

Jointly Organized by (聯合主辦單位) :



《第五屆氫能經濟論壇》

THE 5TH HYDROGEN ECONOMY FORUM (HEF5)

31st October 2024 (Thursday)
10:30am ~ 5:00pm HKT, GMT + 8 (Hybrid Event)
Seminar Room, Hall 3, ECO Expo Asia 2024,
AsiaWorld Expo, Chek Lap Kok, Hong Kong

2024年10月31日(星期四)
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
2024 國際環保博覽 3 號館研討會會場

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

[Languages of the Forum will be in **English** and **Putonghua**. **Simultaneous translation will be provided**)
[論壇將以英語和普通話為語言。會提供即時傳譯]

Synopsis 簡介

Being the 5th consecutive annual forum of the series since 2019, this “**Fifth Hydrogen Economy Forum**” (HEF5) is promised to be another premier event dedicated to the latest policy and technological developments for wider adoption of **Hydrogen (H₂)** in Hong Kong for obvious reasons of environmental friendliness and carbon neutrality. HEF5 will be held in hybrid mode (i.e., both physical attendance and virtual participation).

自 2019 年,《第五屆氫能經濟論壇》(HEF5)是第五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(H₂)**,以達到環保和碳中和的目的。隨著社交和旅行限制的解除,HEF5 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, HEF5 will continue as 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,HEF5 會繼續作為一個**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。



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 **Strategic Partner**. We are delighted that HEF5 continues to be an **Official Event** of the **Eco Expo Asia 2024**.



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的戰略合作夥伴。我們很高興 HEF5 繼續成為 **2024 年國際環保博覽**的官方活動。

Further, we are honored to have **Ir Dr Hon LO Wai Kwok (盧偉國 議員 博士 工程師)** GBS, MH, JP to deliver a Welcome Speech together with senior official of the Government of the HKSAR at HEF5, followed by presentations and sharing by renowned experts in the field of H₂ applications.

此外，我們很榮幸邀請到**盧偉國 議員 博士 工程師** GBS, MH, JP 與香港特區政府高級官員在 HEF4 發表致辭，隨後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 HKTDC ECO Expo Asia Website Events on 31st October Hydrogen Economy Forum <https://www.hktdc.com/event/ecoexpoasia/en/intelligence-hub> or <https://www.starsf.org/hef5> or by scanning the **QR Code** by **23rd October 2024** (Wednesday). Joining instructions for virtual participation will be sent to successful applicants by email **Five (5) days** before HEF5.



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**2024年10月23日**(星期三)之前在香港貿易發展局國際環保博覽網站**研討會及論壇 | 國際環保博覽** (hktdc.com) 或在 <https://www.starsf.org/hef5> 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 HEF5 前五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 HEF5. On approvals of individual speakers, the presentation files will also be uploaded on HKGSA's website (www.hkgsa.org) within fourteen days after HEF5. Continued Professional Development (CPD) certificates will be electronically distributed to participants upon request within four weeks after HEF5. 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**，其中包括每位元演講者的詳細資料以及他們在 HEF5 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 HEF5 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!

HEF5 Rundown / Morning Session (論壇流程 / 上午時段)

10:30 - 10:45	Welcome Address	開幕致辭
15 min	Speaker: Ir Dr. the Hon LO Wai-kwok GBS, MH, JP Chairman, Hong Kong Green Strategy Alliance	發言人: 盧偉國議員 博士 工程師 , GBS, MH,JP 香港綠色策略聯盟 主席
10:45 - 11:00	Keynote Speech	主題演講
15 min	Guest of Honor: Miss. Diane WONG , JP, Under Secretary for Environment and Ecology, HKSAR Government	主禮嘉賓: 黃淑嫻女士 , JP, 香港特別行政區政府環境及生態局副局長
11:00 - 11:15	Group Photos	合影
15 min	Group Photo of Guests of Honor, Leaders of Co-organisers, Guest Speakers and VIP Guests	主禮嘉賓, 主辦單位領導, 演講嘉賓 及VIP 嘉賓合照
11:15 - 11:30	Topic 1 : The Green Transformation of TOWNGAS Group - Hydrogen Energy R&D and Application Sharing	主題一: 香港中華煤氣集團的綠色轉型之路 氫能研發與應用分享
15 min	Speaker: Mr. ZHOU Jun , Executive Vice President of Towngas Energy Research Institute, The Hong Kong and China Gas Co., Ltd.	講者: 周軍先生 , 香港中華煤氣有限公司 港華能源研究院 執行副院長
11:30 - 11:45	Topic 2 : Green Hydrogen Technology Introduction and Engineering Practice	主題二: 氫能整體解決方案與綠氫工程實踐
15 min	Speaker: Mr. ZHENG Fuqiang , Deputy Chief Engineer, Director of International Business Department, Sinopec	講者: 鄭富強先生 , 副總工程師, 中石化國際業務部部長
11:45 - 12:00	Topic 3 : Green Hydrogen and Synthetic Methanol: Paving the Way for a Sustainable Energy Future	主題三: 綠色氫氣和合成甲醇: 為可持續能源的未來鋪路
15 min	Speaker: Mr. Cedric MEBARKI , Senior Innovation Manager, Veolia Asia	講者: Cedric MEBARKI 先生 , 威立雅亞洲高級創新經理
12:00 - 12:15	Topic 4: Challenges and opportunities for Chinese enterprises to participate in the development of international sustainable fuels	主題四: 中國企業參與國際可持續燃料 發展的挑戰與機遇
15 min	Speaker: Mr. YANG Xiaohu , Director & CEO, CIMC ENRIC	講者: 楊曉虎先生 , 中集安瑞科執行董事兼總裁
12:15 - 12:30	Topic 5: Promote the development of the hydrogen economy with the "ENG" model	主題五: 以“企業+社會組織+政府” 三螺旋模式推動氫能經濟發展
15 min	Speaker: Mr. SUN Xiaozhou , Chairman, China Optimization Society of Capital Construction.	講者: 孫曉洲先生 , 中國基本建設優化研究會會長
12:30 - 14:00	Lunch Break (Remark: Food available from local food stalls at guests and attendees'own expenses.)	午餐休息 (備注:食物可從場館內食肆購買, 費用自理。)
90 min		

HEF5 Rundown / Afternoon Session (論壇流程 / 下午時段)

14:00 - 14:15	Topic 6: Hydrogen energy technology-driven carbon-neutral pathway analysis for automotive industry	主題六：氫能戰略情景下，汽車產業實現全生命周期碳中和脫碳路徑
15 min	Speaker: Dr. Mark Ou , Senior Engineer, Greater China, TUV Rheinland	講者：歐潤華博士，高級工程師，TUV萊茵中華區
14:15 - 14:30	Topic 7: How will Hong Kong source its low-carbon hydrogen?	主題七：香港如何採購低碳氫能？
15 min	Speaker: Mr. Patrick COOPER , Chemical Engineer, ARUP	講者：Patrick COOPER 先生，化學工程師，奧雅納
14:30 - 14:45	Topic 8: Achieving Carbon Neutrality via Digital Energy Saving & Carbon Emission Dual Control Management	主題八：達致碳中和的保障 - 數字化能耗及碳排放雙控管理
15 min	Speaker: Mr. CHEN Zhi Xiong , Vice-Chairman of Guangdong Energy Saving Association	講者：陳志雄先生，廣東省節能協會副會長
14:45 - 15:00	Topic 9: Electrolysis of seawater to produce hydrogen	主題九：電解海水制氫
15 min	Speaker: Prof. Kuang Yun , Research Institute of Tsinghua University in Shenzhen	講者：鄭允教授，深圳清華大學研發中心
15:00 - 15:15	Topic 10: Regulatory Control on using Hydrogen as Fuel in Hong Kong	主題十：氫能在香港作為燃料的監管
15 min	Speaker: Miss. Rachel Li , Engineer, Electrical & Mechanical Services Department, HKSAR	講者：李兆英女士，工程師，香港特區政府機電工程署
15:15 - 15:30	Break	休息
15:30 - 17:00	Panel Discussion	圓桌討論環節
	<p>Panellists: Mr. WONG Chuan-fai - Commissioner for Climate Change, Environment & Ecology Bureau, HKSAR, Mr. Jason JIN - Chairman of Shenzhen Hydrogen & Fuel Cell Association, Mr. Leo LU - General Manager of Guangzhou Ballard Power System Co., Ltd., Dr. ZHENG Guangping, Hong Kong Polytechnic University.</p>	<p>嘉賓：黃傳輝先生 - 香港特別行政區環境及生態局氣候變化專員，金曉輝先生 - 深圳市氫能與燃料電池協會會長，陸昕先生 - 廣州市巴拉德動力系統有限公司總經理，鄭廣平博士，香港理工大學</p>
90 min	<p>Moderator: Mr. Colin TAM, Member of Council for Carbon Neutrality and Sustainable Development HKSAR, Chairman of HAESCO, Chairman of HEF5 Organizing Committee Honorary Fouding Advisor, Hong Kong Hydrogen Alliance</p>	<p>主持人：譚兆棟先生 香港特別行政區碳中和及可持續發展委員會 委員 香港能源服務協會 會長 第五屆氫經濟論壇籌委會主席 香港氫能聯盟榮譽創會顧問</p>

Eco Expo Asia 2024



香港貿發局



ECO Expo Asia
International Trade Fair Environmental Protection

The **Fifth Hydrogen Economy Forum** 《第五屆氫能經濟論壇會議》 is an official event of the **Eco Expo Asia 2024**, organized by the **Hong Kong Trade Development Council (香港貿易發展局)** and co-organized by the **Environment & Ecology Bureau**. All participants are encouraged to participate the **Eco Expo Asia 2024** 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 2024**.

《第五屆氫經濟論壇》是 2024 年國際環保博覽的官方活動，由香港貿易發展局主辦，香港環境及生態局協辦。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“2024 年國際環保博覽”，有關詳情請瀏覽 www.hktdc.com/event/ecoexpoasia。

Organizing Committee of HEC5 (籌委會成員):

Chairman:	Mr. Colin TAM	譚兆棟先生 (HAESCO)
Honorary Advisor:	Mr. Dominic YIN	尹德川先生 (HAESCO)
	Ir Prof Daniel CHENG	鄭文聰教授 (HKEnvIA)
Members:	Ir Louis CHAN	陳景豪先生 (HKGSA)
	Ir Edmond FONG	方偉文先生 (HKH2A)
	Mr. Merlin LAO	劉敏智先生 (BEC)
	Mr. Joshua CHAK	翟文浩先生 (STARSF)
Honorary Secretary:	Mr. Peter HO	何基章先生 (HAESCO)

Notes on HEF4 (備註):

- 1) 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 2024** 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“2024 國際環保博覽”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。

- 2) **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。

- 3) **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。

- 4) Registration deadline is **23rd October 2024** 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 2024 年 10 月 23 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。

How to get to Asia-World Expo Convention Centre by **Airport Express + MTR**

\$47
機場快綫
Airport Express

FREE MTR

Tsing Yi Station

AsiaWorld-Expo Station

機場快綫 + FREE MTR Connection

Same Day Return from just **\$47**

如何乘坐 **機場快綫 + 地鐵** 前往亞洲博覽館會議中心

\$47
機場快綫
Airport Express

FREE MTR

青衣站

博覽館站

機場快綫 + 免費港鐵接駁

即日來回只需**\$47起**



Driving 駕車

