March 22, 2021

President Joseph R. Biden, Jr.
1600 Pennsylvania Avenue NW
Washington, D.C. 20500

Dear President Biden:

We, the undersigned members of the Clean Hydrogen Future Coalition, congratulate you on your victory in the 2020 Presidential election and wish you success in addressing the challenges facing our nation today.

The Clean Hydrogen Future Coalition represents a diverse group of stakeholders who support clean hydrogen as a critical pathway to global decarbonization and increased U.S. economic competitiveness. As you "Build Back Better" by investing in our nation's infrastructure, we urge your administration to include a role for clean hydrogen.

Clean hydrogen can create skilled, high-paying jobs to support America's energy transition. Our country already possesses the infrastructure and proficiency across our supply chains to invest in a clean hydrogen economy. Doing so will allow industry to create new high-wage jobs, transition existing jobs, use or retrofit existing infrastructure, and apply expertise accrued across multiple industrial sectors to produce, transport, and use clean hydrogen.

Clean hydrogen will accelerate decarbonization of our economy and integrate all our energy resources—renewables, nuclear, and fossil fuels with carbon capture and storage. Investments in clean hydrogen will spur innovations in clean energy in multiple sectors, including hard-to-abate industrial processes such as steel and concrete production. Hydrogen can store energy over long periods of time, and can also move and deliver energy where and when needed, making it a highly versatile resource.

Hydrogen can also be used as ammonia for fertilizer production, as a replacement fuel in petroleum refining, in electricity and chemical production, in food and pharmaceutical production, in manufacturing, and in nearly all forms of transportation. It also allows conversion of captured CO_2 into fuel and chemical products using biological or catalytic processes.

While the United States can be a global lead in clean hydrogen and reap the job-creating benefits that come with that leadership, we currently lag behind other nations in supporting the use of this resource. Since 2017 over 30 clean hydrogen projects have been announced by other nations.

Meanwhile, several U.S. industries have identified clean hydrogen as essential to strategies for achieving net-zero greenhouse gas emission targets and are calling on our government to foster clean hydrogen's growth in our economy. Policy and commercial mechanisms to reduce

investment risks for first movers and fair policy treatment applied to clean hydrogen as an emerging energy resource for use in several market applications would do much to support clean hydrogen. National recognition of the role clean hydrogen must play in achieving domestic economic and decarbonization objectives would also encourage clean hydrogen deployment.

We urge your administration to affirm the role clean hydrogen must have in our nation's energy and climate strategy and include it in your policy agenda. Doing so will energize the U.S. economy, create good-paying jobs, and address global climate change.

The Clean Hydrogen Future Coalition looks forward to working with your administration to identify opportunities and formulate policies to scale a domestic clean hydrogen economy.

Sincerely,

cc: Ms. Susan Rice, Director of the Domestic Policy Council
        Ms. Jennifer Granholm, Secretary of Energy
        Mr. John Kerry, U.S. Special Presidential Envoy for Climate
        Ms. Gina McCarthy, National Climate Advisor

<u>Clean Hydrogen Future Coalition Member Organizations</u>:

Chevron

ClearPath

Duke Energy

Gas Technology Institute

GE Gas Power

International Brotherhood of Boilermakers

International Brotherhood of Electrical Workers

LanzaTech

Linde

Nikola

North America's Building Trades Union

North Slope Borough

Sempra Energy

Siemens Energy

Tennessee Valley Authority

The Williams Companies

University of Wyoming

Voice of the Arctic Inupiat

Wabash Valley Resources