

2025

JUNE

Newsletter



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中華民國全國商業總會
General Chamber of Commerce of the Republic of China

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News



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2. The General Chamber of Commerce Urges Hypermarkets, Supermarkets, and Convenience Store Chains to Implement Energy-Saving Measures for Refrigeration and Freezing Equipment to Create an Energy-Efficient Environment

National Association of Industry and Commerce Hosts Seminar on “Corporate Energy Conservation, Carbon Reduction, and Accelerated Net-Zero Transformation”



Considering global trends in energy conservation, carbon reduction, and net-zero transformation, the National Association of Industry and Commerce of the Republic of China held a seminar on “Corporate Energy Conservation, Carbon Reduction, and Accelerated Net-Zero Transformation” on the afternoon of June 5, 2025. The seminar aimed to facilitate dialogue and discussion between industry professionals and experts to jointly explore response strategies. The event was chaired by Director Yu Chien-Chung of the Environmental Sustainability Committee.

Distinguished speakers included Professor Pen-Chi Chiang, Distinguished Chair Professor at the Graduate Institute of Environmental Engineering at National Taiwan University and Executive Committee Member of the Taiwan Institute for Sustainable Energy, Professor Lee Chien-Ming, Adjunct Professor at the Graduate Institute of Natural Resources and Environmental Management at National Taipei University and Chairman of the Taiwan Low Carbon Society and Green Economy Promotion Association, as well as Secretary-General Liu Shou-Jen of the association.

The meeting opened from Chairman Hsu Shu-Po, who emphasized that energy conservation, carbon reduction, and net-zero transformation are globally significant industrial issues, and critical indicators for corporate sustainable development (ESG). The Ministry of Environment has expanded the scope of carbon inventories to include service industries, transportation, and medical centers, with over 500 enterprises required to file their reports by next year (2026).

With the global push for carbon reduction, future pressures and operational costs from net-zero transformation and green supply chains are expected to significantly impact the service sector — including information services, department stores and shopping centers, hypermarkets, hotels, convenience stores, passenger and freight transportation. Small and medium-sized enterprises, in particular — many of which are closely tied to daily life but have limited resources — will bear the brunt. It is hoped that through this seminar, businesses can seize transformation opportunities and enhance their green competitiveness.

Professor Pen-Chi Chiang presented on “Future Challenges and Innovative Strategies for Decarbonizing Supply Chains,” exploring the evolution from global value chains, green supply chains, and sustainable supply chains toward decarbonized supply chains. He highlighted that decarbonization involves various aspects such as policy guidance, corporate governance, green design, resource recycling, and partnerships. Different industries have proposed tailored carbon reduction strategies — such as the construction industry using low-carbon materials and prefabricated methods; the food industry promoting regenerative agriculture and green logistics; the fashion industry adopting circular economy practices and process optimization; the electronics industry enhancing energy efficiency and resource management; the chemical industry developing biodegradable materials and recycling initiatives; and the service and automotive/transportation sectors implementing digitalization and energy transformation for carbon reduction.



He suggested that to meet decarbonization challenges, companies must address issues such as lack of transparency in carbon data, varied supplier capabilities, immature low-carbon technologies, frequent regulatory changes, and limited consumer awareness. Viable innovative strategies include implementing digital carbon management systems, strengthening cooperation with suppliers, developing low-carbon technologies and infrastructure, adapting to carbon market mechanisms, and promoting market education and brand marketing. Public-private cooperation is essential for advancing carbon reduction policies, carbon inventories, and emissions trading, while leveraging green finance and AI technology subsidies. Overall, businesses must work on technological innovation, regulatory adaptation, and cross-sector collaboration to enhance the resilience and global competitiveness of their supply chains.

Professor Lee Chien-Ming discussed “Corporate Net-Zero Sustainability Governance Issues,” covering topics such as sustainability taxonomy, carbon credits and sinks, the application of energy-saving insurance, and indigenous carbon sinks. He emphasized that companies facing supply chain and financial pressures need to balance financial performance (EPS) with green performance (GPS), and adopt carbon footprint management and transition finance. His presentation introduced the EU Taxonomy and the Financial Supervisory Commission’s “Reference Guide for Recognizing Sustainable Economic Activities,” which help companies assess sustainability based on three principles: “Substantial Contribution,” “Do No Significant Harm,” and “Social Safeguards.”

He also introduced three “carbon reduction levers” : (1) energy-saving insurance (ESI) to help SMEs mitigate energy-saving risks; (2) carbon handprint strategies to create positive environmental impact along the supply chain; and (3) indigenous carbon sinks that integrate local ecology, employment, and social value to enhance corporate ESG initiatives.

He cited the “Revival No. 1” forest carbon sink project as an example of indigenous carbon reduction potential and implementation. Professor Lee encouraged Taiwanese businesses to work across government departments and industries, leveraging natural carbon sinks, green finance, information disclosure, and local revitalization to build resilient and competitive net-zero transformation pathways.

The professional presentations by both professors received strong responses from attendees. Around 20 participants were present, representing industries such as plastic products, insurance brokerage, hearing aids, environmental testing, freight transportation, public bus services, financial services, lighting technology, construction and development, and new materials.

Many industry representatives engaged in in-depth dialogue with the experts regarding challenges in energy conservation and carbon reduction, as well as business opportunities in net-zero transformation.

Director Yu Chien-Chung and Secretary-General Liu Shou-Jen also shared their observations on policy trends. The event concluded successfully in a warm and engaging atmosphere.



The General Chamber of Commerce Urges Hypermarkets, Supermarkets, and Convenience Store Chains to Implement Energy-Saving Measures for Refrigeration and Freezing Equipment to Create an Energy-Efficient Environment

In full support of our country's 2050 net-zero emissions target, the National General Chamber of Commerce is this year focusing on businesses equipped with energy-saving refrigeration and freezing systems, promoting the implementation of energy-saving measures. Refrigeration and freezing equipment account for approximately 30% to 40% of electricity consumption in service sectors such as hypermarkets, supermarkets, and convenience stores. Improving the energy efficiency of such equipment not only helps reduce operational costs but also enhances corporate image and supports sustainable business operations.

The Chamber is strongly calling on 12 major chain enterprises in Taiwan, including discount warehouse, supermarkets, and convenience stores, to voluntarily adopt energy-saving measures for their refrigeration and freezing systems.

This initiative is not only a commitment to energy conservation and carbon reduction, but also a demonstration of concrete action. It aligns with the collective efforts of the public in protecting the planet, while also creating a more comfortable and energy-efficient shopping environment for consumers.

Key industry players such as Carrefour Taiwan (Carrefour Supermarket), Carrefour Easy Buy, Far Eastern City super, Taiwan Homemakers United Consumers Cooperative, Hi-Life International Co., Ltd., and Surewell Wholesale ., Ltd. have been invited to participate in this initiative.

Their involvement reflects a proactive corporate attitude toward energy conservation and carbon reduction, as well as a strong sense of social responsibility. Together with the public, they aim to support and promote these sustainable practices.

In addition to actively responding to this initiative, participating companies are also replacing and maintaining critical refrigeration equipment such as main refrigeration units, freezers, and cold storage rooms, ensuring effective energy monitoring and management. Achieving net-zero is not just a dream—it begins with everyday choices. Enhancing the energy efficiency of refrigeration and freezing equipment is a crucial step toward achieving the 2050 net-zero goal.

The Chamber will continue to expand its efforts, inviting more businesses to join the “Energy Efficiency for Refrigeration and Freezing Equipment” initiative.

At the same time, it will strengthen advocacy for the benefits of carbon reduction and promote a shared industry commitment to energy-saving and environmental stewardship. Through continuous effort, the aim is to foster a new energy-saving trend in the industry and boost corporate capabilities in transitioning to low-carbon operations. Low carbon is not the future—it is the present. With joint effort, we can create a better, greener environment for our planet.

