective carbon diox-
19 ide removal technologies that are suitable for
20 large-scale demonstration.

21 (E) Identifying accurate monitoring, car-
22 bon dioxide data collection, and long-term stor-
23 age protocols for carbon dioxide removal tech-
24 nologies, and assessing environmental and so-
25 cial impacts as well as co-benefits.

1 (F) Engaging an independent entity to
2 perform periodic evaluations of the working
3 groups established under subsection (d).

4 (c) EXECUTIVE COMMITTEE.—

5 (1) ESTABLISHMENT.—There is established in
6 the Interagency Group an executive committee.

7 (2) MEMBERSHIP.—The executive committee
8 established by paragraph (1) shall be composed of
9 the following:

10 (A) A senior official of the White House
11 Office of Science and Technology Policy se-
12 lected by the Director of the Office of Science
13 and Technology Policy.

14 (B) One senior official of the Department
15 of Energy selected by the Secretary of Energy.

16 (C) One senior official of the Department
17 of Agriculture selected by the Secretary of Agri-
18 culture.

19 (D) One senior official of the Department
20 of Defense selected by the Secretary of Defense.

21 (E) One senior official of the National
22 Oceanic and Atmospheric Administration se-
23 lected by the Administrator of the National
24 Oceanic and Atmospheric Administration.

1 (F) One senior official of the Environ-
2 mental Protection Agency selected by the Ad-
3 ministrator of the Environmental Protection
4 Agency.

5 (d) WORKING GROUPS AND CARBON REMOVAL INI-
6 TIATIVE.—

7 (1) ESTABLISHMENT.—

8 (A) IN GENERAL.—The Interagency Group
9 shall establish working groups in accordance
10 with paragraph (2) which shall carry out an ini-
11 tiative on technological and detailed research,
12 development, and demonstration of carbon diox-
13 ide removal technology.

14 (B) DESIGNATION OF INITIATIVE.—The
15 initiative carried out under subparagraph (A)
16 shall be known as the “Carbon Removal Initia-
17 tive”.

18 (2) WORKING GROUP FOCI.—The working
19 groups established under paragraph (1) are as fol-
20 lows:

21 (A) OCEANS.—

22 (i) IN GENERAL.—One working group
23 to focus on matters relating to carbon di-
24 oxide removal from the oceans and coastal
25 regions.

1 (ii) MEMBERSHIP.—The working
2 group described in clause (i) shall be com-
3 posed of 7 members as follows:

4 (I) One individual selected by the
5 Administrator of the National Oceanic
6 and Atmospheric Administration from
7 among employees of the National Oce-
8 anic and Atmospheric Administration.

9 (II) One individual selected by
10 the Administrator of the National
11 Aeronautics and Space Administration
12 from among employees of the Na-
13 tional Aeronautics and Space Admin-
14 istration.

15 (III) One individual selected by
16 the Secretary of Defense from among
17 employees of the Department of De-
18 fense.

19 (IV) One individual selected by
20 the Director of the National Science
21 Foundation from among employees of
22 the National Science Foundation.

23 (V) Two individuals selected by
24 the Secretary of the Interior from

1 among employees of the Department
2 of the Interior.

3 (VI) One individual selected by
4 the Administrator of the Environ-
5 mental Protection Agency from among
6 employees of the Environmental Pro-
7 tection Agency.

8 (iii) COCHAIRPERSONS.—The individ-
9 uals selected under subclauses (I) and (IV)
10 of clause (ii) shall serve as cochairpersons
11 of the working group established under
12 clause (i).

13 (B) TERRESTRIAL.—

14 (i) IN GENERAL.—One working group
15 to focus on terrestrial and biological mat-
16 ters relating to carbon dioxide removal.

17 (ii) MEMBERSHIP.—The working
18 group described in clause (i) shall be com-
19 posed of 6 members as follows:

20 (I) Two individuals, one of whom
21 shall be selected by the Secretary of
22 Agriculture from among employees of
23 the Department of Agriculture and
24 one of whom shall be selected by the
25 Chief of the Forest Service from

1 among employees of the Forest Serv-
2 ice.

3 (II) One individual selected by
4 the Secretary of Energy from among
5 employees of the Department of En-
6 ergy.

7 (III) One individual selected by
8 the Secretary of the Interior from
9 among employees of the Department
10 of the Interior.

11 (IV) One individual selected by
12 the Director of the National Science
13 Foundation from among employees of
14 the National Science Foundation.

15 (V) One individual selected by
16 the Administrator of the Environ-
17 mental Protection Agency from among
18 employees of the Environmental Pro-
19 tection Agency.

20 (iii) COCHAIRPERSONS.—The individ-
21 uals selected under subclauses (I) and (II)
22 of clause (ii) shall serve as cochairpersons
23 of the working group established under
24 clause (i).

25 (C) GEOLOGICAL.—

1 (i) IN GENERAL.—One working group
2 to focus on geological matters relating to
3 carbon dioxide removal and storage.

4 (ii) MEMBERSHIP.—The working
5 group described in clause (i) shall be com-
6 posed of 4 members as follows:

7 (I) One individual selected by the
8 Secretary of Energy from among em-
9 ployees of the Department of Energy.

10 (II) One individual selected by
11 the Secretary of the Interior from
12 among employees of the United States
13 Geological Survey.

14 (III) One individual selected by
15 the Director of the National Science
16 Foundation from among employees of
17 the National Science Foundation.

18 (IV) One individual selected by
19 the Administrator of the Environ-
20 mental Protection Agency from among
21 employees of the Environmental Pro-
22 tection Agency.

23 (iii) COCHAIRPERSONS.—The individ-
24 uals selected under subclauses (I) and (II)
25 of clause (ii) shall serve as cochairpersons

1 of the working group established under
2 clause (i).

3 (D) TECHNOLOGICAL.—

4 (i) IN GENERAL.—One working group
5 to focus on technological matters relating
6 to carbon dioxide removal.

7 (ii) MEMBERSHIP.—The working
8 group described in clause (i) shall be com-
9 posed of 7 members as follows:

10 (I) One individual selected by the
11 Secretary of Energy from among em-
12 ployees of the Department of Energy.

13 (II) One individual selected by
14 the Secretary of Defense from among
15 employees of the Department of De-
16 fense.

17 (III) One individual selected by
18 the Administrator of the National
19 Aeronautics and Space Administration
20 from among employees of the Na-
21 tional Aeronautics and Space Admin-
22 istration.

23 (IV) One individual selected by
24 the Director of the National Science

1 Foundation from among employees of
2 the National Science Foundation.

3 (V) One individual selected by
4 the Secretary of Commerce from
5 among employees of the National In-
6 stitute of Standards and Technology.

7 (VI) One individual selected by
8 the Administrator of the Environ-
9 mental Protection Agency from among
10 employees of the Environmental Pro-
11 tection Agency.

12 (VII) One individual selected by
13 the Secretary of Transportation from
14 among employees of the Department
15 of Transportation.

16 (iii) COCHAIRPERSONS.—The individ-
17 uals selected under subclauses (I) and (III)
18 of clause (ii) shall serve as cochairpersons
19 of the working group established under
20 clause (i).

21 (3) EVALUATION AND MODIFICATION.—Not less
22 frequently than once every 3 years, the National
23 Science and Technology Council shall—

24 (A) evaluate the working groups estab-
25 lished pursuant to paragraph (1); and

1 (B) implement such changes regarding the
2 working groups as the Council determines ap-
3 propriate pursuant to an evaluation under sub-
4 paragraph (A).

5 (e) ANNUAL BUDGET CROSSCUT REVIEW.—

6 (1) IN GENERAL.—Not less frequently than
7 once each year, the Director of the Office of Man-
8 agement and Budget shall assist in the coordination
9 of the initiative carried out under subsection
10 (d)(1)(A) by conducting a budget crosscut review—

11 (A) to ensure that budget proposals from
12 members of the working groups established
13 under such subsection are integrated with the
14 overall budget for each Federal department and
15 agency participating in such working groups;
16 and

17 (B) to ensure that the various staff of the
18 Office of Management and Budget review and
19 act on Federal department and agency budget
20 proposals for research, development, and dem-
21 onstration of carbon dioxide removal technology
22 in a holistic fashion.

23 (2) SUBMITTAL TO CONGRESS.—Along with
24 each submission of the President pursuant to section
25 1105 of title 31, United States Code, the Director

1 shall submit to Congress a report on the findings of
2 the Director with respect to the most recently com-
3 pleted budget crosscut review under paragraph (1).

○