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[SDGs 17] Partnership for the Goals 全球夥伴

[17.2.2] Does your university as a body initiate and participate in cross-sectoral dialogue about the SDGs, e.g. conferences involving government/NGOs?

NCUT's efforts focus on advance the United Nations' Sustainable Development Goals

National Chin-Yi University of Technology (NCUT) actively **initiates and participates in cross-sectoral dialogue** to advance the United Nations' **Sustainable Development Goals (SDGs)**. These dialogues, facilitated through **conferences, forums, and partnerships**, bring together **government bodies, NGOs, academic institutions, and industry stakeholders**. NCUT's efforts focus on **collaborative solutions to environmental, economic, and social challenges** aligned with global sustainability priorities.

These events often involve representatives from the **Taichung City Government, Taiwan's Environmental Protection Agency, and regional NGOs**. Discussions focus on promoting **green manufacturing, waste reduction strategies, and environmentally friendly practices** across industries. NCUT's leadership facilitates policy recommendations and actionable initiatives to guide **Taiwan's sustainable development agenda**.

NCUT jointly promotes the country's first "New Taipei Green Collar Talent Cultivation Program" in three major areas to build a net-zero future

The New Taipei City Education Bureau recently held a press conference to introduce the nation's pioneering "New Taipei City Green Collar Talent Cultivation Program." This initiative is a collaborative effort involving the Environmental Protection Bureau, the Economic Development Bureau, the **National Chin-Yi University of Technology**, St. John's University, the Green Energy Industry Alliance, and other industry, government, and academic organizations. Together, they aim to pool resources and foster green-collar talent, driving New Taipei City towards its goal of becoming a net-zero city.

Vice Mayor Liu, He-Ran announced that the program, slated to run from 2024 to 2030, will receive an investment of NT\$30 million. This funding will be allocated to the phased implementation of talent cultivation in three key areas: "green literacy, green science, and green skills." The overarching objective is to establish a conducive learning environment that nurtures green-collar professionals capable of supporting New Taipei City's net-zero ambitions. **Through this initiative, the city aspires to create a sustainable and environmentally conscious society for future generations.**



During the press conference, Vice Mayor Liu Heran awarded certificates to the first six technical and vocational green-collar seed teachers in the country, recognizing their significant contributions and leadership in the field of green education. These seed teachers are entrusted with the important task of integrating green-collar literacy into school curricula and nurturing the next generation of green professionals. Their efforts will play a pivotal role in advancing environmental education and fostering sustainability.

The event also featured a carbon-reduction cooking demonstration by catering students Shi Quanfeng and Zhuang Junwei from Ku Pao Economics & Commercial High School. This demonstration not only promotes sustainable living practices but also symbolizes New Taipei City's commitment to innovation and progress in cultivating green-collar talents.

Chen, Hao-Ran, principal of Jhangshu International Creative Technical High School, highlighted the school's collaboration with the **NCUT Carbon Neutrality Center**. Together, they have conducted the country's first carbon inventory for a technical high school. Additionally, the school has partnered with St. John's University and Taiwan Normal University to develop specialized green-collar literacy lesson plans. These initiatives, encompassing practical and theoretical aspects, aim to deepen students' understanding of green energy and sustainable development. Through diverse learning channels such as special projects, industrial internships, and international exchanges, the school endeavors to create a comprehensive green-collar ecosystem, nurturing students to become environmentally conscious and skilled professionals.

NCUT President Chen, Wen-Yuan expressed his conviction that the school and the New Taipei City Government share a firm commitment to cultivating green-collar talents. In line with this vision, the university pledges to support high-tech students by organizing summer camps, arranging expert lectures for teachers, and assisting in the review of high-tech green-collar material lesson plans. Through these initiatives, NCUT aims to comprehensively promote the fundamental principles of green sustainability, using innovative approaches such as hen raising chicks as educational tools. Additionally, the university hopes that this collaboration will provide high-tech teachers and students with valuable insights into future employment trends, enhancing their preparedness for the evolving job market.





Taichung-Changhua-Nantou Regional Branch, WDA, MOL takes root on campus and sets up career action center

To cultivate young talents and support their engagement in key national industries, the Workforce Development Agency of the Ministry of Labor, Taichung-Changhua-Nantou Regional Branch (WDA, MOL), convened a symposium inviting the principals of 22 colleges and universities in Taichung-Changhua-Nantou District. The symposium focused on youth employment, providing the latest information on the Ministry of Labor's youth job search initiatives and entrepreneurial skills enhancement. Additionally, to bolster support for young people in schools preparing for job hunting, the Central Branch Office plans to collaborate with universities and colleges to establish on-campus "Youth Salon" career action centers this year. These centers will offer a career service area and resident professionals to assist students in clarifying their career direction, improving job search skills, and accessing industrial job vacancies. This initiative aims to strengthen students' employment-related knowledge, build their personal employability, and facilitate a successful transition into the workplace after graduation.

Liu, Shiu-Chen, director of Taichung-Changhua-Nantou Regional Branch, WDA, MOL, emphasized that committing to youth employment is a shared goal of the Ministry of Labor and higher education institutions. The Taichung Branch focuses on cultivating young talents and supporting young people in planning their careers. It collaborates with administrative institutes to promote Phase 2 of the "Investment in Youth Employment Program" and proposes goals and strategies such as "setting directions, increasing talents, and promoting employment." The meeting, attended by principals and representatives from 22 schools including National Chi Nan University, National Changhua Normal University, Taichung University of Science and Technology, and **NCUT**, emphasized the importance of the resource link between the government and schools in providing young people with more direct and customized assistance measures needed for employment.

Branch Director Liu further pointed out that **the Central Branch has collaborated with various universities and colleges over the years to promote various youth employment measures and related subsidy programs.** In addition to the "College Youth Pre-recruitment Program" launched in 2012, which is a joint collaboration between industry, government, and academia and has garnered favor from schools, it will be further expanded this year. The program is expected to establish career action centers in seven colleges and universities, which will serve as hubs for providing various services such as career consultation, career suitability testing and interpretation, resume clinics, and group job search workshops. Specialized personnel will be stationed in these centers to offer exclusive career services and activities tailored to the individual needs of schools and departments. These may include leveraging the resources of the Central Branch to conduct vocational training or talent recruitment briefings, organizing lectures on key industries, facilitating corporate visits or experiences, and more.

In terms of software and hardware equipment, the centers will provide AR and VR industry introduction videos, mock interviews, Harry Jobs career games, small laser engraving machines, and other resources. The aim is to ensure that young people in schools under the jurisdiction will not navigate the job hunting journey alone, but will have the companionship and support of the Ministry of Labor along the way.



The carbon neutrality center of NCUT

To achieve energy saving and carbon reduction

With the increasingly severe impact of global warming, the international upsurge of carbon neutrality has begun to set off, that is, to make carbon management plans in advance. Practicing energy conservation and carbon reduction, and finally obtaining external emission reduction quotas to offset the remaining emissions, so that there is no net increase in greenhouse gases in the atmosphere.



In order to pursue the sustainable development of the country, the Executive Yuan adopted the "Sustainable Energy Policy Framework", which, in addition to setting the goals of **energy conservation and carbon reduction**, requires that policy planning should have the concept of carbon neutrality. That is to say, relevant policies must have the concept of carbon management. First, the carbon footprint should be checked and quantified, and then the carbon footprint should be reduced as much as possible, so as to achieve the goal of carbon neutrality.

There is growing evidence that increasing frequency of extreme weather is closely related to greenhouse gas emissions.

In response to this challenge, the international upsurge of voluntary carbon neutrality has begun. First, the carbon neutrality target is set, the greenhouse gas inventory is completed, and the internal reduction is carried out. Finally, the remaining emissions are exchanged for the external reduction quota, so that there is no net increase in the greenhouse gas in the atmosphere.

In order to meet the national carbon reduction goal, **NCUT established a carbon neutralization center** in July 2022. The goal of the center is to assist SMEs to build greenhouse gas inventory, product carbon footprint inventory and carbon reduction capabilities, and reduce pressure from international net zero trends, supply chain requirements and national carbon border adjustment mechanisms.

The increasing impact of global warming has prompted a worldwide movement toward carbon neutrality. This involves proactive carbon management planning, which includes energy conservation, carbon reduction practices, and the acquisition of external emission reduction quotas to offset any remaining emissions. The ultimate goal is to ensure that there is no net increase in greenhouse gases in the atmosphere.

To pursue the sustainable development of the country, the Executive Yuan has adopted the "Sustainable Energy Policy Framework," which not only sets goals for energy conservation and carbon reduction but also emphasizes the incorporation of carbon neutrality concepts into policy planning. This means that policies should prioritize carbon management. The process typically involves quantifying the carbon footprint, implementing measures to reduce the carbon footprint as much as possible, and ultimately achieving the goal of carbon neutrality.

There is a growing body of evidence linking the increasing frequency of extreme weather events to greenhouse gas emissions. In response to this challenge, there has been an international surge in voluntary carbon neutrality efforts. The process typically begins with setting a carbon neutrality target, followed by completing a greenhouse gas inventory, implementing internal reduction measures, and finally exchanging remaining emissions for external reduction quotas. The overarching aim is to ensure that there is no net increase in greenhouse gases in the atmosphere.

To align with national carbon reduction goals, NCUT established a **carbon neutralization center** in July 2022. The center's primary objective is to assist small and medium-sized enterprises (SMEs) in

developing **greenhouse gas inventories**, **product carbon footprint inventories**, and **carbon reduction** capabilities. By doing so, it helps SMEs alleviate pressure arising from international net-zero trends, supply chain requirements, and national carbon border adjustment mechanisms.

This proactive approach to **carbon management and reduction** not only contributes to **environmental sustainability** but also ensures that businesses and organizations remain competitive in a global context, where carbon neutrality is increasingly regarded as a critical factor in addressing climate change.



NCUT set up "Myanmar high-tech talent training base" for overseas students

The "Myanmar High-tech Talent Training Base," a collaborative effort between the National Chin-Yi University of Technology (NCUT) and the Overseas Chinese Committee, was officially inaugurated on the 16th. This initiative aims to foster the development of more high-tech talents within the overseas Chinese community.

President Chen, Wenyuan highlighted that NCUT has established a four-year overseas youth industry-university cooperation special class tailored for overseas students. The program anticipates enrolling 80 students across two classes. In addition to specialized coursework, students will have access to free Chinese language courses. To provide comprehensive support, a dual-tutor system will be implemented. In addition to academic tutors for course-related studies, life tutors will be available to assist Burmese students in adapting to life in Taiwan.

This initiative represents a commitment to education and cross-cultural collaboration, enabling overseas Chinese students to access high-quality education and resources while promoting cultural exchange and cooperation between Myanmar and Taiwan.