

NOVEMBER 30



# 2022

## CANADA-CHINA HYDROGEN ENERGY AND FUEL CELL 中加氢能与燃料电池

INDUSTRIAL COLLABORATIVE DEVELOPMENT CONFERENCE

产业协同发展交流会



Government  
of Canada

Trade Commissioner  
Service

Gouvernement  
du Canada

Service des  
délégués commerciaux



INTERNATIONAL HYDROGEN  
FUEL CELL ASSOCIATION

ASSOCIATION INTERNATIONALE  
DES PILES À HYDROGÈNE

# 程序册

## PROGRAMME

Organized By  
主办单位

Embassy of Canada to China  
加拿大驻华大使馆  
International Hydrogen Fuel Cell Association  
国际氢能燃料电池协会

Supported By  
承办单位

Daxing International Hydrogen Energy Demonstration Zone  
大兴国际氢能示范区

## 主办单位 / Organizers

### 加拿大贸易专员服务局



Government  
of Canada

Trade Commissioner  
Service

Gouvernement  
du Canada

Service des  
délégués commerciaux

### 国际氢能燃料电池协会



International Hydrogen Fuel Cell Association

## 承办单位 / Supported By



大兴国际氢能示范区

DAXING INTERNATIONAL HYDROGEN ENERGY  
DEMONSTRATION ZONE

中加燃料电池行业交流会由加拿大驻华大使馆与国际氢能燃料电池协会（IHFA）发起，致力于强化两国在氢能与燃料电池的政策、标准的交流，探索氢能燃料电池技术的多领域应用和监管规范，全面加深两国企业层面的合作，促进中方企业“走出去”和加方企业“引进来”，推动中加燃料电池产业的技术进步和商业化，进而加深两国友谊并为治理气候变化做出贡献。

The China-Canada Fuel Cell Industrial Collaborative Conference is an initiative of the Embassy of Canada to China and the International Hydrogen Fuel Cell Association (IHFA), dedicated to strengthening the exchange of policies and standards on Hydrogen energy and Fuel Cells between the two countries, exploring the multi-disciplinary application of Hydrogen energy and Fuel Cells technology and regulatory norms, comprehensively deepening the cooperation between the two countries at the enterprise level, promoting the "going out" of Chinese enterprises and the "coming in" of Canadian enterprises, and promoting the technological progress and commercialization of the Fuel Cell industry between China and Canada, thereby deepening the friendship between the two countries. and contributing to the governance of climate change.

# 总体日程

## AGENDA-AT-A-GLANCE



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<p>Part I: Keynote Speech</p> <p>Moderator:</p> <p>Trade Commissioner, Canadian Embassy in Beijing,</p> <p>Stacy XIAO</p> <p>IHFCA Standing Executive Audrey MA</p> <p>第一部分：专题演讲</p> <p>主持人：加拿大驻华大使馆商务专员 肖 艳</p> <p>国际氢能燃料电池协会常务理事 马晶楠</p>	
09:00-09:10	<p>Address</p> <p><i>Xiyan MA, Deputy Director of Beijing Daxing District Economic and Information Bureau</i></p> <p><i>Francis HUOT, Commercial Counselor, Canadian Embassy in Beijing</i></p> <p>致辞</p> <p>马熹妍，北京市大兴区经济和信息化局副局长</p> <p>乐 峰，加拿大驻华大使馆商务参赞</p>
09:10-09:18	<p>Progress and Suggestions of Fuel Cell Vehicle Demonstration in China</p> <p><i>Haifeng FANG, Chief Expert of CATARC</i></p> <p>中国燃料电池汽车示范进展及建议</p> <p>方海峰，中国汽车技术研究中心首席专家</p>
09:18-09:25	<p>Development Status Quo of Hydrogen Hub in Alberta</p> <p><i>Emily WANG, Project Manager of Hydrogen Energy Initiative, Edmonton Economic Development Authority</i></p> <p>阿尔伯塔省氢能经济枢纽发展现状</p> <p>Emily Wang，埃德蒙顿经济发展局氢能倡议项目经理</p>



09:25-09:35	<p>Industrialization and Demonstration of Hydrogen Fuel Cell Heavy Truck in China</p> <p><i>Kai CUI, Secretary of the Party Committee of Foton Motor New Energy, Vice President of Zhilan New Energy Business</i></p> <p>氢能燃料电池商用车在中国产业化及示范应用</p> <p>崔 凯，福田汽车新能源党委书记、智蓝新能源业务副总裁</p>
09:35-09:45	<p>Current Status and Trends in the Development of Fuel Cell Power Stack Systems</p> <p><i>Jerry YU, Director of Sales and Marketing Asia Pacific, Ballard Power Systems Inc</i></p> <p>燃料电池电堆系统发展现状及趋势</p> <p>Jerry Yu，巴拉德动力系统亚太区销售与市场总监</p>
09:45-09:55	<p>Trapezoidal bipolar fuel cell system contributes to zero carbon solutions</p> <p><i>Kirk LIVINGSTON, Senior Vice President of Loop</i></p> <p>梯形双极板燃料电池系统助力零碳解决方案</p> <p>Kirk LIVINGSTON，路普能源高级副总裁</p>
09:55-10:05	<p>Standards Support the High-quality Development of Hydrogen Industry</p> <p><i>Lincong MA, Chairman of China National Institute of Standardization</i></p> <p>标准化助力氢能产业高质量发展</p> <p>马林聪，中国标准化研究院主任委员</p>
10:05-10:15	<p>The State Quo of Development and Standardization of the Canadian Hydrogen Fuel Cell Industry</p> <p><i>Nicholas HILARIO, Director of Operations, The Canadian Hydrogen and Fuel Cell Association (CHFCA)</i></p> <p>加拿大氢能燃料电池行业发展现状与标准化进程</p> <p>Nicholas Hilario，加拿大氢能燃料电池协会亚洲市场主管</p>
10:15-10:25	Break 中场休息
10:25-10:35	<p>Hydrogen Integrated Application Solutions</p> <p><i>Bingfei HE, Chief Expert of Hydrogen Production, China International Marine Containers (CIMC)</i></p> <p>氢能整体应用方案</p> <p>贺丙飞，中集氢能制氢首席专家</p>

10:35-10:45	<p>Advances in Membrane Technology  <i>Jason JIN, General Manager of Greater China and Director of Business Development, Ionomr</i>            质子交换膜技术进展  <i>Jason JIN, 大中华区总经理兼业务发展总监, Ionomr</i></p>
10:45-10:55	<p>Mature and Stable Electrolyzer Solution for Wind and Solar Energy Storage Key Technology  <i>Dejun WANG, Chairman and General Manager, Beijing SinoHy Energy Co., Ltd.</i>            风光储能的关键技术成熟稳定的电解槽方案  <i>王德军, 中电丰业董事长兼总经理</i></p>
10:55-11:05	<p>Hydrogen Purification  <i>Tony WANG, Quadrogen</i>            氢气提纯技术  <i>王 弢, 跨氢</i></p>
<p>Part II: Roundtable Panel Discussion            第二部分：圆桌论坛            Moderator: IHFCA Standing Executive, Mr. Tony CHEN            主持人：国际氢能燃料电池协会常务理事 陈卫</p>	
11:05-12:05	<p>Roundtable Panel Discussion: Exploring Deeper Cooperation between China and Canada's Hydrogen Energy and Fuel Cell Industry</p> <p><i>By Invitation Only:</i>  <i>Jerry YU, Director of Sales and Marketing Asia Pacific, Ballard</i>  <i>Kirk LIVINGSTON, Senior Vice President of Loop Energy</i>  <i>Jason JIN, General Manager of Greater China and Director of Business Development, Ionomr</i>  <i>Tao WANG, Quadrogen,</i>  <i>Chengying (Arlene) Ai, M.Sc CEO &amp; Co-founder, Momentum Materials Solutions</i>  <i>Fang JIANG, Technical Director of Shanghai Hyfun Energy Techonology,</i>  <i>Feiqiang LI, Deputy General Manager of SinoHytec</i>  <i>Zhongjun HOU, Vice President of SHPT,</i>  <i>Min FAN, Manager of Fuel Cell Component, Chongqing Changan.</i></p> <p>圆桌论坛：中加氢能和燃料电池产业合作基础与发展潜力</p> <p>定向邀请：  <i>Jerry Yu, 巴拉德动力系统亚太区销售与市场总监</i></p>

	<p><i>Kirk LIVINGSTON</i>, 路普能源高级副总裁 <i>Jason Jin, Ionomr</i> 大中华区总经理兼业务发展总监 王弢, <i>Quadrogen</i> <i>Chengying (Arlene) Ai, Momentum Solutions</i> 首席 执行官兼联合创始人 姜方, 上海氢枫能源技术有限公司技术总监 李飞强, 亿华通副总经理 侯中军, 上海捷氢科技股份有限公司副总经理 樊敏, 重庆长安燃料电池部件经理</p>
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# 专题演讲 KEYNOTE SPEECH



主持人:肖 艳

## Moderator: Stacy XIAO

氢能作为高效的清洁能源，将助力全球各国双碳战略的实施。全球众多国家已陆续推出相关政策，支持和发展氢能及燃料电池汽车产业。中国的示范应用与产业化进展能给世界带来哪些经验？加拿大的领先技术如何助力产业市场化与标准化？中加双方如何推进清洁氢能与燃料电池相关产业降本？本次会议将展开讨论。

As an efficient and clean energy source, hydrogen energy will help the implementation of the dual carbon strategy in countries around the world. Many countries around the world have launched relevant policies to support and develop the hydrogen energy and fuel cell vehicle industry. What experience can China's demonstration and industrialization progress bring to the world? How can Canada's leading technology contribute to the marketisation and standardization of the industry? How can China and Canada promote cost reduction in clean hydrogen energy and fuel cell related industries? All these will be discussed on the conference.

## 致辞

## ADDRESS



马熹妍 *Xiyan MA*

北京市大兴区经济和信息化局副局长

Deputy Director of Beijing Daxing District Economic and Information Bureau



乐 峰 *Francis HUOT*

加拿大驻华大使馆商务参赞

Counselor (Commercial), Canadian Embassy in Beijing



主持人:肖 艳

**Moderator: Stacy XIAO**

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**方海峰 Haifeng FANG**

中国汽车技术研究中心

首席专家

Chief Expert of CATARC



**王楚静 Emily WANG**

埃德蒙顿经济发展局氢能倡议项目经理

Project Manager of  
Hydrogen Energy  
Initiative, Edmonton  
Economic Development  
Authority



**崔 凯 Kai CUI**

福田汽车新能源党委书记、智蓝新能源业务副总裁

Vice President of Foton  
Motor Group





主持人:肖 艳

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***Jerry YU***

巴拉德动力系统亚太区销售与市场总监

Director of Sales and Marketing Asia Pacific,  
Ballard Power Systems Inc



***Kirk LIVINGSTON***

路普能源高级副总裁

Senior Vice President of  
Loop



***马林聪 Lincong MA***

中国标准化研究院主任委员

Chairman of China  
National Institute of  
Standardization



主持人:马晶楠

### Moderator: Audrey MA

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### **Nicholas Hilario**

加拿大氢能燃料电池协会  
亚洲市场主管

Director of Operations,  
Canadian Hydrogen and  
Fuel Cell Association  
(CHFCA)



### **贺丙飞 Bingfei HE**

中集氢能制氢首席专家

Chief Expert of Hydrogen  
Production



### **Jason JIN**

Ionomr 大中华区总经理兼  
业务发展总监

General Manager of  
Greater China Company  
and Products Introduction  
of IONOMR



主持人:马晶楠

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**王德军 Dejun WANG**

中电丰业董事长兼总经理  
Chairman and General  
Manager, Beijing SinoHy  
Energy Co., Ltd.



**王骏 Tony WANG**

跨氢  
Quadrogen



# 圆桌论坛

## ROUNDTABLE PANEL DISCUSSION



### ***Jerry YU***

巴拉德动力系统亚太  
区销售与市场总监

Director of Sales and  
Marketing Asia  
Pacific, Ballard Power  
Systems Inc



### ***Kirk LIVINGSTON***

路普能源高级副总裁  
Senior Vice President  
of Loop



### ***Jason JIN***

Ionomr 大中华区总经  
理兼业务发展总监  
General Manager of  
Greater China  
Company and  
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主持人:陈 卫

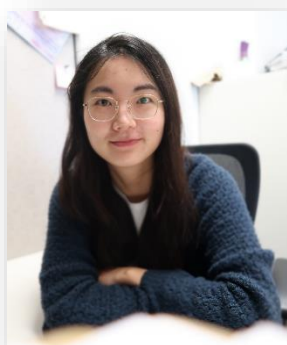
### **Moderator: Tony CHEN**

无论加拿大还是中国，在推动能源绿色低碳转型过程中，高度重视氢能在其中发挥的积极作用。在本国氢能战略中，中加均强调需加强与国际伙伴的合作并采取协同举措，吸引投资，加速在全球市场上获得发展机遇。本次圆桌将聚焦“中加氢能和燃料电池产业合作基础与发展潜力”，展开更深层次的讨论和交流。

Canada has abundant raw materials and infrastructure for hydrogen energy production and is a world leader in hydrogen energy and fuel cell technology innovation. China will also continue to expand the diversified application scenarios of hydrogen energy in the coming period in accordance with the medium and long-term planning and deployment of hydrogen energy. This roundtable will focus on the "Foundation and Development Potential of China-Canada Cooperation in Hydrogen Energy and Fuel Cell Industry" and will provide a deeper discussion and exchange.



王 弢  
**Tony WANG**  
跨氢  
Quadrogen



**Arlene AI**  
Momentum Solutions  
首席执行官兼联合创  
始人  
M.Sc CEO & Co-  
founder



侯中军  
**Zhongjun HOU**  
上海捷氢科技股份有  
限公司副总经理  
Vice President of  
SHPT



主持人:陈 卫

**Moderator: Tony CHEN**

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李飞强

**Feiqiang LI**

亿华通副总经理

Deputy General  
Manager of SinoHytec



姜方

**Fang JIANG**

上海氢枫能源技术有限公司技术总监

Technical Director of  
Shanghai Hyfun  
Energy Technology



樊敏

**Min FAN**

重庆长安燃料电池部件经理

Manager of Fuel Cell  
Component,  
Chongqing Changan.



主持人:陈 卫

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# 企业介绍

## COMPANY INTRODUCTION

亿华通



**SINOHYTEC**

作为中国氢能产业先行者，北京亿华通科技股份有限公司创立于 2012 年，始终专注于氢燃料电池系统技术研发与产业化，致力打造更好的氢能解决方案。

目前，亿华通已形成以自主氢燃料电池系统为核心，包括双极板、电堆、整车控制器、智能 DC/DC、氢系统、测试设备、燃料电池实验室全套解决方案等在内的纵向一体化产品与服务体系。建立在核心自主知识产权基础上的全新一代氢燃料电池系统，提前完成国家燃料电池系统技术目标，不断对标国际先进水平。自主开发的全系列测试服务体系为众多主流商用车企燃料电池实验室提供全套解决方案。

Beijing SinoHytec Co., Ltd., which was founded in 2012, has been focusing on the R&D and industrialization of hydrogen fuel cell engine technology, and committed to working out better hydrogen energy solutions.

At present, SinoHytec has formed a vertically integrated product and service system with independent hydrogen fuel cell system as the core, including bipolar plate, electric stack, vehicle controller, intelligent DC/DC, hydrogen system, testing equipment and full set of solutions for fuel cell laboratory. The new generation of hydrogen fuel cell system built on the core independent intellectual property rights, fulfilling the national fuel cell system technology target ahead of schedule and constantly benchmarking with the international advanced level. The self-developed full range of testing services system provides a full set of solutions for fuel cell laboratories of many mainstream commercial vehicle enterprises.

中国汽车技术研究中心



**CATARC**

中国汽车技术研究中心（CATARC）是 1985 年根据国家对汽车行业管理的需要，经国家科委批准成立的科研院所，是中国唯一的汽车行业技术归口单位和国家政府主管部门的技术支撑机构。2003 年 8 月，经国务院批准，划归国务院国有资产监督管理委员会直接管理。

CATARC was established in 1985 as a research institute approved by the State Science and Technology Commission according to the needs of the state management of the automotive industry, and is the only technical focal point of the automotive industry and the technical support organization of the state government authorities in China. In August 2003, with the approval of the State Council, it was transferred to the direct management of the State-owned Assets Supervision and Administration Commission of the State Council.

## 重庆长安新能源汽车科技有限公司

### Chongqing Changan New Energy Automobile Co.LTD



重庆长安新能源汽车科技有限公司（简称长安新能源）成立于 2018 年 5 月，是一家兼有整车、研发、生产、加工、销售、咨询、汽车租赁及充电业务的全产业链新能源汽车企业。

长安新能源坚持自主研发，掌握新能源四电核心技术，建成覆盖电池、电驱、电控、整车、电器等领域的研发及试验能力，累计为用户提供 20 余款新能源汽车产品。长安新能源成立以来，先后在整车、科技、能源、充电、出行等多个领域，与宁德时代、国家电网等多个行业领先企业开展深度合作，创建了最庞大最权威的产业链联盟。目前长安新能源正在积极整合社会资源，实现价值共创共享，未来将成为世界一线主流电动车中国品牌。

Chang'an New Energy Automobile Co.LTD (CNEA) was founded in May 2018. It is a new energy vehicle enterprise with the whole industrial chain, including vehicle, R&D, production, processing, sales, consulting, car rental and charging business.

Insisting on independent R&D, CNEA has mastered core technologies in the fields of battery, electric drive, electric control and electric platform. Till now, CNEA has built R&D and testing capabilities covering battery, electric drive, electric control, vehicle, electrical appliances and other fields, providing consumers more than 20 NEV products. Since its establishment, CNEA has cooperated with many industry-leading enterprises, such as CATL and State Grid, and created the largest and most authoritative industrial chain alliance. Currently, CNEA is actively integrating social resources and realizing value in co-creation and sharing. In the future, CNEA is committed to becoming a mainstream Chinese EV brand worldwide.

## 福田汽车

### Foton Motor Group



北汽福田汽车股份有限公司（简称福田汽车），是一家跨地区、跨行业、跨所有制的国有控股上市公司。总部位于北京市昌平区，现有资产近 733.42（2021 年）亿元，品牌价值达 1915.16 亿元，员工近 4 万人，是一个以北京为管理中心，全国布局 15 个智能创新研发中心，18 个工厂，全面覆盖商用车整车及零部件全产业链，全球建设 22 个 KD 工厂，实现全球化产业布局。

Foton is a cross-region, cross-industry and cross-ownership state-controlled listed company. Headquartered in Changping District, Beijing, with existing assets of nearly 73.342 billion yuan (2021), brand value of 191.516 billion yuan and nearly 40,000 employees, it is a global industrial layout with Beijing as its management centre, 15 intelligent and innovative R&D centres and 18 plants laid out nationwide, covering the entire industrial chain of commercial vehicles and components, and 22 KD plants built worldwide.



## 巴拉德动力系统

### Ballard Power Systems



巴拉德动力系统有限公司是零排放燃料电池产品设计、研发和生产的全球领先者。在全球拥有 900 多名员工，以及 1300 多项专利及专利申请。巴拉德的产品和服务目前用于各种市场，从巴士、卡车、物料搬运、备用电源到铁路和海洋应用。截止 2021 年 5 月，巴拉德技术已为全世界 3,560 多辆燃料电池重型车辆提供动力，总行驶里程超过 9,200 万公里。

主要业务领域包括公交巴士、卡车、铁路轨道和海洋应用，关键产品和技术有燃料电池电源产品和技术解决方案

Ballard Power Systems is a global leader in the design, development and production of zero-emission fuel cell products. It has over 900 employees worldwide and more than 1,300 patents and patent applications. Ballard's products and services are currently used in a variety of markets, from buses, trucks, material handling and backup power to rail and marine applications. As of May 2021, Ballard technology has powered more than 3,560 fuel cell heavy-duty vehicles worldwide, with a total of more than 92 million kilometers driven.

Key business areas include transit buses, trucks, rail tracks and marine applications, with key products and technologies such as fuel cell power products and technology solutions

## 上海捷氢科技股份有限公司

### Shanghai Hydrogen Propulsion Technology Co., Ltd.



上海捷氢科技股份有限公司（简称“捷氢科技”）成立于 2018 年 6 月 27 日，为行业提供燃料电池产品及工程服务，已完成多款燃料电池电堆和燃料电池系统的产品开发，并广泛应用于乘用车、城市客车、公路客车、轻中重型卡车、机车、叉车、拖车等诸多领域，并可扩展应用于分布式发电、热电联供和船舶、航空等非车用领域。

SHPT provides fuel cell products and engineering services and has completed the development of several types of fuel cell stacks and systems. These products are now widely used in passenger cars, city buses, road buses, light trucks, medium & heavy trucks, locomotives, forklifts, trailers and other vehicle platforms. The products and services can also extend to the non-automotive applications such as distributed power generation, CHP systems, ships, aviation, etc



# 氢枫

## HYFUN



上海氢枫能源技术有限公司顺应氢能产业发展趋势，早于 2016 年 5 月成立，专业从事加氢站投资、建设和运营。

公司立足于加氢站运行，着力加氢站智能化、现代化研发设计，积极改善氢能基础供应链，业务拓展至加氢站关键设备以及高密度氢气储运设备的研发、设计与生产。

Hyfun is a high-tech enterprise specializing in investment, construction and operation of hydrogen refueling stations.

Based on the operation, Hyfun focuses on the intelligent, modern R&D and design of hydrogen refueling stations. Hyfun actively improve the fundamental hydrogen supply chain, extending to the R&D, design and production of key equipment applied in hydrogen refueling stations and equipment for high-density hydrogen storage and transportation.

# 路普能源

## Loop Energy



路普能源是为汽车原始设备制造商和发电系统制造商提供氢燃料电池系统的行业领先开发商、制造商和供应商。其产品凭借其专有的专利设计和技术进步，将燃油效率、功率密度和燃油耐用性完美结合，正在重塑行业。

路普能源总部位于温哥华，坐落于世界燃料电池设计之都的中心，将其制造和商务业务扩大到了亚洲和欧洲，随着其商业版图的不拓展，路普能源将立足全球，服务世界。

Loop Energy is an industry-leading developer, manufacturer and supplier of hydrogen fuel cell systems for vehicle OEMs and power generation system manufacturers. Its products are reshaping the industry with their proprietary patented designs and technological advances that combine fuel efficiency, power density and fuel durability.

Headquartered in Vancouver and located in the heart of the world's fuel cell design capital, Loop Energy has expanded its manufacturing and commercial operations to Asia and Europe, and as its business footprint continues to expand, Loop Energy will have a global footprint and serve the world.

## Ionomr Innovations



Ionomr 开发和销售用于清洁技术解决方案的离子交换膜和聚合物解决方案，包括燃料电池、制氢和一系列能源储存应用。

在材料方面经过五十多年的停滞不前之后，我们的产品现在使产品开发商和集成商能够优化他们的产品性能，提高耐用性，消除有毒成分，提高可回收性，并比预期提前加速下降成本曲线。公司的研发和生产设施位于加拿大温哥华--全球燃料电池研究和发展的中心。

Ionomr develops and markets ion-exchange membrane and polymer solutions for clean technology solutions including fuel cells, hydrogen production, and a range of energy storage applications.

After more than five decades of stagnation in materials, our products now enable product developers and integrators to optimize their product performance, improve durability, eliminate toxic components, increase recyclability, and accelerate down the cost curve earlier than anticipated.

The Company's R&D and manufacturing facilities are based in Vancouver, Canada – the worldwide hub for fuel cell research and development.

## 中电丰业 SinoHy Energy



北京中电丰业技术开发有限公司是专注于水电解制氢、加氢、储能研发与生产的国家高新技术企业，是目前行业内超前的氢能源工程公司。提供从氢气生产、氢气储运、到弃风弃光可再生能源制氢储能和氢燃料电池汽车现场制氢加氢站等氢产业链的综合解决方案。

Beijing SinoHy Energy is a national high-tech enterprise focusing on the R&D and production of hydrogen production, hydrogen refueling and energy storage by water electrolysis, and is a hydrogen energy engineering company ahead of its time in the industry at present. It provides comprehensive solutions of hydrogen industry chain from hydrogen production, hydrogen storage and transportation, to hydrogen production and energy storage from wind and light abandoned renewable energy and hydrogen fuel cell vehicle on-site hydrogen production and hydrogen refueling station.

## 跨氢 Quadrogen



Quadrogen 是加拿大领先的清洁技术公司，提供创新和工程解决方案，为客户提供定制的沼气净化和升级工厂，氢气净化系统和碳捕获设备市场。

Quadrogen is a leading Canadian Clean Technology Company that provides innovative and engineered solutions to serve our customers in the markets of customized biogas cleanup and upgrading plants, hydrogen purification systems, and carbon capture equipment.

## 中集氢能科技有限公司



## CIMC Hydrogen Energy Technology Co., Ltd.

中集氢能科技有限公司（简称：中集氢能科技）是中集集团、中集安瑞科旗下专门承接国内外氢能业务的发展平台，战略聚焦交通、氢电、氢气三大领域，致力于成为氢能领域行业领先的科技型企业。

CIMC Hydrogen Energy Technology Co., Ltd. (CIMC Hydrogen Energy Technology) is a hydrogen business platform of CIMC Enric focusing on hydrogen transportation, hydrogen power and hydrogen industries at home and abroad. CIMC Hydrogen Energy Technology intends to develop itself to a leading technology company in the hydrogen energy industry.





**国际氢能燃料电池协会** (International Hydrogen Fuel Cell Association, 简称 IHFGA) 是由来自世界各国和地区氢能、燃料电池和燃料电池汽车领域的企业、科研机构 and 行业组织等自愿组成的国际性、学术性、非营利性社会组织。协会首批会员包括中国汽车工程学会、佛吉亚集团、中石化、上汽集团、丰田汽车、现代汽车、英美资源、本田汽车、国家能源集团、清华大学、彼欧等国内外知名企业和机构，与 2022 年 7 月正式成立，总部设在中国北京。协会致力于促进氢能和燃料电池领域的全球交流合作，打造覆盖全产业链的国际交流与合作平台，优化国际技术标准和规则，促进信息共享和开放科学，推动全球氢能和燃料电池的技术进步和商业化推广。

**The International Hydrogen Fuel Cell Association** (IHFGA) is an international organization initiated by the China Society of Automotive Engineers, FORVIA, Sinopec Group, SAIC Group, Toyota Motor, Hyundai Motor, Anglo American, Honda Motor, CHN Energy, Tsinghua University, Plastic Omnium and other world-renowned companies and organizations, and was officially established in July 2022, with its headquarters in Beijing, China. The Association is committed to promoting the development and widespread application of global hydrogen and fuel cell technologies and helping to achieve the global carbon neutrality goal.

