

113TH CONGRESS  
1ST SESSION

# S. 1709

To require the Committee on Technology of the National Science and Technology Council to develop and update a national manufacturing competitiveness strategic plan, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

NOVEMBER 14, 2013

Mr. KIRK (for himself, Mr. COONS, Mr. BROWN, and Mr. BLUNT) introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

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## A BILL

To require the Committee on Technology of the National Science and Technology Council to develop and update a national manufacturing competitiveness strategic plan, 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 “American Manufac-  
5       turing Competitiveness Act of 2013”.

1 **SEC. 2. NATIONAL MANUFACTURING COMPETITIVENESS**  
2 **STRATEGIC PLAN.**

3 Section 102 of the America COMPETES Reauthor-  
4 ization Act of 2010 (42 U.S.C. 6622) is amended—

5 (1) in subsection (b), by striking paragraph (7)  
6 and inserting the following:

7 “(7) develop and update a national manufac-  
8 turing competitiveness strategic plan in accordance  
9 with subsection (c).”; and

10 (2) by striking subsection (c) and inserting the  
11 following:

12 “(c) NATIONAL MANUFACTURING COMPETITIVENESS  
13 STRATEGIC PLAN.—

14 “(1) IN GENERAL.—Not later than 1 year after  
15 the date of the enactment of the American Manufac-  
16 turing Competitiveness Act of 2013, the President  
17 shall submit to Congress, and publish on an Internet  
18 website that is accessible to the public, the strategic  
19 plan developed under paragraph (2).

20 “(2) DEVELOPMENT.—The Committee shall de-  
21 velop (and update as required under paragraph (8)),  
22 in coordination with the National Economic Council,  
23 a strategic plan to improve Government coordination  
24 and provide long-term guidance for Federal pro-  
25 grams and activities in support of United States

1 manufacturing competitiveness, including advanced  
2 manufacturing research and development.

3 “(3) COMMITTEE CHAIRPERSON.—In developing  
4 and updating the strategic plan, the Secretary of  
5 Commerce, or a designee of the Secretary, shall  
6 serve as the chairperson of the Committee.

7 “(4) GOALS.—The goals of such strategic plan  
8 shall be to—

9 “(A) promote growth, job creation, sus-  
10 tainability, and competitiveness in the United  
11 States manufacturing sector;

12 “(B) support the development of a skilled  
13 manufacturing workforce;

14 “(C) enable innovation and investment in  
15 domestic manufacturing; and

16 “(D) support national security.

17 “(5) CONTENTS.—Such strategic plan shall—

18 “(A) specify and prioritize near-term and  
19 long-term objectives to meet the goals of the  
20 plan, including research and development objec-  
21 tives, the anticipated timeframe for achieving  
22 the objectives, and the metrics for use in assess-  
23 ing progress toward the objectives;

24 “(B) describe the progress made in achiev-  
25 ing the objectives from prior strategic plans, in-

1 including a discussion of why specific objectives  
2 were not met;

3 “(C) specify the role, including the pro-  
4 grams and activities, of each relevant Federal  
5 agency in meeting the objectives of the strategic  
6 plan;

7 “(D) describe how the Federal agencies  
8 and federally funded research and development  
9 centers supporting advanced manufacturing re-  
10 search and development will foster the transfer  
11 of research and development results into new  
12 manufacturing technologies and United States  
13 based manufacturing of new products and proc-  
14 esses for the benefit of society to ensure na-  
15 tional, energy, and economic security;

16 “(E) describe how such Federal agencies  
17 and centers will strengthen all levels of manu-  
18 facturing education and training programs to  
19 ensure an adequate, well-trained workforce;

20 “(F) describe how such Federal agencies  
21 and centers will assist small- and medium-sized  
22 manufacturers in developing and implementing  
23 new products and processes;

1           “(G) take into consideration and include a  
2 discussion of the analysis conducted under  
3 paragraph (6); and

4           “(H) solicit public input (which may be ac-  
5 complished through the establishment of an ad-  
6 visory panel under paragraph (7)), including  
7 the views of a wide range of stakeholders, and  
8 consider relevant recommendations of Federal  
9 advisory committees.

10           “(6) PRELIMINARY ANALYSIS.—

11           “(A) IN GENERAL.—As part of developing  
12 such strategic plan, the Committee, in collabo-  
13 ration with Federal departments and agencies  
14 whose missions contribute to or are affected by  
15 manufacturing, shall conduct an analysis of fac-  
16 tors that impact the competitiveness and  
17 growth of the United States manufacturing sec-  
18 tor, including—

19                   “(i) research, development, innova-  
20 tion, transfer of technologies to the mar-  
21 ketplace, and commercialization activities  
22 in the United States;

23                   “(ii) the adequacy of the industrial  
24 base for maintaining national security;

1 “(iii) the state and capabilities of the  
2 domestic manufacturing workforce;

3 “(iv) export opportunities and domes-  
4 tic trade enforcement policies;

5 “(v) financing, investment, and tax-  
6 ation policies and practices;

7 “(vi) the state of emerging tech-  
8 nologies and markets; and

9 “(vii) efforts and policies related to  
10 manufacturing promotion undertaken by  
11 competing nations.

12 “(B) RELIANCE ON EXISTING INFORMA-  
13 TION.—To the extent practicable, in completing  
14 the analysis under subparagraph (A), the Com-  
15 mittee shall use existing information and the re-  
16 sults of previous studies and reports.

17 “(7) ADVISORY PANEL.—

18 “(A) ESTABLISHMENT.—The chairperson  
19 of the Committee may appoint an advisory  
20 panel of private sector and nonprofit leaders to  
21 provide input, perspective, and recommenda-  
22 tions to assist in the development of the stra-  
23 tegic plan under this subsection.

24 “(B) MEMBERSHIP.—The panel shall have  
25 no more than 15 members, and shall include

1           representatives of manufacturing businesses,  
2           labor representatives of the manufacturing  
3           workforce, academia, and groups representing  
4           interests affected by manufacturing activities.

5           “(C) APPLICATION OF FEDERAL ADVISORY  
6           COMMITTEE ACT.—The Federal Advisory Com-  
7           mittee Act (5 U.S.C. App.), other than section  
8           14 of such Act, shall apply to the Advisory  
9           Panel.

10          “(8) UPDATES.—Not later than May 1, 2018,  
11          and not less frequently than once every 4 years  
12          thereafter, the President shall submit to Congress,  
13          and publish on an Internet website that is accessible  
14          to the public, an update of the strategic plan trans-  
15          mitted under paragraph (1). Such updates shall be  
16          developed in accordance with the procedures set  
17          forth under this subsection.

18          “(9) REQUIREMENT TO CONSIDER STRATEGY IN  
19          THE BUDGET.—In preparing the budget for a fiscal  
20          year under section 1105(a) of title 31, United States  
21          Code, the President shall include information re-  
22          garding the consistency of the budget with the goals  
23          and recommendations included in the strategic plan

1 developed under this subsection applying to that fis-  
2 cal year.”.

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