

MAR 08 2024

SENATE RESOLUTION

REQUESTING THE OFFICE OF PLANNING AND SUSTAINABLE DEVELOPMENT TO
CONVENE A WORKING GROUP TO DEVELOP RECOMMENDATIONS TO
EXPAND BLUE CARBON INITIATIVES IN THE STATE.

1 WHEREAS, blue carbon is a term used to describe the carbon
2 sequestered within marine and coastal ecosystems; and

3
4 WHEREAS, the conservation and restoration of blue carbon
5 ecosystems, such as mangroves, seagrasses, and salt marshes,
6 have been recognized as effective nature-based solutions for
7 sequestering carbon dioxide, acting as carbon sinks, and
8 mitigating greenhouse gas emissions; and

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10 WHEREAS, Hawaii is committed to addressing climate change
11 and achieving carbon sequestration goals, including reducing
12 greenhouse gas emissions and protecting coastal ecosystems; and

13
14 WHEREAS, the southeastern Australian state of New South
15 Wales recently launched the New South Wales Blue Carbon Strategy
16 2022-2027, a landmark international framework for supporting and
17 restoring coastal biodiversity and ecosystems while
18 simultaneously working toward emissions reduction; and

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20 WHEREAS, the G7 Climate, Energy, and Environment Ministers'
21 Communique issued on April 16, 2023, affirmed the importance of
22 nature-based solutions, including blue carbon programs, in
23 halting and reversing biodiversity loss, mitigating the impacts
24 of climate change, and preserving and enhancing carbon sinks;
25 and

26
27 WHEREAS, marine ecologist Carlos Duarte of King Abdullah
28 University of Science and Technology has suggested that as much
29 as fifteen percent of target greenhouse gas emissions may be
30 removed through blue carbon strategies; and

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1 WHEREAS, analyzing global blue carbon initiatives could
2 maximize the potential for these programs to contribute to local
3 carbon sequestration and climate change mitigation efforts; and
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5 WHEREAS, understanding existing blue carbon efforts that
6 are already underway in the State, their role in greenhouse gas
7 mitigation, and the environmental benefits of expanding support
8 for blue carbon initiatives is necessary to inform future policy
9 and investment decisions; and
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11 WHEREAS, developing a standardized method for measuring
12 carbon sequestration achieved through blue carbon projects will
13 facilitate accurate monitoring and reporting of their carbon
14 sequestration potential; and
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16 WHEREAS, the establishment of a working group comprised of
17 relevant stakeholders, including government agencies,
18 environmental organizations, researchers, and community
19 representatives, will ensure a collaborative and inclusive
20 approach to developing recommendations to expand blue carbon
21 efforts in the State; now, therefore,
22

23 BE IT RESOLVED by the Senate of the Thirty-second
24 Legislature of the State of Hawaii, Regular Session of 2024,
25 that the Office of Planning and Sustainable Development is
26 requested to convene a working group to develop recommendations
27 to expand blue carbon initiatives in the State; and
28

29 BE IT FURTHER RESOLVED that the working group is requested
30 to consist of the following members:
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- 32 (1) The Director of the Office of Planning and Sustainable
33 Development, or the Director's designee, to serve as
34 Chairperson of the working group;
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- 36 (2) The Director of Land and Natural Resources, or the
37 Director's designee;
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- 39 (3) The Chief Energy Officer of the Hawaii State Energy
40 Office, or the Chief Energy Officer's designee;
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- 1 (4) One member of the House of Representatives, to be
2 appointed by the Speaker of the House of
3 Representatives;
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- 5 (5) One member of the Senate, to be appointed by the
6 President of the Senate;
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- 8 (6) One representative from a nonprofit public interest
9 organization specializing in Hawaiian rights, as
10 invited by the Chairperson;
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- 12 (7) One representative from a nonprofit public interest
13 organization specializing in environmental
14 preservation, as invited by the Chairperson;
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- 16 (8) One representative from a nonprofit public interest
17 organization specializing in climate change mitigation
18 and renewable energy, as invited by the Chairperson;
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- 20 (9) One faculty member from the University of Hawaii
21 School of Ocean and Earth Science and Technology with
22 expertise in the role of oceans in absorbing carbon
23 emissions, to be appointed by the President of the
24 University of Hawaii System; and
25
- 26 (10) Other relevant stakeholders as recommended by the
27 working group and invited by the Chairperson; and
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29 BE IT FURTHER RESOLVED that the working group is requested
30 to consider the:

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- 32 (1) Performance of current blue carbon initiatives in the
33 State and abroad, and how these initiatives may be
34 expanded or implemented to strengthen the State's
35 carbon sequestration efforts;
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- 37 (2) Role of carbon sinks in advancing greenhouse gas
38 mitigation efforts;
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- 40 (3) Development of a carbon sequestration measurement
41 method for blue carbon projects in the State;
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- 1 (4) New South Wales Blue Carbon Strategy 2022-2027 and
- 2 other national and international blue carbon
- 3 initiatives, roadmaps, and frameworks; and
- 4
- 5 (5) Any other issue that the working group determines to
- 6 be relevant for evaluating the potential of blue
- 7 carbon projects to enhance the State's climate change
- 8 mitigation and clean economy goals; and
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10 BE IT FURTHER RESOLVED that the working group is requested
 11 to submit a report of its findings and recommendations on blue
 12 carbon initiatives, including any proposed legislation, to the
 13 Legislature no later than twenty days prior to the convening of
 14 the Regular Session of 2025; and

15
 16 BE IT FURTHER RESOLVED that certified copies of this
 17 Resolution be transmitted to the Governor, Lieutenant Governor,
 18 Director of Land and Natural Resources, President of the
 19 University of Hawaii System, Director of the Office of Planning
 20 and Sustainable Development, and Chief Energy Officer of the
 21 Hawaii State Energy Office.

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OFFERED BY: 

