e-Forum Booklet

THE FOURTH HYDROGEN ECONOMY FORUM (HEF4)
《第四屆氫能經濟論壇》

Hybrid Event

27th October 2023 (Friday)
10:30am ~ 5:00pm HKT, GMT + 8
Meeting Rooms 201B & 201C, Level 2
AsiaWorld Expo, Chek Lap Kok, Hong Kong

2023 年 10 月 27 日（星期五）
香港時間 上午 10:30 至 下午 5:00 (GMT+8)
香港大嶼山 香港國際機場
亞洲國際博覽館 2 樓 會議室 201B 及 201C 室

Co-Organizers:

Hong Kong Green Strategy Alliance
香港綠色策略聯盟 www.hkgsa.org

Hong Kong Association of Energy Service Companies
香港能源服務協會 www.haesco.org

Hong Kong Environmental Industry Association
香港環保產業協會 www.hkenvia.org

S.T.A.R.S. Foundation
香港可持續科技研策基金會 www.starsf.org

Business Environment Council
商界環保協會 www.bec.org.hk

Event Partner

An Official Event of
Eco Expo Asia 2023

Organizing Committee of HEF4（籌委會成員）:

Chairman:	**Mr. Colin TAM**		Honorary Advisor:	**Mr. Dominic YIN**
Vice Chairman:	**Ir Prof Daniel CHENG**		Honorary Secretary:	**Mr. Peter HO**
Members:	**Ir Louis CHAN**	(HKGSA)	**Ir Kenny WONG**	(HKGSA)
	Ir Jason LEUNG	(HKGSA)	**Mr. Patrick NG**	(HAESCO)
	Mr. Simon CHEUNG	(HAESCO)	**Dr Ivan LI**	(HAESCO)
	Mr. Ricky LAU	(HAESCO)	**Ms. Melody WU**	(HAESCO)
	Ms. Regina LEI	(HKEnvIA)	**Mr. Joshua CHAK**	(STARS)
	Mr. Merlin LAO	(BEC)		

Language of Conference: **Putonghua & English** Fee: **Free of Charge**

Number of Registrations: **600+** (**Total**): **350+** (physical) **+ 250+** (online)

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For any enquiry related to this Forum, please email to events.hkgsa@gmail.com.

The Co-Organizers would respectfully acknowledge the invaluable assistance of the following organizations for their generous support and promotion efforts: **Thank you!**

Supporting Organizations (in random order)

School of Energy and Environment
香港城市大學
City University of Hong Kong

School of Energy and Environment
The City University of Hong Kong

THE HKUST ENERGY INSTITUTE
香 港 科 大 能 源 研 究 院

The HKUST Energy Institute

Asian ENERGY STUDIES CENTRE

Asian Energy Studies Centre
The Hong Kong Baptist University

GREEN COUNCIL
環 保 促 進 會

Green Council

綠 惜 地 球
THE GREEN EARTH

The Green Earth

hkpc 生產力局

The Hong Kong Productivity Council

Social Impact Investment Foundation
社會影響力投資基金會

Social Impact Investment Foundation

環境工業協會
Environmental Industries Council

香港工業總會轄下 A FHKI Council

Environmental Industries Council (Group 26)
The Federation of Hong Kong Industries

ippf Independent Power Producers Forum

Independent Power Producers Forum

HKIE THE HONG KONG INSTITUTION OF ENGINEERS
香 港 工 程 師 學 會
Environmental Division
環境分部

The Hong Kong Institution of Engineers
Environmental Division

HKWMA
HONG KONG WASTE MANAGEMENT ASSOCIATION
香港廢物管理學會

The Hong Kong Waste Management Association

HKIQEP
香港環專會

The Hong Kong Institute of
Qualified Environmental Professionals

Institution of MECHANICAL ENGINEERS
Hong Kong Branch

The Institution of Mechanical Engineers

CIWEM Chartered Institution of Water and Environmental Management
Hong Kong Branch

The Chartered Institution of
Water and Environmental Management

HKiNED
香港獨立非執行董事協會
The Hong Kong Independent Non-Executive Director Association

The Hong Kong Independent
Non-Executive Director Association

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Ir Dr the Hon LO Wai Kwok (盧偉國議員 博士 工程師) *GBS, MH, JP*
Chairman
Hong Kong Green Strategy Alliance (HKGSA)

Mr. Colin TAM (譚兆棟 先生)
Chairman
Hong Kong Association of Energy Services Companies (HAESCO)
Chairman
Organizing Committee of HEF4
Chairman
Organizing Committee, Hong Kong Hydrogen Alliance (HKH2A)
Member
Council for Carbon Neutrality and Sustainable Development, HKSAR

Ir Prof Daniel M. CHENG (鄭文聰 教授 工程師) 正高工, *BBS, MH, JP*
President
Hong Kong Environmental Industry Association (HKEnvIA)

Mr. Johnny CHONG (莊寧 先生)
Chairman
S.T.A.R.S. Foundation (STARS)

Mr. Simon NG (吳家穎 先生)
Chief Executive Officer **Business Environment Council** (BEC)

3. **清華大學 毛宗強 教授 致 香港氫能聯盟 成立賀信**

4. **Introduction of the Panel Moderator**
Mr. Dominic YIN (尹德川 先生)
Panel Moderator and Honorary Advisor of the Organizing Committee

5. **Biography of Speakers and Abstracts of Speeches**

Jointly Organized by（聯合主辦單位）：

Hong Kong Green Strategy Alliance 香港綠色策略聯盟 | 香港能源服務協會 | Hong Kong Environmental Industry Association 香港環保產業協會 | S.T.A.R.S. Foundation 可持續科技研策基金會 | Business Environment Council 商界環保協會

《第四屆氫能經濟論壇》

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亞洲國際博覽館 2 樓 會議室 201B 及 201C 室

Free of Charge（費用全免）／ CPD Certificate available upon Request

[Languages of the Forum will be in **English** and **Putonghua**. No simultaneous translation will be provided)
［論壇將以英語和普通話為語言。不提供即時傳譯］

Synopsis 簡介

Being the 4th consecutive annual forum of the series since 2019, this **"Fourth Hydrogen Economy Forum"** (HEF4) is promised to be another premier event dedicated to the latest policy and technological developments for wider adoption of **Hydrogen (H_2)** in Hong Kong for obvious reasons of environmental friendliness and carbon neutrality. With the social and travel restrictions now lifted, HEF4 will be held in hybrid mode (i.e., both physical attendance and virtual participation).

自 2019 年，**《第四屆氫經濟論壇》**(HEF4)是第四次連續舉辦該系列的年度論壇，本屆論壇將成為另一個致力於最新政策和技術發展的重要活動，以促進香港更廣泛地採用**氫能(H_2)**，以達到環保和碳中和的目的。隨著社交和旅行限制的解除，HEF4 將以線上線下混合模式舉行（即實體和虛擬同時進行）。

In view of the overwhelming responses in the past HEFs, HEF4 has expanded from the former half-day programme to a **full-day** event. The Co-Organizers have invited key stakeholders in Hong Kong as well as those within the Greater Bay Area (GBA) and Mainland, sharing their experiences on policy directions, project implementation, success and constraints, cutting-edge technological achievements, pilot developments as well as many other related topics.

鑒於歷屆氫能論壇反應熱烈，HEF4 已由原來的半天活動擴大為**全日活動**。協辦機構邀請了香港、大灣區和內地的主要持份者，分享他們在政策方向、項目實施、成功和制約因素、前沿科技成果、試點發展以及許多其他相關主題方面的經驗。

HKTDC 香港貿發局

As in previous years, we are also very pleased to continue having the **Hong Kong Trade Development Council (香港貿易發展局)** as our **Event Partner**. We are delighted that HEF4 continues to be an **Official Event** of the **Eco Expo Asia 2023**.

ECO Expo Asia 國際環保博覽 International Trade Fair on Environmental Protection

與往年一樣，我們也非常高興香港貿易發展局繼續成為我們的活動合作夥伴。我們很高興 HEF4 繼續成為 2023 年國際環保博覽的官方活動。

Further, we are honored to have **Miss Diane WONG** *JP*, **Under Secretary for Environment and Ecology** of the HKSAR Government, as our **Guest of Honor** and **Ir Dr Hon LO Wai Kwok** *GBS, MH, JP* to deliver a Welcome Speech at HEF4, followed by presentations and sharing by more than ten (10) renowned experts in the field of H_2 applications.

此外，我們很榮幸邀請到**黃淑嫻 女士** *MH, JP*，香港特別行政區政府環境及生態局副局長為**主禮嘉賓**，與**盧偉國 議員 博士 工程師** *GBS, MH, JP* 在 HEF4 發表致辭，隨後有十多位氫能領域的知名專家發表演講和分享。

The event is completely free-of-charge, but the number of seats for both physical and virtual attendance are **limited** and will be given on a **first come-first-serve** basis. Please secure your seat by registering online at www.starsf.org/hef4 or by scanning the **QR Code** by **25th October 2023** (Wednesday). Joining instructions for virtual participation will be sent to successful applicants by email **one (1) day** before HEF4.

本活動是**完全免費**的，但線上或線下出席的座位數量有限，並將以**先到先得**的方式提供。請於 **2023 年 10 月 25 日**(星期三)之前在 **www.starsf.org/hef4** 網上註冊或掃描二維碼以確保您的座位。線下參與的指示將在 HEF4 前一天通過電子郵件發送給成功申請者。

All participants will receive an electronic version of the forum booklet (**e-Forum Booklet**) containing the details of each speaker as well as abstracts of respective presentations and talks before HEF4. On approvals of individual speakers, the presentation files will also be uploaded on HKGSA's website (www.hkgsa.org) within fourteen days after HEF4. Continued Professional Development (CPD) certificates will be electronically distributed to participants upon request within four weeks after HEF4. Programme is tentatively only and is subject to change without notice on the date of the event. In case of questions, please email to events.hkgsa@gmail.com.

Please register quickly before very (very) limited spaces run out!

所有與會者都將收到**電子版的論壇小冊子**，其中包括每位演講者的詳細資料以及他們在 HEF4 之前的演講和演講摘要。經個別講者批准後，講者的演講 PPT 亦會於論壇舉行後十四天內上載至**香港綠色策略聯盟官網**(www.hkgsa.org)。持續專業發展(CPD)證書將在 HEF4 後四周內按要求以電子方式分發給參與者。活動日程暫定，如有更改，恕不另行通知。如有疑問，請發郵件至 events.hkgsa@gmail.com。

請在截止之前儘快註冊報名！

[HEF4v14]

HEF4 Rundown / Morning Session（論壇流程 / 上午時段）

Time（時間）	Activity（環節）
10:30 - 10:40	Welcome Address（開幕致辭） **Ir Dr Hon LO Wai Kwok（盧偉國 議員 博士 工程師）** GBS, MH, JP Chairman, **Hong Kong Green Strategy Alliance**（香港綠色策略聯盟 主席）
10:40 - 10:50	Keynote Speech by the Guest of Honor（主禮嘉賓 主題演講） **Miss Diane WONG（黃淑嫻 女士）** JP Under Secretary for Environment and Ecology, HKSAR Government （香港特別行政區 環境及生態局 副局長）
10:50 - 10:52	Special Congratulatory Message (Pre-Recorded)（特別賀詞（預錄）） **Dr ZHANG Wei Dong（張衛東 博士）** Assistant Resident Representative, Team Leader of People and Prosperity Pillar of UNDP China （聯合國開發計劃署 駐華代表處助理駐華代表 兼 民生與社會發展部主任）
10:52 - 11:00	Announcement on the Establishment of the **Hong Kong Hydrogen Alliance** (HKH2A) （宣佈「**香港氫能聯盟**」成立） **Mr. Colin TAM（譚兆棟 先生）** Chairman, **HAESCO**（香港能源服務協會 主席） Chairman of HKH2A Organizing Committee, **Hong Kong Hydrogen Alliance** （香港氫能聯盟 籌委會主席）
11:00 - 11:10	**Group Photos 合影** （主禮嘉賓、主辦單位領導、演講嘉賓及 **VIP** 合照）
11:10 - 11:25	Topic 1: **"Development & Trend of Hydrogen Industry in China"** 主題一：「**中國氫能產業發展及趨勢**」 **Dr ZHANG Yan（張岩 博士）** Director of the Industry Research Department, **China Hydrogen Alliance** （中國氫能聯盟中國氫能聯盟 研究院-產業研究部主任）
11:25 - 11:40	Topic 2: **"Chinese Story of Energy Transition – Practices of Integrated Intelligent Energy"** 主題二：「**能源轉型的中國故事 – 綜合智慧能源的實踐**」 **Madam ZHAO Fengyun（趙風雲 女士）** President, Integrated Intelligent Energy Professional Committee **China Electricity Technology Market Association** （中國電力技術市場協會 綜合智慧能源專業委員會 會長）

HEF4 Rundown / Morning Session（論壇流程 / 上午時段）

Time（時間）	Activity（環節）
11:40 - 11:55	Topic 3: **"Build the World's Leading Zero-Carbon Industrial System with Hydrogen Technology"** 主題三：「**以氫能科技打造全球領先的零碳工業體系**」 **Dr WANG Xue（王雪 博士）** Head, Hydrogen Energy Industrialization, **Beijing Tsinghua Industrial R&D Institute** & Head, R&D Application Department, **International Hydrogen Energy Center** （北京清華工業開發研究院 氫能業務主管，國際氫能中心 應用研究中心主任）
11:55 - 12:10	Topic 4: **"Towngas' Hydrogen Journey towards a Brighter Future"** 主題四：「**煤氣氫能創未來**」 **Mr. Simon NGO（敖少興 先生）** Head of Engineering – H.K. Utility, **The Hong Kong and China Gas Co. Limited** （香港中華煤氣有限公司 工程總監 – 香港公用業務）
12:10 - 12:25	Topic 5: **"Acceleration to Carbon Neutrality"** 主題五：「**邁向碳中和**」 **Mr. Thomas LUI（呂志偉 先生）** Associate Director, Decarbonization Architecture, **CLP Power Hong Kong Limited** （中華電力有限公司 減碳構建 副總監）
12:25 - 13:00	**Panel Discussion** (am) 論壇討論環節（上午） Moderator（主持人）: **Mr. Dominic YIN（尹德川 先生）** Founding Chairman, **HAESCO**（香港能源服務協會 創會會長） Vice Chairman, **Hong Kong Green Strategy Alliance**（香港綠色策略聯盟 副主席）
13:00 - 14:00	**Lunch Break** (Self-Arranged / not included)（**午餐**/自理）

HEF4 Rundown / Afternoon Session（論壇流程 / 下午時段）

Time	Activity
14:00 - 14:15	Topic 6: **"Status and Trends of Waste-to-Hydrogen"** 主題六：「**廢物制氫的現狀和發展趨勢**」 **Dr ZHANG Hanwei（張漢威 博士）** Dean of Research Institute, **Grandblue Environment Co., Limited** （瀚藍環境股份有限公司 研究院 院長）
14:15 - 14:30	Topic 7: **"The Roles and Status of Carbon Capture & Storage (CCS) Technologies in Green Hydrogen Economy"** 主題七：「**碳捕獲與封存技術(CCS)在綠色氫能經濟的角色和現狀**」 **Mr. Samuel TAM（譚兆錚 先生）** Chief Technical Officer, **EnerWaste Asia Pacific Limited** （城智循環有限公司 首席技術官）
14:30 - 14:45	Topic 8: **"SGS China Application and Development of Safety Standards for Hydrogen Equipment"** 主題八：「**SGS 與中國氫能設備安全標準應用與發展**」 **Mr. Ray ZHAO（趙洋銳 先生）** Senior Business Officer – Hydrogen, **SGS China** （SGS 中國區 氫能高級業務發展官）
14:45 - 15:00	Topic 9: **"Wisdom Motors – The Future of H_2 Vehicles"** 主題九：「**威馳騰汽車 – 氫啟未來**」 **Mr. Felix XU（許輝 先生）** **Chief Strategy Officer & Global Treasurer, Wisdom (Fujian) Motor Co., Limited** （威馳騰（福建）汽車有限公司 首席戰略官、全球司庫）
15:00 - 15:15	Topic 10: **"Let's Build a Better HK together - Promoting Sustainable Hydrogen Energy Development"** 主題九：「**齊心建設更美好香港 – 推動可持續氫能發展**」 **Mr. Anthony POON（潘建邦 先生）** General Manager (Retail), **Sinopec Hong Kong** （中石化香港 零售總經理）

HEF4 Rundown / Afternoon Session（論壇流程 / 下午時段）

Time	Activity
15:15 - 15:30	Topic 11: **"Type 4 Composite-overwrapped Pressure Vessels Based Hydrogen Storage for Mobility and Distribution"** 主題十一：「**用於燃料電池電動汽車和氫內燃機汽車的 IV 型複合材料外纏繞壓力容器車載儲氫系統**」 **Dr. Sergey ULYAKHIN（謝爾蓋 博士）** Chief Technology Officer (China and Southeast Asia), **Hexagon Purus** （合斯康新能源 中國和東南亞 首席技術官）
15:30 - 15:45	Topic 12: **"Hydrogen Value Chain Challenges & Solutions"** 主題十二：「**氫能價值鏈挑戰及 TUV 萊茵解決方案**」 **Mr. Rory MENG（孟昭瑞 先生）** Vice General Manager, Asset Integrity Management, Industrial Services & Cybersecurity, **TÜV Rheinland Hong Kong Ltd.** （TUV 萊茵香港公司 產可靠性管理、工業服務和網路安全 副總經理）
15:45 - 16:45	**Panel Discussion** (pm) 論壇討論環節（下午） Moderator（主持人）: **Mr. Dominic YIN（尹德川 先生）**
16:45 - 17:00	Concluding Remarks（閉幕發言） **Mr. Colin TAM（譚兆棟 先生）** Member, Council for Carbon Neutrality and Sustainable Development HKSAR （香港特別行政區 碳中和及可持續發展委員會 委員） Chairman, **HAESCO**（香港能源服務協會 主席） Chairman, **HEF4 Organizing Committee**（第四屆氫經濟論壇籌委會 主席）

Eco Expo Asia 2023

The **Fourth Hydrogen Forum**《第四屆氫能經濟論壇會議》is an official event of the **Eco Expo Asia 2023**, organized by the **Hong Kong Trade Development Council（香港貿易發展局）**. All participants are encouraged to participate the **Eco Expo Asia 2023** which is a free-of-charge event at AsiaWorld-Expo (1 Airport Expo Boulevard, Chek Lap Kok, Lantau Island, Hong Kong).

Please visit www.hktdc.com/event/ecoexpoasia for more detailed information about **Eco Expo Asia 2023**.

《第四屆氫經濟論壇》是 2023 年國際環保博覽的官方活動，由香港貿易發展局主辦。歡迎所有參加者免費參加於**亞洲國際博覽館**（香港大嶼山赤臘角機場博覽道 1 號）舉行的"2023 年國際環保博覽"，有關詳情請瀏覽 www.hktdc.com/event/ecoexpoasia。

Organizing Committee of HEF4（籌委會成員）:

Chairman:	**Mr. Colin TAM**		Honorary Advisor:	**Mr. Dominic YIN**
Vice Chairman:	**Ir Prof Daniel CHENG**		Honorary Secretary:	**Mr. Peter HO**
Members:	**Ir Louis CHAN**	(HKGSA)	**Ir Kenny WONG**	(HKGSA)
	Ir Jason LEUNG	(HKGSA)	**Mr. Patrick NG**	(HAESCO)
	Mr. Simon CHEUNG	(HAESCO)	**Dr Ivan LI**	(HAESCO)
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	Mr. Merlin LAO	(BEC)		

Supporting Organizations of HEF4 (in random order):

School of Energy and Environment
香港城市大學
City University of Hong Kong

THE HKUST ENERGY INSTITUTE
香港科大能源研究院

Asian ENERGY STUDIES CENTRE

綠惜地球
THE GREEN EARTH

hkpc 生產力局

ippf Independent Power Producers Forum

GREEN COUNCIL
環保促進會

環境工業協會
Environmental Industries Council

Social Impact Investment Foundation
社會影響力投資基金會

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Environmental Division
環境分部

HKWMA
HONG KONG WASTE MANAGEMENT ASSOCIATION
香港廢物管理學會

HK Environmental Integrity & Excellence
HKIQEP 香港環專會

HKiNED
香港獨立非執行董事協會
The Hong Kong Independent Non-Executive Director Association

CIWEM Chartered Institution of Water and Environmental Management
Hong Kong Branch

Notes on HEF4 (備註):

i.) The Organizers are an **Event Partner** of the **Hong Kong Trade Development Council** (HKTDC), and this Conference is an official event of the **Eco Expo Asia 2023** organized by HKTDC. By registering for this Forum, the participants are aware and acknowledge, and have been provided with ample opportunity and choices to opt-out during registration, that HKTDC may use participants' information on voluntary basis for the purpose of trade development and business matching activities. The Organizers of this Conference accept no liability whatsoever, direct or consequential, as a result of the participants' enrolment in HKTDC's separately arranged activities."主辦單位為香港貿易發展局(香港貿發局)的活動合作夥伴，是香港貿發局主辦的"2023 亞洲生態博覽"的正式活動。報名參加是次論壇，即表示參加者知悉及明白香港貿發局可能會在自願的基礎上，使用參加者的資料作貿易發展及商業配對活動之用，並已在報名時獲得充分的機會選擇退出。對於參加者參加香港貿發局另行安排的活動，主辦機構不承擔任何直接或間接的責任。

ii.) **CPD certificates**, upon request at initial registration, will be distributed electronically within four (4) weeks after the event via electronic means to the participant's provided email address at the time of registration. Further, the name shown on the CPD certificate will be identical to that entered during registration. 根據註冊時的要求，CPD 證書將在活動結束後的四(4)周內通過電子方式發送到參與者在註冊時提供的電子郵寄地址。此外，CPD 證書上顯示的名稱將與註冊時輸入的名稱相同。

iii.) **Presentation materials** and **video recordings** may, upon approval of respective speakers after the Conference, be available. If so, separate announcement will be made after the event. It is therefore important that you enter a proper email address during initial registration so you can receive our updates.
會議結束後，經有關發言者批准，可提供演講材料和錄影。如有，將在活動結束後另行公告。因此，您在註冊時輸入正確的電子郵寄地址非常重要，這樣您就可以收到我們的更新。

iv.) Registration deadline is **25th October 2023** at 6:00pm (HKT / GMT + 8). Late registrations will not be processed. Any questions shall be sent to events.hkgsa@gmail.com.
報名截止日期為 2023 年 10 月 25 日下午 6 點(HKT / GMT+8)，逾期報名將不予受理。如有任何問題，請發送至 events.hkgsa@gmail.com。

Hong Kong Green Strategy Alliance
香港綠色策略聯盟

Ir Dr the Hon LO Wai Kwok (盧偉國議員 博士 工程師) *GBS, MH, JP*

Chairman, Hong Kong Green Strategy Alliance



Ir Dr the Hon Lo Wai Kwok is Chairman of HKGSA and was also the President of the Hong Kong Institution of Engineers in 2007/08. WK is currently Member of the Legislative Council of the Hong Kong Special Administrative Region, representing the Engineering Functional Constituency. He also serves as Chairman of the Business and Professionals Alliance of Hong Kong, Honorary Chairman of the Hong Kong Quality Assurance Agency, member of the West Kowloon Cultural District Authority, member of the Board of Directors of the Airport Authority Hong Kong and Past President of the Hong Kong Professionals and Senior Executives Association, etc. He was Sha Tin District Councilor for many years. His expertise and areas of services cover infrastructure, town planning, environment, housing, technology, industry, education and community service, etc.

About Hong Kong Green Strategy Alliance

Formed by a group of dedicated and enthusiastic environmental professionals in 2012, the **Hong Kong Green Strategy Alliance** (HKGSA) is a not-for-profit organization and a Society registered under the Societies Ordinance under Cap. 151 of the Laws of Hong Kong. The Theme of HKGSA is **"綠色策略，共創未來"**.

HKGSA has been highly active in expressing its views and opinions via LegCo, public media and other channels, as well as joining hands with local and international professional counterparts in organizing seminars and conferences, with an aim to establish a strong platform for networking and knowledge-sharing.

Please visit us at www.hkgsa.org for more details of our numerous exciting events and functions, and our **"Membership"** section on how to join us, free-of-charge.

Hong Kong Association of Energy Services Companies
香港能源服務協會

Mr. Colin TAM (譚兆棟 先生)

Chairman, Hong Kong Association of Energy Services Companies



Colin Tam has over 44 years of experience in USA, Asia, and Middle East as an entrepreneur and C-Suite executive of international companies. He is the current chairman of two NGOs, HAESCO and IPPF. Colin was the founder and CEO of two successful regional energy companies which are now listed on the HK Stock Exchange by their new owners. Now, he is an active developer, strategic advisor, and investor in the following industries: renewable energy, waste to energy, and clean/low carbon technologies. He maintains an extensive network of contacts in the related business, government, and financial sectors. He was a member of the AMCHAM (HK) board and the Expert Committee of the China Investment Association (AIC).

About Hong Kong Association of Energy Services Companies

The Hong Kong Association of Energy Service Companies (HAESCO) was founded in January 2008, and is a professional non-profit trade organization with its headquarters in Hong Kong.

HAESCO places a high priority on making the association a home for the broadest spectrum of market participants, our membership includes a wide range of specialists from the energy and low carbon sector, including ESCO's, legal advisers, facilitators, consultants, financiers, and insurers. We aim to bring about a more liveable Asia by facilitating organizations to leverage the advantages of increased energy efficiency and the application of clean technologies. We will increase the resources and opportunities for Hong Kong-based businesses to carry out clean production and energy efficiency projects throughout Asia.

Hong Kong Environmental Industry Association
香港環保產業協會

Ir Prof Daniel M. CHENG (鄭文聰 教授 工程師) 正高工 *BBS, MH, JP*
President, Hong Kong Environmental Industry Association



Ir Professor Daniel M. Cheng *BBS, MH, JP* is the Managing Director of Dunwell Technology (Holdings) Ltd., he is the Honorary President of Federation of Hong Kong Industries and the President of Hong Kong Environmental Industries Association, Board member of Business Environment Council and Deputy Chairman of Hong Kong Green Strategy Alliance, Member of HKX Advisory Committee. For HKSAR Government, he is also serving as Member of The Chief Executive's Council of Advisers on Innovation and Strategic Development, Member of the Committee on Innovation, Technology and Re-industrialisation, Member of Advisory Committee on Recycling Fund. Member of the Steering Committee on the Promotion of Electric Vehicles.

Prof Cheng was the member of Advisory Committee on Water Supplies (Yr 2016 - 2020), the Council Member of Hong Kong Trade Development Council (Yr 2013 - 2017), the member of Hong Kong Productivity Council (Yr 2009 - 2015) and Vocational Training Council (Yr 2011 - 2015), he was also the Chairman of Federation of Hong Kong Industries (Yr 2015 - 2017) and Past Chairman of Hong Kong Waste Management Association (Yr 2000 - 2001).

Since July 2015, Hong Kong Polytechnic University appointed Prof Cheng as Professor of Practice (Management). The University of Hong Kong (HKU) appointed Prof Cheng as Honorary Professor from Yr 2016 - 2019 and currently Adjunct Professor in the Department of Industrial and Manufacturing Systems Engineering to recognize his continue academic and industrial contribution. Prof Cheng is a Fellow of Hong Kong Institute of Engineers and also Registered Professional Engineer. Prof Cheng graduated from California State Polytechnic University, Pomona, U.S.A. Department of Industrial Engineering in 1981. In February 2014, Prof Cheng was inducted into the "Hall of Fame" by the California Polytechnic University-Pomona, as the first Asian Inductee in the 75th Anniversary.

About Hong Kong Environmental Industry Association

Since its establishment, Hong Kong Environmental Industry Association is dedicated to facilitate the interests and competitiveness of Hong Kong environmental industry, as well as build and maintain a better coordination and communication between environmental companies, government agencies, environmental-related business and organizations in Hong Kong, Mainland China and Overseas. The objectives of HKEnvIA are:

1. To formulate short and long term strategies and action plans to expand Hong Kong's business into environment-related industry;
2. To promote business and technical co-operation with potential partners in Hong Kong, Mainland China and overseas; To develop close network and relationship with the environment-related industries in Hong Kong, Mainland China and overseas;
3. To conduct market research and to establish databases related to environment-related industry;
4. To foster the communication, interaction and co-operation among members and to establish liaison with and convey the collective opinions to government bodies, industrial or trade organizations;
5. To serve the interest, build up the reputation, develop industry specific practices and standards, and promote the image and capabilities of Hong Kong's environment-related industry; and
6. To assist in upgrading the technology, engineering, and management skills of the industry so as to improve its performance and enhance its competitiveness in the international market.

S.T.A.R.S. Foundation
香港可持續科技研策基金會

Mr. Johnny CHONG (莊寧 先生)

Chairman, S.T.A.R.S. Foundation (STARS)



Trained as engineer from The University of Warwick to organize resources to solve problems logically, effectively and being involved in technology transfer, business model development, M&A and IPO consultancy from year 2010, to discover innovative technology fusion with global partners and deliver commercially viable solutions.

Engaging in the research and development of semiconductor materials for 15 years, he is specialty is photochemical semiconductor manufacturing, involving new materials, quantum dot applications, biodiesel and other fields such as new energy power plants in Japan.

Mr. Chong is currently the founding chairman of **S.T.A.R.S. Foundation** (**可持續科技研策基金會**) since 2010, an international non-government organization which focuses in developing technological transfer and innovative technology integration and providing commercially viable business model.

He has been giving speeches in Beijing, Hong Kong, UK and Israel, such as 2010 Shanghai World Expo London Pavilion (上海世博會倫敦館), 2010 Low-Carbon Economy Forum in Diaoyutai State Guesthouse (釣魚台國賓館).

About S.T.A.R.S. Foundation

S.T.A.R.S. Foundation stands for

Sustainable-development

Technology-fusion

Application-cultivation

Research-integration

Strategic-advancement

With the principles of sustainable development, **S.T.A.R.S. Foundation** supports and guides cutting-edge technology companies from all over the world to accelerate their growth on STARS' innovative platform.

STARS Foundation was formed to assist science researchers and innovators to bring about the widespread adoption of sustainable development via commercially viable processes and products for social impact and United Nations Sustainable Development Goals.

Business Environment Council
商界環保協會

Mr. Simon NG (吳家穎 先生)

Chief Executive Officer, Business Environmental Council



Mr Simon Ng is Chief Executive Officer of Business Environment Council. He works closely with BEC Board of Directors in setting and implementing organisation goals and strategies conducive to supporting BEC members and the wider business community in the transition towards net-zero economy and a sustainable Hong Kong. Mr Ng runs BEC's daily operations, leads BEC's policy contributions, and ensures BEC's continuing relevance in bringing and creating value to its stakeholders and the community at large. He is also the Vice-Chair of BEC's three Advisory Groups.

Mr Ng has over 25 years of experience in academic and policy research, project management and stakeholder engagement. In particular, Mr Ng is known for his ground-breaking work on ship emissions inventory and evidence-based control policy in Hong Kong and the Pearl River Delta, and his instrumental role in the Fair Winds Charter – a voluntary business initiative to reduce ship emissions. Before taking the CEO position, Mr Ng was BEC's Director of Policy & Research for 3 years. Prior to joining BEC, he was Chief Research Officer of a Hong Kong based think tank, and held teaching and research positions in several local universities. Currently, Mr Ng is a Member of the Advisory Council on the Environment of the Hong Kong SAR Government, and represents BEC in the Harbourfront Commission. Internationally, Mr Ng is an Expert Member of the UNCRD Regional Environmentally Sustainable Transport Forum in Asia since 2006.

About Business Environment Council

Business Environment Council Limited (BEC) is an independent, non-profit membership organisation, established by the business sector in Hong Kong. BEC is also a tax-exempt charitable organisation under Section 88 of the Inland Revenue Ordinance (Cap 112).

Since its establishment in 1992, BEC has been at the forefront of promoting environmental excellence by advocating the uptake of clean technologies and practices which reduce waste, conserve resources, prevent pollution and improve corporate environmental and social responsibility. BEC offers sustainable solutions and professional services covering advisory, research, assessment, training and award programmes for government, business and the community, thus enabling environmental protection and contributing to the transition to a net-zero economy.

清華大學
Tsinghua University

賀　信

香港氫能聯盟筹委会

譚兆棟主席：

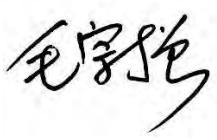
由於不能現場參加香港氫能聯盟成立慶典，特致信向您和香港氫能產業界的各位同仁表示衷心的祝賀！

氫能是實現能源系統脫碳化發展的基石之一，也是未來重要的能源載體。發展氫能產業，不僅能夠促進香港碳達峰、碳中和目標的實現，也有利於香港經濟的綠色發展、助推香港經濟結構轉型升級，並為香港和粵港澳大灣區經濟發展提供新的增長點和就業機會，同時可為香港構建可持續發展的低碳社會做出貢獻。

相信在您的領導之下，在香港各位氫能產業界同仁的共同努力下，香港氫能產業一定會取得巨大的進步，獲得輝煌的成就！

再次向香港氫能聯盟的成立表示熱烈的祝賀！

國際氫能協會副主席
清華大學核能與新能源技術研究院教授



二零二三年十月二十七日

Moderator of Panel Discussions
Honorary Advisor of the HEF4 Organizing Committee



Mr. Dominic YIN (尹德川 先生)

電郵：dyeesco@gmail.com Email：dyeesco@gmail.com

微博號： **HAESCO 尹德川** Weibo No: **HAESCO 尹德川**

個人網址: **道明引玉集.org** (中文) **dominicyin.org** (英文)

協會網址: 大中華持續發展協會 (中文), https://gcsdc.net/ (英文)

教育： 香港慈幼中學第一届中學畢業 (1959)

Graduated in Salesian Secondary School (1959)

美國俄亥俄州州立大學企業管理及工業工程 (1959-1963)

Education: Industrial Management & Industrial Engineering (1959-1963)

現任 (Current)：

1. 香港環保節能有限公司:董事長兼總裁（環保及能源的投資，諮詢及資源整合）
   EESCO P2E2 Hong Kong Ltd.: Chairman & CEO (Investor, Consultant and Facilitator of Environmental & Energy Projects)
2. 三劭企業有限公司:董事長(國際貿易及生產非標零部件)
   Trigo Enterprises Ltd.: Chairman (International Trading & Mfg of non-standard Parts & Components)
3. 天津市南開大學蓖麻工程科技有限公司:副董事長
   (全球唯一的蓖麻綠色潤滑油及飛機可降解航油生產者)
   Vice Chairman of Tianjin Nankai University Castor Engineering Science and Technology Co., Ltd. (Global Unique Castor Lubricant and airplane degradable jet fuel Producer)
4. 中華海外聯誼會兩屆理事及現任名譽理事
   Former Director of China Overseas Friendship Association till 2011 and Current Honorary Director
5. 香港友好協進會董事(創會及現任董事)
   Board Member of Hong Kong Friendship Association since establishment
6. 香港環保產業協會有限公司副主席
   Vice-Chairman of Hong Kong Environmental Industry Association Limited (HKEnvIA)
7. 中國能源投資網資深能源專家及高級顧問
   Senior Energy Specialist and Senior Advisor of Energy R & D Center Under China Energy Investment Association
8. 可持續科技研策基金會國際總會董事
   International Board Director of S.T.A.R.S. Foundation
9. 香港綠色策略聯盟副主席
   Vice Chairman of Hong Kong Green Strategy Alliance (HKGSA)

10. 大中華持續發展協會會長
President of Greater China Sustainable Development Council Ltd.

11. 香港能源服務協會創會主席（2008年)及榮譽主席
Founding Chairman (2008) and Honorary Chairman of Hong Kong Association of Energy Service Companies

12. 盈保先進科技有限公司特邀顧問（固體粉狀氫發明及生產者）
Special Advisor of EPRO Advance Technology Ltd. (Solid State Powder Form Hydrogen Inventor and Producer)

13. 中國科技部中國生產力促進中心協會國際智慧城市研究院獨立香港院:院長
President of Hong Kong Institute under CAPPC International Smart City Research Institute of Ministry of Science & Technology of People's Republic of China

14. 廣州市智慧城市發展促進會終身名譽主席
Life Honorable Chairman of Guangzhou Smart City Development Association

15. 青島福創環境科技有限公司顧問(垃圾處理專業公司)
Advisor of Qingdao Fu Chuang Environment Co., Ltd (MSW treatment)

16. 聯合國發展計劃署碳中和顧問
Advisor of UNDP (Hydrogen & Circular Economy)

前任 (Before)：

1. 中國人民政協成都委員會前任委員
Former Director of Chengdu Committee of Chinese People`s Political Consultative Conference

2. 中國海外聯誼會首屆理事
Founding Director of China Overseas Friendship Association

3. 重慶市海外聯誼會前任常務理事
Founder Executive Director of Chongqing Overseas Friendship Association since 1991

4. 深圳市節能協會兩屆前理事長及現任名譽理事長
Ex-Chairman and current Honorary Chairman of Shenzhen Energy Saving Association

5. 中國全國工商聯合會環境服務業商會發起人
Founder member & Director of Environment Service Association of China Commerce & Industry Association

6. 美國商會能源委員會前主席 (2012-2013)
Former Chairman of Energy Committee of American Chamber of Commerce in Hong Kong (2012-2013)

7. 能效與環保上海聯合體前任名譽理事長兼首席顧問
Founder Honorary Chairman and The Chief Advisor of Shanghai Energy & Environment Coalition Council

8. 前任國資委/中國資源綜合利用協會能源資源綜合利用專業委員會高級顧問
Former Advisor of China Association of Resource Comprehensive Utilization Energy Saving Cooperation Alliance

9. 前任中國能源研究會能效與投資評估專業委員會榮譽顧問
Former Professional Honorary Consultant of China Energy Efficiency and Investment Research Organization

10. 前任中德環保集團顧問 (至 2013)
Former Advisor of Zhongde Environment Group (till 2013)

11. 香港港島青年商會創會會長
Founding President of Island Junior Chamber of Commerce (1967)

12. 世界青年商會參議員 No.8118
JCI Senator No.8118

13. 中華民國全國工業總會理事 (至 1984)
Director of Industrial Federation of Republic of China (till 1984)

14. 台灣區螺絲同業公司理事長 (1979-1984)
Chinaman of Taiwan Fasteners Industries Association (1979-1984)

15. 台灣區手工界同業公司常務理事 (1979-1984)
Executive of Taiwan Hand Tools Industries Association (1979-1984)

16. 香港工業總會理事（1965）
General Committee member of Federation of Hong Kong Industries (1965)

17. 東華三院百週年總理（1970）
Director of Tung Wah Group of Hospital (1970)

18. 香港中華廠商會董事 (1968-1970)
Director of Chinese Manufacturers Association of Hong Kong (1968-1970)

19. 中國治理荒漠化基金會創會常務理事
Founding Executive Director of China Foundation for Desertification Control

20. 台灣新北市綠色能源產業聯盟諮詢及技術顧問 (2013 年至 2016 年)
Consulting and technical Advisor of “Green Industry Association of New Taipei City, Taiwan”. (2013 to 2016)

21. 香港歐盟學術計劃城市創新系列講座榮譽顧問 (2014 年 11 月開始)
Honorary Advisor of EUAP Urban Innovations Programme Under European Union Academic Program, Hong Kong (Starting in September, 2014)

22. CINEV 在 2015 年 11 月於香港舉辦的 智慧城市中的智慧機動”論壇及展覽的顧問
Advisor of “Smart Mobility in Smart City” Forum & Exhibition Under CINEV in Nov 2015 in Hong Kong.

Topic 1: **"Development & Trend of Hydrogen Industry in China"**

主題一：「**中國氫能產業發展及趨勢**」

Dr. ZHANG Yan（張岩 博士）

Director of the Industry Research Department

China Hydrogen Alliance

中國氫能聯盟中國氫能聯盟 研究院-產業研究部主任



Topic 2: **"Chinese Story of Energy Transition – Practices of Integrated Intelligent Energy"**

主題二：「**能源轉型的中國故事 – 綜合智慧能源的實踐**」

Madam ZHAO Fengyun（趙風雲 女士）

President, Integrated Intelligent Energy Professional Committee

China Electricity Technology Market Association

中國電力技術市場協會 綜合智慧能源專業委員會 會長



Topic 3: **"Build the World's Leading Zero-Carbon Industrial System with Hydrogen Technology"**

主題三：「**以氫能科技打造全球領先的零碳工業體系**」

Dr. WANG Xue, Snow（王雪 博士）
Head, Hydrogen Energy Industrialization
Beijing Tsinghua Industrial R&D Institute
北京清華工業開發研究院 氫能業務主管
Head, R&D Application Department
International Hydrogen Energy Center
國際氫能中心 應用研究中心主任



Dr. Wang is a senior engineer, graduated from Tsinghua University in 2015 with a PhD in Chemical Engineering and technology. Long engaged in solid fuel gasification, environmental protection and hydrogen technology R&D and industrialization. Participated in a project of 863 program of the Ministry of Science and Technology, 2 project of the 13th Five-Year key R&D plan (1 as the topic leader) and a project of the Beijing Science and Technology Commission, published 6 articles, authorized 4 patents. Since 2021, she has been the Head of hydrogen energy industrialization of Beijing Tsinghua Industrial R&D Institute and Head of R&D Application Department of International Hydrogen Energy Center, responsible for the industrialization of hydrogen energy technologies in Beijing, Tianjin, Hebei and Mongolia.

王雪 博士，高級工程師，2015 年畢業於清華大學化學工程與技術專業，獲得工學博士學位。長期從事固體燃料氣化、環保和氫能技術研發和產業化工作。參與科技部 863 計畫課題 1 項，十三五重點研發計畫課題 2 項（1 項作為課題負責人），北京市科委課題 1 項，發表文章 6 篇，授權專利 4 項。2021 年起任北京清華工業開發研究院氫能業務主管和國際氫能中心應用研究中心主任，負責氫能科技成果在京津冀蒙的產業化落地。

Topic 4: **"Towngas' Hydrogen Journey towards a Brighter Future"**
主題四：「**煤氣氫能創未來**」

Mr. Simon NGO（敖少興 先生） BSc CEng FHKIE FIGEM
Head of Engineering – H.K. Utility, **The Hong Kong and China Gas Co. Limited**
香港中華煤氣有限公司 工程總監 – 香港公用業務



Mr. Simon Ngo is the Head of Engineering – H. K. Utility of the Hong Kong and China Gas Company Limited overseeing the company's gas production and underground network infrastructures in Hong Kong. He has over 40 years of experience in production, transmission and distribution of town gas which is hydrogen-rich. His span of responsibility covers all engineering aspects from design, planning, construction to operation and maintenance. He is a Fellow of both the Hong Kong Institution of Engineers (HKIE) and the Institution of Gas Engineers and Managers (IGEM), a past Chairman of the IGEM Far East District Section and also a past Chairman of the Gas Discipline Committee of the HKIE. He is currently a member of the Energy Institute Advisory Committee of the Hong Kong University of Science and Technology.

敖少興 先生現任香港中華煤氣有限公司工程總監－香港公用業務，主管香港燃氣生產及地下輸配網路系統。在含氫氣量高的煤氣生產及輸配方面，他擁有超過 40 年經驗，對於燃氣工程的各個範疇，包括設計、策劃、建造以至操作、維護等都擁有豐富經驗。他現時為香港工程師學會及英國燃氣專業學會的資深會員，並曾任燃氣專業學會遠東分區之主席及香港工程師學會燃氣界別的主席。敖少興先生現時是香港科技大學能源研究院顧問委員會的成員。

Topic 5: **"Acceleration to Carbon Neutrality"**
主題五：「**邁向碳中和**」

Mr. Thomas LUI（呂志偉 先生）
Associate Director, Decarbonization Architecture
CLP Power Hong Kong Limited
中華電力有限公司 減碳構建 副總監



Mr. Thomas Lui is a mechanical engineer and a versatile business professional dedicated to the power industry. He has wide ranging experience covering power plant construction and maintenance, business development, training and development, commercial strategy and strategic development. He is currently the Associate Director – Decarbonization Architecture of CLP Power, responsible for devising CLP Power's long-term decarbonization plan in Hong Kong, scoping the pathway towards zero-carbon electricity supply to the customers before 2050.

About the Speech

Hong Kong has ambitious targets to reduce half of the carbon emission by 2035 and then achieve carbon neutrality by 2050. At the peak of Hong Kong's carbon emission in 2014, power generation accounted for around 70% of the emission. It is essential that electricity supply in Hong Kong is quickly decarbonized to set the foundation for the economy and other sectors to reduce their carbon footprint. This presentation will highlight the challenges in this zero-carbon electricity transformation and suggest the potential options for the power sector in the coming few decades.

Topic 6: **"Status and Trends of Waste-to-Hydrogen"**

主題六：「**廢物制氫的現狀和發展趨勢**」

Dr. ZHANG Hanwei（張漢威 博士）

Dean of Research Institute, **Grandblue Environment Co., Limited**

瀚藍環境股份有限公司 研究院 院長



Dr. Zhang has been working for major Waste-To-Energy (WtE) companies of USA and China in the areas of technology development, international business development and operation management. He has been involved in commercial WTE projects globally in the development of feasibility studies and proposals for integrated waste management to achieve commercially viable extraction and recycling of usable materials, combined with energy recovery from the remaining residual waste. He has rich experience on the planning, design, construction, operation and maintenance of WTE plants and waste gasification processes. He is also Vice President Engineering of Global Waste-To-Energy Council.

張博士一直在美國和中國的主要垃圾焚燒發電（轉廢為能）公司從事技術開發、國際業務發展和運營管理方面的工作。他參與了全球範圍內的商業垃圾焚燒發電專案，為 綜合廢物管理制定可行性研究和提案，以實現商業上可行的可用材料提取和回收，並結合剩餘廢物的能源回收。他在垃圾焚燒發電廠和垃圾氣化工藝的規劃、設計、建設、運營和維護方面擁有豐富的經驗。他還是全球廢物轉化能源委員會的工程副總裁。

Topic 7: **"The Roles and Status of Carbon Capture & Storage (CCS) Technologies in Green Hydrogen Economy"**

主題七：「**碳捕獲與封存技術 (CCS) 在綠色氫能經濟的角色和現狀**」

Mr. Samuel TAM（譚兆錚 先生）
Chief Technical Officer, **EnerWaste Asia Pacific Limited**
城智循環有限公司 首席技術官



Mr. Samuel Tam is the Chief Technology Officer of EnerWaste Asia Pacific Limited. Over the past forty years, he has had progressively more responsible assignments in Research & Development, pilot plant design and operation, engineering, business development, project management, and commercialization of technologies and projects related to climate change and the conversion of biomass, oil, natural gas, and coal to hydrogen, power, oil, liquid transportation fuels, and chemicals. From 2014 to 2018, he was the China Chief Representative for the Office of Fossil Energy in the United States Department of Energy. Part of his achievement was in developing six Carbon Capture and Storage (CCS) demonstration projects in China.

About the Speech

According to the 2023 United States National Clean Hydrogen Strategy and Roadmap, demand for clean hydrogen in the United States are 10, 20, and 50 million metric tons (MMT) annually by 2030, 2040 and 2050, respectively. While multiple clean hydrogen production pathways are required to meet this demand, the use of CCS technologies in the production process will significantly reduce the carbon footprints and help to achieve the carbon neutrality targets. This presentation provides an overview of the roles and status of CCS technologies in the gasification of waste and biomass.

Topic 8: **"SGS China Application and Development of Safety Standards for Hydrogen Equipment"**

主題八：「**SGS 與中國氫能設備安全標準應用與發展**」

Mr. Ray ZHAO（趙洋銳 先生）
Senior Business Officer – Hydrogen, **SGS China**
SGS 中國區 氫能高級業務發展官



Mr. Ray Zhao is the Senior Business Officer of SGS China. Member of China SAE. He is EMBA of Tongji University and Marine Engineering bachelor. Previously work at Lloyd's Register, CNOOC and Chipolbrok. Familiar with Hydrogen equipment testing and design of products, such as: Electrolyzer, Fuel Cell etc. Support and consult China Top Hydrogen Company to R&D hydrogen generation system to fulfill CE/ASME standard. Know how about whole supply chain of hydrogen production. Be part of top fuel cell project for EU. Being familiar with standards for Hydrogen generators using water electrolysis Industrial, commercial and residential applications. as: GB 4962, GB 50177, GB 50516, ISO 22734, AS 22734:2020, etc. Support for China hydrogen production group standard and GB standard authoring by TC307 National Hydrogen Energy Standardization Committee. Mainly involved projects："Hai Yang Shi You 981" drilling platform. First export electrolyzer system from China to EU with CE certification, 1st ISO 22734 certification. Fuel Cell CE certification.

趙洋銳 先生是 SGS 中國區氫能高級業務發展官。 中國汽車工程學會會員。同濟大學 EMBA，輪機工程學士。曾在勞氏船級社、中海油和中波輪船工作。熟悉氫氣設備的測試和產品設計，如：電解槽系統、燃料電池等。支持和諮詢中國頂級氫能公司研發製氫系統，以滿足 CE/ASME 標準。瞭解氫氣生產的整個供應鏈。以 CE 標準咨詢師參與研發世界領先燃料電池項目。熟悉水電解氫發生器的國內外標準。如：GB 4962、GB 50177、GB 50516、ISO 22734、 AS 22734 : 2020 等。支持 TC307 全國氫能標準化委員會編寫中國製氫團體標準及中國制氫標準。主要參與項目："海洋石油 981"鑽井平臺。中國向歐盟出口的首套電解槽系統的 CE 認證。 首個 ISO 22734 認證。燃料電池 CE 認證。

Topic 9: **"Wisdom Motors – The Future of H_2 Vehicles"**

主題九:「**威馳騰汽車 – 氫啟未來**」

Mr. Felix XU（許輝 先生）
Chief Strategy Officer & Global Treasurer
Wisdom (Fujian) Motor Co., Limited
威馳騰（福建）汽車有限公司 首席戰略官、全球司庫



Mr. Felix Xu joined Wisdommotor in Jun 2023 as Chief Strategy Office & Global Treasurer, bringing with him 18 years of experience in treasury and finance across Asia Pacific. Before joining Wisdommotor, Felix was a General Partner of SY (6069.HK), looking after relationships with more than 90 financial institutions across Mainland China, Hong Kong, Taiwan, Singapore and North America. Prior to SY, Felix was Treasurer at Fosun Tourism Group (1992.HK), Treasury Executive Director at Fosun International Limited (0656.HK), focused on coordinating the Group's fund raising and capital deployment, overseeing subsidiaries in China, Hong Kong, France and the U.K. Felix started his banking career at National Australia Bank and received his Master Degree from Monash University.

許輝，澳大利亞莫納什大學應用金融學碩士，現任威馳騰汽車首席戰略官兼全球資金負責人。許先生的職業生涯始于澳大利亞國民銀行，擁有逾 18 年在中國內地、香港、澳大利亞、英國及歐洲的金融及全球供應鏈管理經驗。

許先生曾擔任復星國際（0656.HK）資金管理執行總經理、復星旅遊文化(1992.HK）資金管理總經理，牽頭、主導了數十億美元的融資專案，並負責公司資本市場對接以及金融機構的開拓和維護。加入盛業(6069.HK)成為合夥人後，許先生全面負責集團的資金及多元化融資管理工作，公司累積處理供應鏈資產規模近兩千億元人民幣，與大中華、亞洲及北美地區近百家金融機構保持良好合作。

Topic 10: **"Let's Build a Better HK together – Promoting Sustainable Hydrogen Energy Development"**

主題十:「**齊心建設更美好香港 – 推動可持續氫能發展**」

Mr. Anthony POON (潘建邦 先生)
General Manager (Retail), **Sinopec Hong Kong**
中石化香港 零售總經理

Topic 11: **"Type 4 Composite-overwrapped Pressure Vessels Based Hydrogen Storage for Mobility and Distribution"**

主題十一:「**用於燃料電池電動汽車和氫內燃機汽車的 IV 型複合材料外纏繞壓力容器車載儲氫系統**」

Dr. Sergey ULYAKHIN (謝爾蓋 博士)
Chief Technology Officer (China and Southeast Asia)
Hexagon Purus
合斯康新能源 中國和東南亞 首席技術官



Topic 12: **"Hydrogen Value Chain Challenges & Solutions"**
主題十二:「**氫能價值鏈挑戰及 TUV 萊茵解決方案**」

Mr. Rory MENG（孟昭瑞 先生）
Vice General Manager
Asset Integrity Management, Industrial Services & Cybersecurity
TÜV Rheinland Hong Kong Ltd.
TUV 萊茵香港公司 產可靠性管理、工業服務和網路安全 副總經理



Mr. Rory Meng, Vice General Manager of Asset Integrity Management, Industrial Services & Cybersecurity, brings ten years of professional experience in various industries such as machinery manufacturing, automotive, energy, chemical, and lithium battery production. He has worked on product and production safety for over 30 related manufacturers and has led the completion of security management system construction services for more than 8 enterprises.

Mr. Rory Meng has recently presented at events such as ReThink HK - Our Future Energy Fix: Rethinking Strategies and Alternative Value Chains as well as German Chamber - Hydrogen Value Chain Challenges & Solutions. He has also been interviewed by SCMP to share insights on the challenges of adopting hydrogen in Hong Kong.

About the Speech（關於簡報內容）

During the presentation, we will explore the problems and challenges that will be encountered in the development of the hydrogen value chain including production to storage, transportation, and utilization, and provide our solutions to ensure the safe and sustainable development of hydrogen energy.

為了追求可持續和脫碳的未來，氫已成為重要的解決方案。當我們努力減少溫室氣體排放並擺脫化石燃料時，綠氫的開發和利用為實現我們的能源和氣候目標提供了巨大的機會。但是，氫做為清潔能源要替代傳統能源，還有許多挑戰需要克服。在演講中，我們將探討氫產業鏈制、儲、運、用各環節的發展中將會遇到的問題和挑戰，並提供我們的解決方案，助力氫能安全、可持續地發展。

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We sincerely look forward to seeing you again at our future events!

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