



**American
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Kevin M. Dempsey

President and Chief Executive Officer

September 23, 2021

SUBMITTED VIA EMAIL TO Decarb-Insititute@ee.doe.gov

U.S. Department of Energy
Office of Energy Efficiency & Renewable Energy
Advanced Manufacturing Office (AMO)
Forrestal Building
1000 Independence Avenue, SW
Washington, DC 20585

Re: DE-FOA-0002564 Request for Information on Establishing a New
Manufacturing Institute

To Whom It May Concern:

The American Iron and Steel Institute (AISI) is pleased to submit the following comments to the Department of Energy's Advanced Manufacturing Office (AMO) Request for Information (RFI) to refine the scope of a potential new Clean Energy Manufacturing Institute (CEMI) [DE-FOA-0002564] (July 27, 2021).

AISI serves as the voice of the American steel industry in the public policy arena and advances the case for steel in the marketplace as the preferred material of choice. AISI is comprised of steel producing member companies, including integrated and electric furnace steelmakers, and associate members who are suppliers to or customers of the steel industry.

The American steel industry is the cleanest and most energy efficient of the leading steel industries in the world. Of the seven largest steel producing countries, the U.S. has the lowest CO₂ emissions per ton of steel produced and the lowest energy intensity. Additionally, steel producers in the U.S. are undertaking significant efforts to further reduce greenhouse gas (GHG) emissions and the consumption of energy. These developments include advancements in domestic production using direct reduced iron (DRI) and hot

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briquetted iron (HBI), increased use of renewable electricity and research to assess the use of carbon capture technology and hydrogen in the steelmaking process.

AISI understands that the Association for Iron & Steel Technology (AIST) is submitting a detailed response to the AMO Request for Information on the establishment of a CEMI for the Decarbonization of Steel and Metals Manufacturing. AIST is the American steel industry's technical association in Pittsburgh, PA, whose mission is to advance the technical development, production, processing and application of iron and steel. AISI urges the AMO to give the AIST response careful consideration and we support the proposal that AIST serve as the convening organization for a CEMI focused on steel and metals production, as we believe it is best positioned to achieve the shared goals of the AMO and the American steel industry.

Sincerely,

A handwritten signature in black ink that reads "Kevin M. Dempsey". The signature is written in a cursive style with a large initial 'K' and a long, sweeping underline.

Kevin M. Dempsey
President and Chief Executive Officer