High-Quality Development of Hydrogen Accelerates Global Energy Transition

Date: 14:30-17:40, November 5, 2026

Venue: Hall D1, Hall 4.2, National Exhibition and Convention Center(Shanghai)

Hosted by: National Energy Administration
Ministry of Commerce of the People's Republic of China

Co-Organized by: CHN Energy Investment Group Co., Ltd.

Organized by: CHN Energy Hydrogen Technology Co., Ltd.
Institutes of Science and Development, Chinese Academy of Sciences
China Hydrogen Alliance
The Paper

Introduction:

This parallel session focuses on the latest trends and emerging requirements in hydrogen development, in support of China's carbon peaking and carbon neutrality goals. It brings together officials from competent government authorities, Nobel laureates, academicians of the Chinese Academy of Sciences and the Chinese Academy of Engineering, industry experts, representatives of international organizations and foreign diplomatic missions in China, representatives of enterprises across the hydrogen value chain, and representatives of key regions for in-depth discussions on topics including the implementation of strategic planning, breakthroughs in key technologies, cost reduction across the entire value chain, mutual recognition of standards and certification, and international industrial cooperation. During the session, *China Hydrogen Development Report (2026) and Typical Case Studies on Hydrogen and Green Fuel Pilots in China* will be released, distilling outstanding practices to provide replicable and scalable insights and guidance for action across the industry, thereby contributing China's wisdom and China's solutions to the development of the global hydrogen industry.

Program:

Moderator: GAO Ruidong, Anchor, XinhuaNet		
Time	**Content and Speakers**	
Opening Remarks		
14:30-15:05	SONG Hongkun	Member of the Party Leadership Group and Vice Administrator, National Energy Administration
	SONG Shangzhe	Member of the leadership of the China International Import Expo (CIIE) Bureau
	FENG Laifa	Director, President and Deputy Secretary of Leading Party Members' Group, CHN Energy Investment Group Co., Ltd.
	Erwin Ramirez	Minister of Development, Industry and Commerce of the Republic of Nicaragua
Keynote Reports		
15:05-15:20	**Hydrogen Storage in Molecular Sponges**	
	Omar M. Yaghi	Nobel Laureate in Chemistry in 2025, Professor at Tsinghua University
15:20-15:40	**Fostering Future Hydrogen Industry and Promoting Synergistic Development Across the Entire Hydrogen Value Chain**	
	BIAN Guangqi	Deputy Director General of the Department of Energy Conservation and Technology Equipment, National Energy Administration

分论坛 PARALLEL SESSION

Time	Content and Speakers	
15:40-16:00	**Development Pathways for China's Green Hydrogen Storage and Transportation System**	
	HUANG Weihe	Academician of the Chinese Academy of Engineering; Chairman of the China Natural Gas Standardization Committee
16:00-16:20	**Innovation in Green Hydrogen Technology and Pathways for Coordinated Development of Global Standards**	
	ZHENG Nanfeng	Member of the Chinese Academy of Sciences; Director of Tan Kah Kee Innovation Laboratory
Release of Outcomes		
16:20-16:40	**Release of Typical Case Studies on Hydrogen and Green Fuel Pilots in China**	
	LIU Wei	Secretary-General of China Hydrogen Alliance; Director of the Department of Hydrogen, CHN Energy Investment Group Co., Ltd.
Thematic Reports		
16:40-16:55	**Scaling Low-Carbon Hydrogen: From Policy Ambition to Sustainable Market Development, European Business Perspectives and Priorities for EU–China Cooperation**	
	Clément Lix	National Vice Chair of the Energy Working Group, European Union Chamber of Commerce in China
16:55-17:10	**Green Fuel Industry: Practices and Exploration**	
	JIN Xiaolong	Vice President of Shanghai Electric Group Co., Ltd.
17:10-17:25	**Netherlands' Clean Hydrogen Strengths and Prospects for China–Netherlands Hydrogen Cooperation**	
	Jan-Jaap Gerards	Deputy Consul General and Head of the Economic Department, Consulate General of the Kingdom of the Netherlands
17:25-17:40	**Baotou's Practice in Building a Green Hydrogen Industrial Ecosystem**	
	MENG Qingwei	Deputy Secretary of the Baotou Municipal Party Committee, Mayor of Baotou Municipal Government