

## ORGANISED BY



## STRATEGIC SPONSORS

NextGen

south pole

## EXHIBITOR / SPONSOR

This event is an excellent platform to promote your organization to influential players and investors in the industry. Sponsorship opportunities available include Corporate, Exclusive luncheon & Cocktail sponsor. Contact [sharon@cmtconference.com](mailto:sharon@cmtconference.com) for more information.

Exhibition / catalogue display can be arranged upon request. Contact [grace@cmtsp.com.sg](mailto:grace@cmtsp.com.sg) for more information.

## DAY 1 - 3 DEC 2024, TUESDAY

本会議では日英同時通訳をご提供致します。

The conference will provide a Japanese-English simultaneous interpretation.

08:00	Registrations & Networking Refreshment
09:00	<b>Chairman's Welcome</b> <i>Giji John, Partner,</i> <i>Orrick Herrington &amp; Sutcliffe</i>
09:10	<b>Global hydrogen Market Overview &amp; Potential</b> <i>Hidetaka Endo, Manager (GX business expert) -</i> <i>Techology Development Office,</i> <i>Mitsubishi Kakoki Kaisha</i>
09:40	<b>Unlocking Low-Carbon Hydrogen in APAC: Regulatory Opportunities &amp; Challenges</b> <i>Karthik Kumar, Partner, Renewable Energy, Infrastructure,</i> <i>Orrick Herrington &amp; Sutcliffe</i>
10:10	<b>Financing Bankable Hydrogen Projects</b> <i>Yingying Chen, Director Transition Finance,</i> <i>Standard Chartered Bank</i>
10:40	Networking & Coffee Reception Sponsored by: 
11:10	<b>Low Carbon Solution – Using Tubacoat Technology and Green Hydrogen Production</b> <i>Sanjay Lodha, Global Business Director- Tubacoat/Green Hydrogen,</i> <i>Tubacex</i>
11:30	<b>(Panel) Scaling Up Green Hydrogen Production</b> <u>Moderator &amp; Panel:</u> <i>Giji John, Partner,</i> <i>Orrick Herrington &amp; Sutcliffe</i>  <i>Kenji Konno, Country Manager - Japan,</i> <i>ACME CleanTech Ventures (UK) Private Limited</i>  <i>Sanjay Lodha, Global Business Director- Tubacoat/Green Hydrogen,</i> <i>Tubacex</i>  <i>Alex Bower, Global Head Marketing and Sales Hydrogen,</i> <i>Gentari</i>
12:15	Networking Lunch
13:30	<b>Afternoon Chairman's Introduction</b> <i>Sanjay Lodha, Global Business Director- Tubacoat/Green Hydrogen,</i> <i>Tubacex</i>

13:35	<b>Hydrogen Infrastructure &amp; Supply Chain Development</b> · Traceability, Transportation and Storage Challenges <i>Kentaro Yamaguchi, Group Manager of Overseas Hydrogen Business</i> <i>ENEOS Corporation</i>
14:05	<b>Pioneering the Future: Renewable Energy and the Port of Antwerp-Bruges in the Global Energy Shift</b> · Import of Hydrogen carriers by ship & Hydrogen pipelines to the hinterland · Open access networks for CO2 capture, Ammonia, onshore power system · Toward the Circular Economy <i>Chisato Watanabe, Representative, Japan,</i> <i>Port of Antwerp-Bruges</i>
14:30	<b>Towards Low Carbon in Louisiana</b> · The Energy Addition Space & plans for the future · Working with local industry on low carbon solutions such as CCUS, hydrogen, nuclear energy & renewables <i>Jason Lanclos, Director, State Energy Development &amp; Planning,</i> <i>Louisiana Economic Development</i>
15:00	Afternoon Tea & Networking
15:30	<b>The Gap Between Blue &amp; Green Hydrogen—Where are we heading towards?</b> <b>Virtual</b> <i>Runeel Daliah, Principal Analyst - Hydrogen Lead,</i> <i>Lux Research Inc</i>
16:00	<b>Large-scale Water Electrolysis for Decarbonized Industries</b> <i>Namiko Murayama, Group Manager,</i> <i>Business Development and Sales of Green Hydrogen,</i> <i>Thyssenkrupp Nucera</i>
16:25	<b>(Panel) Electrification to Industrial – Decarbonization with Low-Carbon Hydrogen</b> <u>Moderator &amp; Panel:</u> <i>Sanjay Lodha, Global Business Director- Tubacoat/Green Hydrogen,</i> <i>Tubacex</i>  <i>Mayumi Miyazaki, Business Development Manager,</i> <i>Wartsila Japan Ltd.</i>  <i>Namiko Murayama, Group Manager,</i> <i>Business Development and Sales of Green Hydrogen,</i> <i>Thyssenkrupp Nucera</i>  <i>Brent Lakeman, Director, Hydrogen Initiative,</i> <i>Edmonton Global</i>  <i>Jason Lanclos, Director, State Energy Development &amp; Planning,</i> <i>Louisiana Economic Development</i>
17:15	Closing Remark & Drinks
18:30	End of Day One

産業エネルギー グリーントランジション 2024

# INDUSTRIAL ENERGY

GREEN TRANSITION 2024

HYDROGEN | GREEN STEEL | CARBON REMOVAL  
3 - 5 DECEMBER 2024 / TOKYO, JAPAN

ORGANISED BY



STRATEGIC SPONSORS

## NextGen

## south pole

EXHIBITOR / SPONSOR

This event is an excellent platform to promote your organization to influential players and investors in the industry. Sponsorship opportunities available include Corporate, Exclusive luncheon & Cocktail sponsor. Contact [sharon@cmtconference.com](mailto:sharon@cmtconference.com) for more information.

Exhibition / catalogue display can be arranged upon request. Contact [grace@cmtsp.com.sg](mailto:grace@cmtsp.com.sg) for more information.

DAY 2 - 4 DEC 2024, WEDNESDAY

本会議では日英同時通訳をご提供致します。  
The conference will provide a Japanese-English simultaneous interpretation.

- 08:00 Conference Registration
- 09:00 **CMT & Chairman's Welcome Remarks**  
*Martin Smith, Business Development Director – Asia I&S, Primetals Technologies*
- 09:10 **Green Steel in Asia - Policy, Challenges & Opportunities**
  - Tracking production & supply chain commitment
  - Policy support & technologies for reducing carbon emission in Japan
  - Turning trade challenges to opportunity: Ways to utilize South Korean ETS to accelerate green steel transition
  - Assessing the impact of CBAM on Asia steel industry
  - Exploring policy recommendations for carbon pricing on the steel industry*Kenta Kubokawa, Japan Analyst, Transition Asia*
- Son-U Michael Paik, CEO, GRC Solutions Korea*
- Xinyi Shen, Researcher & China Team Lead, Centre for Research on Energy & Clean Air (CREA)*
- Daseul Kim, Steel Industry Policy Analyst, Solutions for Our Climate (SFOC)*
- 10:30 Morning Coffee & Networking
- 11:00 **Green steel pursuits - enablers & challenges**
  - Clean green & circular steel making
  - Transition plans
  - Innovations & product developments*Gaku Ito, Executive Officer, Osaka Branch, Green EV Steel Team, Tokyo Steel Manufacturing*

Virtual

*Naveen Ahlawat, Head, Power to X, Green Hydrogen, Green Steel & CCUS, Jindal Steel & Power Ltd*

*Azlan Ho, Managing Director, Green Steel of WA*

- 12:20 **Decarbonisation Solutions from a Multi-Energy Company to the Steel Industry**  
*Cyril Duchanois, VP Decarbonization Metals, One B2B Solutions, TotalEnergies*

- 12:45 Networking Lunch Sponsored by:



グリーンスチール アジア太平洋地域

# GREEN STEEL | APAC

04 DECEMBER 2024  
TOKYO, JAPAN

- 14:00 **Afternoon chairperson's remarks**  
*Kenta Kubokawa, Japan Analyst, Transition Asia*
- 14:05 **The Key to Green Finance: How Credible Transition Plans Can Unlock Capital for Steel Companies**  
**Virtual**
  - Delve into the role that sustainable debt markets can play in absorbing transition costs
  - Gain an understanding of how credible transition plans, standards and criteria are critical to credible sustainability-linked bond (SLBs)
  - Explore the relevance of financial actors, companies and policymakers in this transition*Fabio Passaro, Senior Transition Policy Analyst, Climate Bonds Initiative - CBI*
- 14:30 **Low carbon resources & technology enablers towards energy & carbon reduction**  
*Martin Smith, Business Development Director – Asia I&S, Primetals Technologies*
- Cameron Bell, Chief Executive Officer, Pyrochar*
- Peder Osterkamp, Head of Commercial, New Hydrogen Business Stegra*
- 15:50 Afternoon Tea & Networking
- 16:20 **Value chain collaboration as competitive advantage**  
**Virtual**
  - Decarbonisation plan
  - Collaboration with suppliers
  - Transition to circularity*Øyvind Bjørnstad, Head of Sustainability, Vestre*
- 16:45 **(Panel) Industry Perspectives on Carbon-Neutrality Pursuit**
  - On challenges and opportunities in transitioning to low-carbon operations
  - On need for innovation & clean tech investment, adoption of CDR solutions
  - Transition with BECCS*Dr. Julio Friedmann, Chief Scientist & Carbon Wrangler, Carbon Direct*
- Yuki Nakama, Project Head, Green Chemistry Project Advanced Technology Institute R&D Center, Sekisui Chemical*
- Erik Rylander, Head of Carbon Dioxide Removal (CDR), Stockholm Exergi AB*
- Virtual** *Naveen Ahlawat, Head, Power to X, Green Hydrogen, Green Steel & CCUS, Jindal Steel & Power Ltd*
- 17:30 Closing Remark & Drinks
- 18:30 End of Day Two

産業エネルギー グリーントランジション 2024

# INDUSTRIAL ENERGY

GREEN TRANSITION 2024

HYDROGEN | GREEN STEEL | CARBON REMOVAL  
3 - 5 DECEMBER 2024 / TOKYO, JAPAN

ORGANISED BY



STRATEGIC SPONSORS

# NextGen

# south pole

EXHIBITOR / SPONSOR

This event is an excellent platform to promote your organization to influential players and investors in the industry. Sponsorship opportunities available include Corporate, Exclusive luncheon & Cocktail sponsor. Contact [sharon@cmtconference.com](mailto:sharon@cmtconference.com) for more information.

Exhibition / catalogue display can be arranged upon request. Contact [grace@cmtsp.com.sg](mailto:grace@cmtsp.com.sg) for more information.

DAY 3 - 5 DEC 2024, THURSDAY

本会議では日英同時通訳をご提供致します。  
The conference will provide a Japanese-English simultaneous interpretation.

08:00 Conference Registration

09:00 **CMT & Chairman's Welcome Remarks**  
*Dr. Julio Friedmann, Chief Scientist & Carbon Wrangler, Carbon Direct*

09:05 **The push towards carbon neutrality & CDR**

- Strategy & targets
- Role of carbon pricing through emission trading, carbon tax, etc
- Scaling carbon removal through policy

*Kikuko Shinchi, Research Director, Energy & Sustainability Mitsubishi Research Institute Inc*

*Hanna Ojanen, Head of Carbon Markets and Policy Carbo Culture, Inc*

09:45 **CDR-Certification standards, Measurement & Verifications**  
**Virtual**  
*Ian Kuwahara, Director, Energy & Industrial Innovations, Verra*

*Stefan Jirka, Director, Agriculture & Supply Chain Innovation, Verra*

10:20 Networking & Coffee Reception Sponsored by:



10:45 **CDR market trends & buyer perspectives**

- Global CDR market trends including supply and demand dynamics + regulatory & policy developments worldwide
- CDR market developments in Japan
- Learnings from the NextGen CDR Purchase Facility
- First movers & motivations

**Moderator & Panel:**  
*Patrick Buergi, Managing Director Japan, South Pole*

*Hiroaki Sugimori, Director, Decarbonization, Corporate Planning, All Nippon Airways Co., Ltd (ANA)*



炭素除去技術とCDR市場  
**CARBON REMOVAL TECH & CDR MARKETS**  
05 DECEMBER 2024 | TOKYO, JAPAN

Virtual

*Kavickumar Muruganathan, Sustainability & Policy Lead APAC, Microsoft*

*Yoshikazu Hirose, General Manager, Carbon Removal Team, Mitsui O.S.K. Lines*

11:45 **(Panel) Accelerating CDR Deployment - Funding & Investing on CDR Projects**

**Moderator & Panel:**

*Tom Enger, Strategy & Business Development Head, Alcom Carbon Markets*

*Yingying Chen, Director Transition Finance, Standard Chartered Bank*

*Jiro (Miguel) Ogahara, Strategy & Development (Japan) Renewable Energy & Carbon Markets ACT Group*

*Yushi Horita, Account Manager, Carbon Management, New Generation Energy Div., Environment Energy Group, Mitsubishi Corporation*

*Junya Takahashi, Manager, Business Strategy & Development, CCUS & Subsurface Energy Business Unit, Sumitomo Corporation*

12:30 Networking Lunch

13:40 **Afternoon Chair**  
*Adrian Corless, CEO CarbonCapture*

13:45 **Accelerating CDR Deployment – Setting the Scene on Technology Driven Solutions**

- Distinction of the available durable CDR solutions & relevant applications
- Point source CO2 vs CDR
- The need for harmonization
- Pull & push factors

*Alvin Lee, Regional Head, APAC, Puro.earth*

*Sylvia Low, Director Business Development, 1PointFive*

産業エネルギー グリーン・トランジション 2024

# INDUSTRIAL ENERGY

GREEN TRANSITION 2024

HYDROGEN | GREEN STEEL | CARBON REMOVAL  
3 - 5 DECEMBER 2024 / TOKYO, JAPAN

ORGANISED BY



STRATEGIC SPONSORS

# NextGen

# south pole

EXHIBITOR / SPONSOR

This event is an excellent platform to promote your organization to influential players and investors in the industry. Sponsorship opportunities available include Corporate, Exclusive luncheon & Cocktail sponsor. Contact [sharon@cmtconference.com](mailto:sharon@cmtconference.com) for more information.

Exhibition / catalogue display can be arranged upon request. Contact [grace@cmtsp.com.sg](mailto:grace@cmtsp.com.sg) for more information.

DAY 3 - 5 DEC 2024, THURSDAY

本会議では日英同時通訳をご提供致します。  
The conference will provide a Japanese-English simultaneous interpretation.

14:25 **NextGen CDR Announcement**

14:35 **CDR Tech Solution Panel - BECCS/BiCRS**

Moderator & Speakers

*Masao Koyama, Head of Carbon Dioxide Removal, Mitsubishi Corporation*

*Natalie Khtikian, Co-Founder & COO, CO280 Solutions, Inc.*

*Jeremy Huck, Managing Director, Danube CCS Ventures Kft.*

*Erik Rylander, Head of Carbon Dioxide Removal (CDR), Stockholm Exergi AB*

15:15 Afternoon Tea & Networking

15:45 **CDR Tech Solution Panel – Biochar**

Moderator & Panel:

*Alvin Lee, Regional Head, APAC, Puro.earth*

*Mia Chen, Chief Strategy Officer, Tchar*

*Diego Justiniano, CEO, Exomad Green*

*Prateek Tiwari, Founder & Managing Director, Alcom Carbon Markets*

16:25 **CDR Tech Solution Panel – Direct Air Capture**

Moderator & Panel:

*Ayaka Ishiguro, Manager, Business Development, Next Generation Energy Div., Mitsubishi Corporation*

*Trishna Nagrani, Head of Business Development - APAC, Climework*

*Doug Rae, VP, Asia Pacific & Latin America, 1PointFive*

*Patricia Loria, VP, Business Development, CarbonCapture*

*Tetsuo Moriyama, Chief Executive Officer, Carbon Xtract Corporation*



*Andrea Schoen, Head of Strategic Initiatives, Heirloom Carbon Technologies*

*Kei Ikegami, Founder and CEO, Planet Savers*

17:20 **CDR Tech Solution Panel – Carbon Mineralisation/Enhanced Rock Weathering**

*Hanna Ojanen, Head of Carbon Markets and Policy, Carbo Culture*

*Stefano Cappello, CEO, Limenet Tech*

*Kohki Kawaguchi, Assistant Manager, CCUS line, Carbon Management, Environmental Energy Group, Mitsubishi Corporation*

*Shrey Agarwal, Founder & CEO, Alt Carbon*

18:00 Closing Remarks & Drinks

19:00 End of Conference

EVENT AT A GLANCE

 <p>産業エネルギー グリーントランジション 2024  <b>INDUSTRIAL ENERGY</b>  <b>GREEN TRANSITION 2024</b>          HYDROGEN   GREEN STEEL   CARBON REMOVAL</p>		
<b>IEGT 2024 DAY 1</b>	<b>IEGT 2024 Day 2</b>	<b>IEGT 2024 Day 3</b>
 <p>低炭素水素アジア太平洋地域  <b>LOW-CARBON HYDROGEN APAC</b>          03 DEC 2024   TOKYO, JAPAN</p> <p>Registration: 08:00          Conference: 09:00 – 17:00          Welcome Cocktail: 17:00 – 18:30</p>	 <p>グリーンスチール アジア太平洋地域  <b>GREEN STEEL APAC</b>          04 DEC 2024   TOKYO, JAPAN</p> <p>Registration: 08:00          Conference: 09:00 – 17:15          Networking Cocktail: 17:15 – 18:15</p>	 <p>カーボンリムーバル技術とCDR市場  <b>CARBON REMOVAL TECH &amp; CDR MARKETS</b>          05 DEC 2024   TOKYO, JAPAN</p> <p>Registration: 08:00          Conference: 09:00 – 17:45          Closing Cocktail: 17:45 – 19:00</p>

The Industrial Energy Green Transition 2024 (IEGT2024) conference, scheduled for **December 3-5** in **Tokyo**, aims to convene key stakeholders from hard-to-abate sectors to address the urgent need for sustainable energy solutions.

This three-day event will focus on critical themes: Low Carbon Hydrogen, Green Steel in the Asia-Pacific, and Carbon Removal Technologies & CDR Markets. The primary objective of the conference is to facilitate discussions among industry participants regarding the transition to low-carbon energy resources as well as innovative green steelmaking approaches. Participants will explore innovative carbon removal solutions essential for developing effective corporate carbon management strategies. By bringing together industry leaders, policymakers, and innovators, IEGT2024 seeks to foster collaboration and knowledge sharing, which are vital for advancing the green transition in various sectors.

With Japan's commitment to achieving carbon neutrality, this event serves as a platform for stakeholders to engage in meaningful dialogues, share best practices, and identify opportunities for investment and partnership. The conference not only highlights the significance of low-carbon technologies but also emphasizes the importance of collective action in tackling climate change challenges within the industrial landscape.

Register now to enjoy early bird advantage, or contact [grace@cmtsp.com.sg](mailto:grace@cmtsp.com.sg) for more information.

FEES			
US\$	Low-Carbon Hydrogen APAC, 3 Dec	Green Steel APAC, 4 Dec	Carbon Removal Tech & CDR Markets, 5 Dec
per person	995	995	995
Conference Bundle			US\$/per person
<ul style="list-style-type: none"> <li>Low-Carbon Hydrogen APAC, 3 Dec</li> <li>Green Steel APAC, 4 Dec</li> <li>Carbon Removal Tech &amp; CDR Markets, 5 Dec</li> </ul>			2385

**Be a Sponsor or Exhibitor!**

This event is an excellent platform to promote your organization to influential players and investors in the industry. Sponsorship opportunities available include Corporate, Exclusive luncheon & Cocktail sponsor. Contact [sharon@cmtconference.com](mailto:sharon@cmtconference.com) for more information.

Exhibition / catalogue display can be arranged upon request. Contact [grace@cmtsp.com.sg](mailto:grace@cmtsp.com.sg) for more information.

**ORGANISED BY**



**Centre for Management Technology®**  
 into our 41<sup>st</sup> year

**VIEW ONLINE**



SCAN ME