

## Science and Sustainability Engagement Series 1: Green Technology Innovations in the Malaysian Palm Oil Industry Downstream Sector Webinar, 27 May 2021

### Science and Sustainability Engagement Series



MPOC's Science and Sustainability Engagement Series is a science-based online platform recently launched to update palm oil industry stakeholders on the latest developments in the area of sustainability, environment, health and nutrition. Experts are invited to present on this online platform regularly to enhance awareness and knowledge-building among industry stakeholders.

The first webinar series, titled "*Series 1: Green Technology Innovations in the Malaysian Palm Oil Industry Downstream Sector Webinar*" was held on 27 May 2021. The event featured 5 presentations from subject matter experts who shared their findings on the current and emerging sustainability issues and developments, particularly on green technology innovations in the palm oil industry's downstream sector.



Moderated by Dr. Ruslan Abdullah, Director of MPOC's Science, Environment and Sustainability Division, these topics were presented by the following speakers in the two-hour long webinar:

- i. ***“Current Status on Hydrogen”*** by Mr. Eiji Ohira, Director General, Fuel Cell and Hydrogen Technology Office, New Energy and Industrial Technology Development Organization (NEDO), Japan
- ii. ***“Sustainable Palm Oil Value Chain based on Circular Economy Concept with a Focus on the Downstream Sector”*** by Professor Ir. Denny Ng, Associate Head, School of Engineering and Physical Sciences, Heriot-Watt University Malaysia
- iii. ***“Green Opportunities in Enhancing the Sustainability of Malaysian Palm Oil Milling Sector - an Industry Perspective”*** by Ir. Hong Wai Onn, Commercial Head, Novozymes Sdn Bhd

- iv. **“Sustainability and Green Technology Innovations in the Malaysian Palm Oil Refining Sector”** by Ir. Shyam Lakshmanan, General Manager, IOI Edible Oils Sdn Bhd
- v. **“Renewable Jet Fuels”** by Dr. Wei-Cheng Wang (Wilson), Associate Professor, Department of Aeronautics and Astronautics, National Cheng Kung University, Taiwan



The webinar managed to attract a good turnout, where it was attended by 302 online participants, as well as generated a lively Q & A discussion. The 2-hour online session concluded with the respective speakers providing their comments on the questions raised. The event ended with the announcement for the next Science and Sustainability Engagement Series (*Series 2: Palm Tocotrienols webinar*), which will take place on 2 June 2021 (3pm-5pm, GMT +8).

*Note: The presentations and the full video recording of the Green Technology Innovations webinar are now available on MPOC’s website, and can be accessed here: <http://mpoc.org.my/green-technology-innovations-webinar/>.*