AIChE and IChemE Announce Alliance on Hydrogen

Global chemical engineering societies will collaborate to support industry's adoption of hydrogen as an energy carrier in the drive to net zero

NEW YORK, NY, May 10, 2023 — The American Institute of Chemical Engineers (AIChE) and the Institution of Chemical Engineers (IChemE) — two leading professional societies dedicated to advancing the application of chemical engineering expertise internationally — have signed a letter of intent to collaborate on building a global alliance centered on the use of hydrogen. The partnership will bolster the professional societies' shared interest in supporting industry in the adoption of hydrogen as an energy carrier for industrial and commercial applications that will form a vital part of the road to net zero greenhouse gas emissions.

The letter of intent was signed on May 10, 2023, by Billy B. Bardin, AIChE's 2023 President and Global Climate Transition Director at Dow, and Trish Kerin, Director of the IChemE Safety Center, during the 2023 World Hydrogen Summit and Exhibition, taking place May 9–11 in Rotterdam, The Netherlands.

As part of the agreement, AIChE and IChemE will collaborate on a series of roadmapping activities and will solicit contributions from knowledgeable stakeholders such as manufacturers, academic and research institutions, technology and engineering providers, government entities, transportation experts, and end-users of hydrogen.

On the occasion of the signing, AIChE's Bardin said, "AIChE is pleased to join with the leaders and constituents of IChemE as we bring together the knowledge and acumen of our global networks of chemical engineers to advance hydrogen applications in support of industrial decarbonization. As part of this work, we look forward to building new and mutually beneficial collaborations with participants in the larger hydrogen and chemical engineering communities."

David Bogle, IChemE's President for 2022–2023, said "I am excited for IChemE to be working with AIChE in this alliance. Hydrogen has a vital role to play in the world's efforts to deal with climate change and chemical engineers will be central to ensuring it is produced as efficiently, sustainably and safely as possible. Collaborating with others allows us to achieve more, and I'm extremely pleased that IChemE and AIChE have agreed to work on this issue together."

Hydrogen represents a promising, clean energy carrier for industry and transportation in the global transition toward net zero greenhouse gas emissions. Its adoption will require

contributions from engineers and scientists across disciplines, as well as from government agencies, to create cost-efficient, safe, and sustainable means of hydrogen production, distribution, storage, and use, and to help industry and consumers transition safely and smoothly to a future where hydrogen is a commonly-used resource.

If you would like to participate in the roadmapping project, complete the form found at: https://aiche.formstack.com/forms/icheme_aiche_hydrogen_alliance.

To learn more about the AIChE–IChemE alliance on hydrogen, contact:

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Photo caption: *Trish Kerin (left), Director of the IChemE Safety Center, and Billy B. Bardin (right), President of AIChE, signed a letter of intent to collaborate on a global alliance centered on the use of hydrogen. The signing took place on May 10, 2023, at the World Hydrogen Summit and Exhibition in The Netherlands. [Photo credit: © Bernal Revert]*

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About AIChE: Established in 1908, AIChE is a professional society of 60,000 chemical engineers in 110 countries. Its members work in corporations, universities and government using their knowledge of chemical processes to develop safe and useful products for the benefit of society. Through its varied programs, AIChE continues to be a focal point for information exchange on the frontiers of chemical engineering research in such areas as energy, sustainability, biological and environmental engineering, nanotechnology and chemical plant safety and security. More information about AIChE is available at www.aiche.org.

About IChemE: The Institution of Chemical Engineers (IChemE) advances chemical engineering's contribution worldwide for the benefit of society. Based in the UK, the institution facilitates the development of chemical engineering professionals and provides connections to a powerful network of around 30,000 members in more than 100 countries. IChemE supports its members in applying their expertise and experience to make an influential contribution to solving major global challenges, and is the only organisation permitted to award Chartered Chemical Engineer status and Professional Process Safety Engineer registration. For more information, visit www.icheme.org.

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