**Request for Information**

# National Strategic Plan for Advanced Manufacturing

**Last day to submit the responses: March 7, 2018**

### Introduction

The National Science and Technology Council, Subcommittee on Advanced Manufacturing (NSTC SAM) seeks public input as it develops a National Strategic Plan for Advanced Manufacturing. The goal is to improve government coordination and provide long-term guidance for federal programs and activities in support of United States manufacturing competitiveness, including advanced manufacturing research and development over the next five to ten years.

Members of the public, including stakeholders from industry, academia, and nonprofits active in advanced manufacturing, are invited to provide input to support development of the National Strategic Plan for Advanced Manufacturing.

This information will only be used as input to the National Strategic Plan. NSTC may post responses to this RFI, without change, on a Federal website; therefore, no business proprietary information, copyrighted information, or personally identifiable information should be submitted in response to this RFI.

### Instructions

This template is designed to facilitate responses to the RFI. Use of this form is optional.

It is not required to fill out all of the sections, for example a participant may elect to only provide input on one question.

Save and email it to [amnpo@nist.gov.](mailto:amnpo@nist.gov)

# Contact Information

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| Full Name |  |
| Email address |  |
| Company Name |  |

# Questions

1. In priority order, what should be the near-term and long-term objectives for advanced manufacturing, including R&D objectives, the anticipated time frame for achieving the objectives, and the metrics for use in assessing progress toward the objectives?

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1. How can Federal agencies and federally funded R&D centers supporting advanced manufacturing R&D foster the transfer of R&D results into new manufacturing technologies and United States-based manufacturing of new products and processes for the benefit of society to ensure national, energy, and economic security? What role can public-private partnerships play, and how should they be structured for maximum impact?

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1. What innovative tools, platforms, and technologies are needed for advances in manufacturing? Of those that already exist, what are the barriers to their adoption?

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1. How can such Federal agencies and centers develop and strengthen all levels of manufacturing education and training programs to ensure an adequate, well-trained U.S. workforce for the new advanced manufacturing jobs of the future?

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1. How can such Federal agencies and centers assist small and medium-sized manufacturers in developing and implementing new products and processes?

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1. How would you assess the state of the following factors and how they impact innovation and competitiveness for United States advanced manufacturing?
   1. technology transfer and commercialization activities;

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* 1. the adequacy of the national security industrial base;

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* 1. the capabilities of the domestic manufacturing workforce;

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* 1. export opportunities and trade policies;

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* 1. financing, investment, and taxation policies and practices;

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* 1. federal regulations;

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* 1. emerging technologies and markets;

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* 1. advanced manufacturing research and development undertaken by competing nations; and

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* 1. the capabilities of the manufacturing workforce of competing nations.

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1. Is there any additional information related to advanced manufacturing in the United States, not requested above, that you believe OSTP should consider?

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## Thank you for your time and participation.