

SDG.7.4.2

Expanding Renewable Energy and Sustainability Beyond Campus

In line with global net-zero goals and Taiwan's energy transition policy, the National University of Kaohsiung (NUK) held the ISO 50001 Energy Management System Kick-off Meeting on April 14, 2025. NUK initiated its energy management system project, targeting completion and certification by December 2025. The initiative not only enhances energy efficiency on campus but also serves as a foundation for promoting renewable energy practices in surrounding communities and partner institutions. The website: <https://www.nuk.edu.tw/p/404-1000-87444.php?Lang=zh-tw>

NUK continues to extend its sustainability efforts beyond the campus through cross-sector partnerships. On May 22, 2025, NUK and the Kaohsiung Wild Bird Society renewed the "Oriole Conservation Base Alliance", reinforcing collaboration in biodiversity protection, ecological education, and sustainable regional development. Since 2021, this partnership has fostered public awareness of habitat conservation and strengthened links between renewable energy adoption and ecosystem preservation in southern Taiwan. The website: <https://www.nuk.edu.tw/p/404-1000-88627.php?Lang=zh-tw>

In addition, under the dedicated leadership of former President **Yueh-Tuan Chen**, NUK achieved remarkable progress in promoting renewable energy and sustainable development. Major accomplishments include:

1. NUK established an alliance with Chunghwa Post and Agricultural Bank of Taiwan to promote net-zero transformation, "SDGs + ESG specific Action Plans". The website: <https://www.nuk.edu.tw/p/404-1000-53393.php?Lang=zh-tw>. In May, at the opening ceremony of the University's Sustainability Week, President Chen Yue-duan led all faculty members, students, and guests to respond to the "Zero Emissions by 2050", and declared the six directions of the "Green University" endeavors. The website: <https://www.nuk.edu.tw/p/404-1000-54778.php?Lang=zh-tw>.
2. The New Energy and Electricity Development Center of the University

is dedicated to the following: <http://need.nuk.edu.tw/>

- (1) Assisting in the verification and certification of T-REC renewable energy equipment in southern Taiwan;
 - (2) Training professional manpower for renewable energy verification and certification. In terms of university education, the training of renewable energy certification verification and inspection personnel will become a new channel to assist youth employment, and through the establishment of an appropriate license system, the Ministry of Economic Affairs (MOEA) will be able to create a new job market;
 - (3) Promoting T-REC applications to create a circulating supply;
 - (4) Assisting in the introduction of international quality labeling, and strive for international recognition: the University has formed a promising partnership with Mr. Steven Vanholme, Program Manager of EKOenergy ecolabel and will take advantage of his and his Organization's expertise to promote the T-REC quality labeling. The website: <http://www.ekoenergy.org/> .
3. Organize the 9th Annual Cross-Strait Science and Technology Management Conference on October 21st and 22nd. The theme of this conference focuses on sustainability, environmental protection and intelligence, and is in line with the 26th Conference of the United Nations Framework Convention on Climate Change (UNFCCC COP26), which calls for more proactive climate action to achieve the net zero 2050 goal. The website: <https://www.nuk.edu.tw/p/404-1000-58505.php?Lang=zh-tw>