

3. 米国の将来のためのものづくり革新技術

(Securing the Future of Advanced Manufacturing in the United States)

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概要：

米国はこの数年間で国家製造革新ネットワーク(National Network for Manufacturing Innovation)を構築してきている。特定の技術に焦点を当てた産学連携のための15の研究所を設立しつつあり、先端技術を活用した持続的生産を追及しようとしている。

Abstract:

Over the last several years, the U.S. has introduced the National Network for Manufacturing Innovation (or Manufacturing USA). Through this initiative, the federal government has/will establish 15 manufacturing institutes that are public-private partnerships, each directed at a distinct technology focus area. Manufacturing USA has the goal of securing America's future through manufacturing innovation, education, and collaboration. In addition, work will be discussed that seeks to promote more sustainable manufacturing via emerging high-tech advancements such as smart technologies.