

116TH CONGRESS  
2D SESSION

# H. R. 6927

To require the Secretary of Commerce to conduct a study on new and advanced materials, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

MAY 19, 2020

Mr. BUCSHON introduced the following bill; which was referred to the Committee on Energy and Commerce, and in addition to the Committees on Science, Space, and Technology, and Foreign Affairs, 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 require the Secretary of Commerce to conduct a study on new and advanced materials, 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 “Advancing New and  
5 Advanced Materials Act”.

6 **SEC. 2. STATE OF NEW AND ADVANCED MATERIALS IN THE**  
7 **UNITED STATES STUDY.**

8 (a) IN GENERAL.—

1           (1) STUDY REQUIRED.—Not later than 2 years  
2 after the date of the enactment of this Act, the Sec-  
3 retary of Commerce, in coordination with the head  
4 of any other appropriate Federal agency, shall con-  
5 duct a study on the impact of new and advanced  
6 materials, including synthetically derived or en-  
7 hanced natural properties, on United States busi-  
8 nesses conducting interstate commerce.

9           (2) REQUIREMENTS FOR STUDY.—In con-  
10 ducting the study, the Secretary shall do the fol-  
11 lowing:

12                   (A) Conduct a survey through outreach to  
13 participating entities to—

14                           (i) establish a list of the industry sec-  
15 tors that develop, use, or rely on new and  
16 advanced materials;

17                           (ii) review how new and advanced ma-  
18 terials are currently being used, as well as  
19 any potential applications of such mate-  
20 rials;

21                           (iii) identify any challenges to the de-  
22 velopment and adoption of new and ad-  
23 vanced materials; and

24                           (iv) review how such materials may be  
25 used to—

- 1 (I) advance new products;  
2 (II) disrupt established patterns  
3 of commerce;  
4 (III) enhance infrastructure;  
5 (IV) develop new energy tech-  
6 nologies; and  
7 (V) any other potential use of  
8 such materials.

9 (B) Develop and conduct a survey of Fed-  
10 eral activity related to new and advanced mate-  
11 rials to—

12 (i) establish a list of Federal agencies  
13 asserting jurisdiction over industry sectors  
14 identified under subparagraph (A)(i);

15 (ii) develop a brief description of the  
16 jurisdiction and expertise of the Federal  
17 agencies regarding new and advanced ma-  
18 terials;

19 (iii) identify all interagency activities  
20 regarding new and advanced materials;  
21 and

22 (iv) identify each Federal rule, regula-  
23 tion, guideline, policy, and Federal policy  
24 implemented by each Federal agency re-  
25 garding new and advanced materials.

1           (C) Conduct an international survey of  
2 other countries to establish a compendium at  
3 least 10 and not more than 15 countries con-  
4 sisting of each country's national strategy on  
5 new and advanced materials to determine where  
6 the United States ranks with respect to the  
7 adoption of such materials.

8           (D) Conduct a survey of the marketplace  
9 and supply chain of new and advanced mate-  
10 rials to—

11                 (i) assess the severity of risks posed  
12 to such marketplace and supply chain;

13                 (ii) review the ability of foreign gov-  
14 ernments or third parties to exploit such  
15 supply chain in a manner that raises risks  
16 to the economic and national security of  
17 the United States; and

18                 (iii) identify emerging risks and long-  
19 term trends in such marketplace and sup-  
20 ply chain.

21           (b) REPORT TO CONGRESS.—Not later than 6  
22 months after the completion of the study required pursu-  
23 ant to subsection (a), the Secretary, in coordination with  
24 the head of any other appropriate Federal agency, shall  
25 submit to the Committee on Energy and Commerce of the

1 House of Representatives and the Committee on Com-  
2 merce, Science, and Transportation of the Senate a report  
3 that contains—

4 (1) the results of the study conducted under  
5 subsection (a); and

6 (2) recommendations to—

7 (A) address any duplicative Federal rule,  
8 regulation, guideline, policy, and other Federal  
9 activity acting as a barrier to the adoption of  
10 new and advanced materials;

11 (B) develop and implement a comprehen-  
12 sive plan to promote the adoption of new and  
13 advanced materials in the United States;

14 (C) develop policies that States can adopt  
15 to encourage the adoption of new and advanced  
16 materials;

17 (D) develop a national strategy to advance  
18 the position in the world of business sectors in  
19 the United States on the adoption of new and  
20 advanced materials;

21 (E) develop strategies to mitigate current  
22 and emerging risks to the marketplace and sup-  
23 ply chain of new and advanced materials; and

- 1 (F) develop legislation to accomplish such
- 2 recommendations.

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