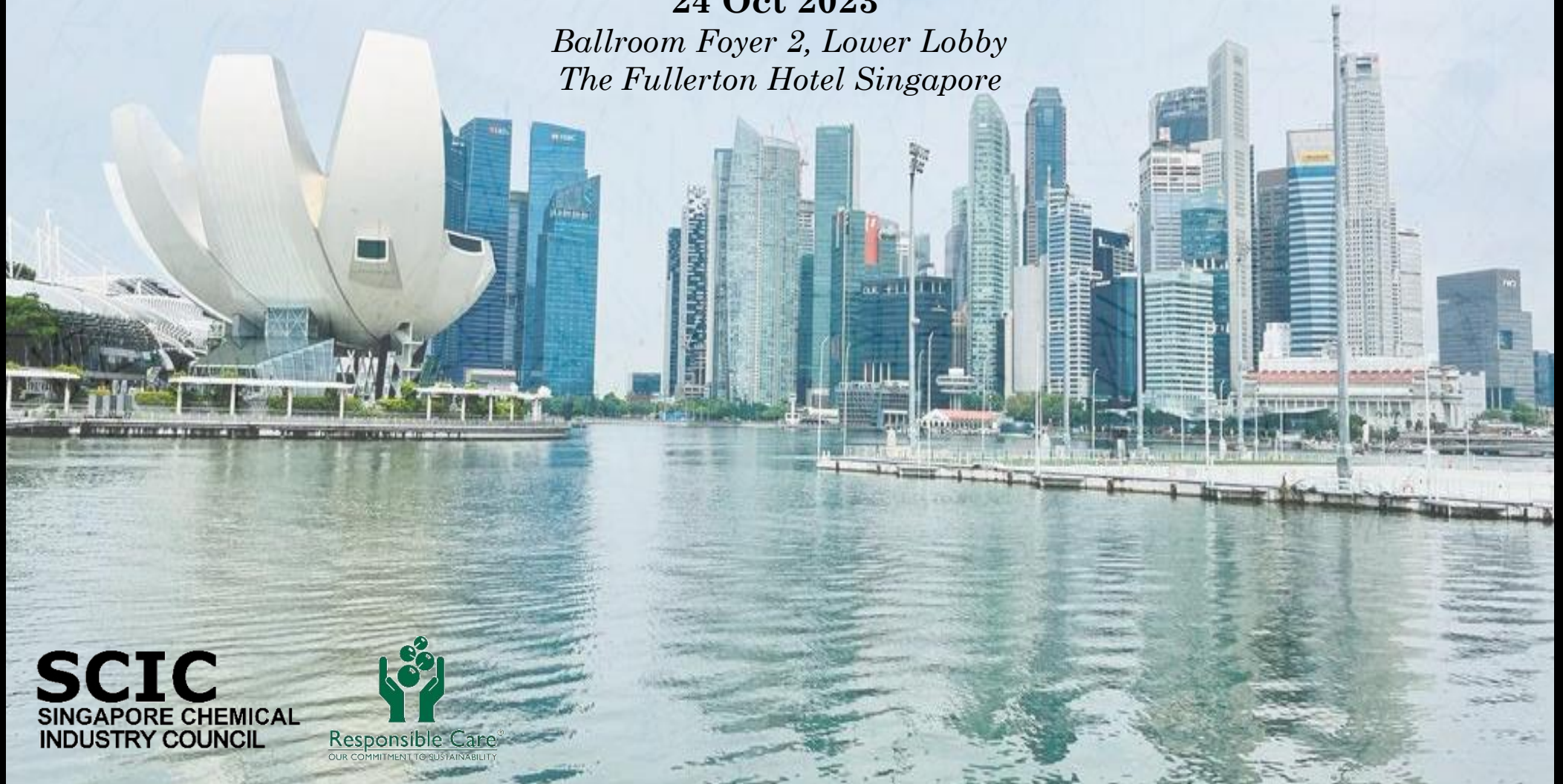


SCIC Sustainability Conference 2023

“Energy Transition Towards a Low Carbon Future”

24 Oct 2023

*Ballroom Foyer 2, Lower Lobby
The Fullerton Hotel Singapore*



SCIC
SINGAPORE CHEMICAL
INDUSTRY COUNCIL



Introduction

Creating a sustainable energy system that can drive a low carbon future is a crucial strategy in addressing global climate change issues and mitigating its impacts. It involves not only the exploration and application of renewable and alternative energy sources, the focus on energy conservation and efficiency is also a key element in the energy transition phase. It drives lower energy consumption and associated carbon emissions without compromising productivity or quality of life.

The process industry is known for its high energy consumption, which makes it an energy-intensive sector. Nevertheless, the industry has a growing emphasis on sustainability and is committed in actively working towards reducing its carbon emissions.

Achieving a low-carbon future through the transition to a sustainable energy system is a gradual process that entails substantial investments in infrastructure and innovative technology development. To achieve this goal, governments, businesses, and individuals all have a role to play and to work collaboratively towards building a more resilient and low-carbon future that benefits both the environment and our economy.

Synopsis

The SCIC Conference 2023 is a highly anticipated event that has been themed around the key topic on "*Energy Transition Towards a Low Carbon Future*".

Sharing a common goal of achieving a sustainable energy system for our future, the conference aims to provide an opportunity for delegates to engage in discussions and insights on the technological advancements, feasible approaches, and policy developments in the field of energy transition. The conference is expected to feature several keynote speakers in the field of energy, sustainability, and climate change who will share their valuable perspectives on creating a sustainable future, highlighting the challenges that need to be addressed and discussing potential solutions.

- ✓ What are the main challenges and barriers to transitioning to a sustainable energy system, and how can we overcome them?
- ✓ What are some of the technologies or strategies for achieving a low carbon energy system?
- ✓ What role do governments, businesses, and individuals play in driving the transition to a sustainable energy system, and how can we create more effective partnerships and collaborations to accelerate progress?
- ✓ What are some of the potential risks and unintended consequences of transitioning to a low carbon energy system, and how can we mitigate them?

Join us in the SCIC Sustainability Conference 2023. It is poised to be an enriching experience for delegates in attendance, inspiring all to take positive action towards a sustainable future.

Message from SCIC Chairman



It gives me great pleasure to welcome all to the SCIC Sustainability conference on “*Energy Transition Towards a Low Carbon Future*”

Energy is a vital component of modern society, powering homes, industries, and transportation. However, the world is facing an unprecedented challenge from climate change issues. The transition to a low carbon future is essential to address this challenge and to ensure a sustainable and livable planet for future generations.

Bringing together diverse range of experts, professionals and thought leaders, this conference not only serves as a platform of knowledge exchange on innovative solutions and approaches to address the challenges of energy transition, it also promotes an opportunity for us to collectively commit and collaborate to taking action towards a sustainable and resilient future

The transition to a low carbon future is imperative. It creates new opportunities for innovation, job creation and economic growth to enhance the overall well-being of society.

I encourage all to engage in productive discussions, share your ideas and to take away valuable insights and lessons that can inform your future actions.

I wish you all a fruitful conference.

Henri Nejade
Chairman
Singapore Chemical Industry Council

Programme Highlights

9.00 am	Start of Registration
9.25 am	Administrative Briefing
9.30 am	Opening Remarks Mr Henri Nejade Chairman Singapore Chemical Industry Council (SCIC)
Transition of Energy Landscape with Exploration of Renewable and Alternative Energy Sources	
9.35 am	<i>Singapore's Business Outlook with Energy Transition</i> EDB Singapore
9.55 am	<i>Low Carbon Economy Outlook for Sustainable Future</i> <i>A low carbon economy outlook envisions the transitioning from a carbon-intensive economy to a sustainable future by reducing greenhouse gas emissions and promoting the use of renewable energy sources.</i>
10.15 am	Networking Tea-Break Session
10.35 am	<i>Low Carbon Economy Outlook for Sustainable Future</i> <i>A low carbon economy outlook envisions the transitioning from a carbon-intensive economy to a sustainable future by reducing greenhouse gas emissions and promoting the use of renewable energy sources.</i>
10.55 am	<i>Charting Singapore's Roadmap....</i> <i>Applications outlook on the use of hydrogen and how it aligns to the National Hydrogen Strategy.</i> Hydrogen and Fuel Cell Association of Singapore
11.15 am	<i>Hydrogen for Land Mobility</i> An insight on hydrogen supply chain distribution and operation for land mobility application, an overview of HRS – hydrogen refuelling station technical reference that is being developed and the roles of AIGA in the hydrogen industry, promoting safe transportation. Nicholas Yong Representation of AIGA – Asia Industrial Gases Association Former AIGA Transport Workgroup B Chairperson
11.45 am	Panel Discussion
12.15 pm	Lunch break

Energy Conservation & Efficiency	
1.20 pm	<p>Better Plants Programme A successful public-private partnership by US DOE to help improve energy efficiency in the industrial sector to reduce carbon emissions.</p> <p>What it takes for Singapore to emulate a similar programme in-terms of effort and resources and what are some benefits for both the Government and Industry?</p> <p>US Department of Energy (DOE)</p>
1.50 pm	SDO (ISO 50001)
2.10 pm	*Siemens (TBA)
2.30 pm	*KBR (TBA)
2.50 pm	Networking Tea-Break Session
Leadership Thoughts & Sharing	
3.10 pm	<p>Low-Carbon Hydrogen Pathways <i>Overview of low-carbon hydrogen production and supply pathways to support Singapore's decarbonization agenda and enable the adoption across different sectors as low-carbon fuel or feedstock.</i></p> <p>Dr. Steve Graville Business Development Director, APAC Clean Hydrogen & Decarbonization Linde</p>
3.30 pm	<p>Journey to Net Zero 2050 <i>BASF believes that chemistry can play a key role in providing solutions addressing the sustainability challenges. Improving energy efficiency, increasing the use of renewable energies, deploying new technologies, collaborating with partners and enabling customers to lower CO2 emissions through provision of sustainable solutions are key aspects of BASF's strategy towards achieving climate neutrality in 2050. Sharing on leadership thoughts and views on BASF's journey on creating a more sustainable future through leveraging on chemistry, innovation and collaboration.</i></p> <p>Vimala Arumugam Managing Director BASF South East Asia Pte Ltd & BASF (Malaysia) Sdn Bhd</p>
3.50 pm	<p>Industry Case Study (PCS) Description</p> <p>Speaker: PCS (TBA)</p>
4.10 pm	<p>Industry Case Study (Neste Singapore) Description</p> <p>Speaker: Neste Singapore</p>

4.30 pm	Panel Discussion Moderator
5.00 pm	End of Conference

*** Note: Above is a draft programme and SCIC reserves the right to amend the programme without prior notice. ***

Conference Registration Fee (Inclusive of lunch and 2 tea-breaks):

- SCIC members fees: \$400 per pax
- Non-members fees: \$550 per pax

*The above rates are subjected to the prevailing 8% Goods and Services Tax (GST)
Confirmation with details will be sent upon receiving of payment.*

Champion / Sponsorship Opportunity

Members who are interested may contact SCIC via secretariat1@scic.sg

How to Register

- For Registration, please click the following:
<https://www.scic.sg/index.php/en/component/rseventspro/event/408-scic-sustainability-conference-2023-energy-transition-towards-a-low-carbon-future?Itemid=220>