

# Options for a National Plan for Smart Manufacturing – Committee Meeting 2: Sponsor Discussion

December 7, 2022

1pm – 2pm ET

[Smart Manufacturing Study Project Page Link](#)

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## **Meeting Agenda:**

### **Open Session**

- 1300 – 1310** Welcome, Introductions, and Opening Remarks
- Erik Svedberg, Scholar
  - Michelle Schwalbe, NMMB Director
  - Tom Kurfess, Chair
- 1210 – 1345** Discussion with Office of Energy Efficiency & Renewable Energy
- Sudarsan Rachuri
  - Robert Bartolo

### **Closed Session (Committee and Staff Only)**

- 1345 – 1400** Study Planning Discussion
- 1400** Adjourn

## **Study Statement of Task:**

A National Academies of Sciences, Engineering, and Medicine-appointed ad hoc committee will develop options for a national plan for smart manufacturing technology development and deployment. The committee's report will examine technical frameworks and processes, identify possible timelines and necessary resources, and explore policies and general roles for government, industry, and academia to address near-, medium-, and long-term challenges to improve the productivity and energy efficiency of the manufacturing sector of the United States and ensure U.S. competitiveness. A particular focus will be given to system integration issues, including incorporating manufacturing science, materials science, energy science, and other critical domains.

For information gathering and community engagement, the committee will plan and organize three workshops on the following topics: (1) state of the art smart manufacturing and future directions and needs; (2) potential broader impacts of smart manufacturing; and (3) education, training, and workforce needs for smart manufacturing. Videos and materials from these public workshops will be posted online. The input received during these workshops will serve as input for the final consensus study report.