

Workshops on Green Energy& Circular Economy- Issues Faced by Power Company in Response to the Development of EV Held by ECCT LCI and TPRI of Taipower

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In response to the global carbon reduction trend, TPRI of Taipower organized the "Workshops on Issues faced by power company in response to the development of EV" with European Chamber of Commerce Taiwan (ECCT) Low Carbon Initiative (LCI) in the afternoon on February 16, 2022. The meeting was co-chaired by Dr. Chung, General Manager of TPRI, TPC and Giuseppe Izzo, Chair of ECCT LCI Steering Committee.

The participants include members from the ECCT LCI and relevant departments of TPC. A total of 110 people participated in this online workshop. Bureau Veritas, Gaius Automotive, Hitachi Energy, and Scania were invited to share their experience for business management of EV charging system and establishment and acquisition of relevant certifications. Discussed topics included "Introduction to Domestic and Foreign Certification of Electric Vehicle Chargers", "Discussion and Challenges Faced in Creating the Electric Motorcycle Charging Ecosystem", "Smart, Efficient and Green eBus Charging System - Hitachi Energy

Experience", and "The Road to Electrification of Heavy Commercial Vehicles". This workshop deeply discussed how power industry should deal with the certification of EV charging system, business models, market cases and the ecosystem of international EV charging market, which can be used as a reference for Taiwan Power Company to organize our development strategies of electric vehicle charging system in the future.

As Taiwan's main power supplier, Taipower needs to actively prepare and respond to the international trend of net zero carbon emissions. In the future, TPRI will continue to hold a series of green energy exchange workshops with ECCT LCI. By learning from the experiences of various countries, we hope that we can develop the most suitable way to reduce carbon emission in Taiwan. The next following workshop will be held in April 2022 and focus on fan blade recycling. TPRI will continually and truly help grasp international trends about energy development.

Opening Remarks

Giuseppe Izzo

Chair
ECCT LCI



EUROPEAN CHAMBER OF COMMERCE TAIWAN
歐洲在臺商務協會 Low CARBON INITIATIVE



充電模式去中心化 vs 換電模式中心化

充電

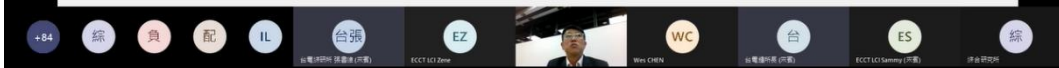
1. 能源點有電有車位可自由建置
2. 電池充飽可掌握
3. 充電費用由市場決定

充電模式是去中心化的模式，不只是讓能源補充方式開放給政府、台電、商場/停車場/店家/大樓/社區/車主、合作企業等，多元的商業模式

換電

1. 能源點掌控在換電公司
2. 換不到飽電電池
3. 資費掌握在換電廠商

換電模式採中心化，由某一特定公司管控能源補充方式，並負責能源補充的站點，不僅較封閉，也只有一種商業模式



充電技術 Charging technologies

