

WLPGA Innovation for Growth Summit

*Imperial Hotel
Tokyo, Japan*

Thursday 9th March 2023

8.00 – 8.30

Registration and Coffee

8.30 – 8.45

Welcome and Opening Remarks

- James Rockall, CEO World LPG Association
- Mitsuru Yamanaka, President Astomos Energy, Vice-President JLPGA

8.45 – 9.15

Keynotes

- Bram Gräber, CEO SHV Energy, Vice President World LPG Association
- Prof. Takeo Kikkawa, Vice president, Professor, Graduate School of International Management, International University of Japan Member, the Advisory Committee for Natural Resources and Energy

9.15 – 10.15

Future Fuels and Renewables

Part 1: Renewable LPG

SESSION INFO

The LPG industry offers an exceptional solution on the pathway to a net zero world, particularly as renewable and recycled products become readily available. What pathways need to be explored to ensure that these products take their place on the global low carbon stage.

Green LP Gas in Japan, technology pathways to renewable LPG, carbon footprints, carbon capture,

- Prof. Yasushi Sekine, FRSC, Prof., Ph.D., Applied Chemistry, Director of the Center for Research Strategy, Waseda University, Government Green Innovation Strategy Council Member
- Hiroki Meguro, Group Manager, Carbon Neutral Promotion Group, Corporate Planning & Management Dept., ENEOS GLOBE
- Keith Simons, Head of Research and Development, SHV Energy
- Masayuki Fukushima, General Manager, Frontier Research Dept., Sustainable Technology Laboratory, Furukawa Electric

Moderator and panel discussion: Rebecca Groen, SHV Energy

10.15 – 10.45

Coffee Break

10.45 – 12.00

Future Fuels and Renewables

Part 2: Other Renewable Molecules, Renewable DME

SESSION INFO

Alternative renewable molecules and in particular renewable or recycled DME are potential game-changers to support decarbonisation pathways. This session focusses on some of the most compelling renewables and the opportunities they present.

Renewable and recycled DME & DME/LPG blends, technology pathways, opportunities, challenges, economics, hydrogen and ammonia carbon capture storage and use.

- Dr Yotaro Ohno, Director General, Japan DME Association, President, RenFuD Corporation
- Steve Hallett, WLPGA renewable DME HSE WG chair, Ops Director, Dimeta
- Frankie Ugboma, CEO Dimeta
- Norio Tanaka, General Manager, Business Development Dept., Omega Simulation Co., Ltd..
- Eric Johnson, Managing Director, Atlantic Consulting

Moderator and panel discussion: Eric Johnson, Atlantic Consulting

12.00 – 13.00

Lunch

13.00 – 14.10

Innovation in Applications and Appliances

SESSION INFO

Competitive and efficient applications are the keystone of a modern LPG industry and critical to moving forward to a zero-carbon future. As renewable fuels come into the mix and electrification advances, it is particularly essential to focus on those applications, compatible with future molecules in the industry, and the largely electrified future landscape. What applications should the industry focus on to ensure our industry is equipped for a strong future?

LPG Fuel Cells, Gas Heat Pumps, Hybrids for Heating and Hot Water, LPG Gas Turbines, Marine Applications, LPG Engines.

- Sirou Oohara, General Manager, Fuel Cell Sales Department, Smart Energy System Business Division, Electric Works Company, Panasonic Corporation
- Kyo Kitagawa, Function Evaluation Group, Development 2nd Department Development, Development Division, Yanmar Energy System Co., Ltd
- Tsutomu Sobue, General Manager, Corporate Strategy Div, Rinnai Corporation
- Muneyuki Nishi, Deputy General Manager, International Energy System Sales Dpt. Kawasaki Heavy Industries Ltd
- Takashi Misaka, Deputy General Manager & Manager Design Section, IMEX Co. Ltd

Moderator and panel discussion: Sophia Haywood, Head Advocacy & Communications, Dimeta

14.10 – 14.40

Coffee Break

14.40 – 15.45

Innovation in Safety and Business Improvement

SESSION INFO

“Safety First” underlines the importance of good safety practices in the LPG industry. Business improvement through innovation is a strong and continuous effort. What are the latest technologies and innovations in helping to ensure that both continue to stay a top priority?

AI Advances for LPG operations, safety in road transport, operations and distribution optimisation, smart LPG cylinders.

- Bridget Piraino, SVP Customer Growth, Anova
 - Young Bae Yoon, Manager WEGO, SK Gas
 - Tiago Oliveira, General Manager Amtrol Alpha
 - Zhu Yonghong, Sentech
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- Moderator and panel discussion: Bridget Piraino, Anova

15.45 – 16.00

Closing Remarks and Takeaways

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