

# **Workshops on Green Energy & Circular Economy: Advanced Hydrogen Technologies & Applications, Held by ECCT LCI and TPRI, Taipower**

(R&D Planning Office: Ms. Hsiang-Lin Chang)

In response to the global carbon reduction trend, TPRI, Taipower organized a series of Workshops on Green Energy & Circular Economy: Advanced Hydrogen Technologies & Application, together with European Chamber of Commerce Taiwan (ECCT) Low Carbon Initiative (LCI). After the workshop titled "The Strategy and Roadmap for Carbon Neutrality by 2050", held on April 22, 2021, there are several workshops focusing on hydrogen energy technology, solar panel and wind turbine blade circular economy, offshore wind power and energy storage technology subsequently held in the second half of the year, to grasp international trends.

The second workshop titled "Advanced Hydrogen Technologies & Applications" was held on July 6, 2021, with participants of ECCT LCI members and TPC departments, in a total of 260 people. The meeting was co-chaired by Dr. Chung, General Manager of TPRI, TPC and Jennifer Wang, ECCT LCI Steering Committee. We had the honor to have Lee Chun-Li, Deputy Director-General, BOE, MOEA to deliver the opening speech, Air

Liquide, Ørsted Taiwan, Jera Energy & IHI, and TUV Rheinland to share their experience in advanced hydrogen technologies and applications. It is worthwhile to mention that the discussion topics include "European green hydrogen policy and application", "Hydrogen industry supply chain analysis", "Hydrogen/ Ammonia Co-firing in Boiler", and "Process Safety Solutions for Hydrogen Production, Transportation and Storage". In the workshop, participants had thoroughly exchanged their opinions about the current status and prospects of the global hydrogen energy industry, which may very well serve as reference for Taipower to organize its hydrogen technology strategies.

As Taiwan's main power supplier, Taipower needs to be prepared and quickly respond to the global net zero carbon emission trend. In the future, TPRI will continue holding a series of green energy exchange workshops with ECCT LCI. The worldwide experiences may help us develop the most suitable way to achieve the goal of 2050 net zero emission.

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Opening Remarks

**Lee Chun-li**

Deputy Director-General  
Bureau of Energy  
Ministry of Economic Affairs  
(MOEA)



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