



University : National Chin-Yi University of Technology
Country : Taiwan
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[SDGs 1] No Poverty

[1.4.2] Does your university as a body provide financial assistance to the local community assisting the start-up of sustainable businesses?

NCUT's Financial Assistance and Support for Sustainable Business Start-Ups in the Local Community

NCUT plays a central role in promoting sustainable economic growth and social innovation in central Taiwan. Through its University Social Responsibility (USR) initiatives, ESG Sustainability Center, and Industry-Academia Collaboration Office, NCUT provides both financial and technical assistance to support start-ups and small- and medium-sized enterprises (SMEs) committed to environmental, social, and governance (ESG) principles.

The university's goal is to empower local communities to build low-carbon, circular-economy businesses that drive regional resilience and align with Taiwan's 2050 Net-Zero Transition Plan.

1. Mechanisms of Financial Assistance

1.1 University Social Responsibility (USR) Funding

- Under the Ministry of Education's USR Program, NCUT annually allocates dedicated funds (approx. NT\$ 2–3 million) to projects supporting community entrepreneurship.
- These funds are used to subsidize sustainable start-up proposals, particularly in rural Taichung and Changhua areas.
- Each USR team includes faculty mentors, students, and community entrepreneurs who co-develop green or circular products—such as upcycled materials, eco-friendly packaging, and sustainable agricultural processes.

1.2 Seed Funding for Innovation and Entrepreneurship

- The Innovation and Entrepreneurship Education Promotion Plan provides seed capital grants (up to NT\$ 200,000 per team) for promising green start-ups.
- Teams receive support in applying for Ministry of Science and Technology (MOST) or Small and Medium Enterprise Administration funding to scale operations.
- Projects with verified ESG impact gain follow-up investment opportunities from NCUT's corporate partners (e.g., HIWIN Technologies, Panasonic Taiwan).



1.3 Corporate–Academia Partnership Funds

- Through its ESG Sustainability Center, NCUT cooperates with local enterprises to establish joint ESG funds, supporting community start-ups that integrate:
 - Renewable-energy applications,
 - Carbon-footprint reduction, and
 - Waste-recycling businesses.
- Between 2022 and 2024, these funds invested over NT\$ 5 million in local sustainability projects, including circular manufacturing, eco-tourism, and low-carbon product development.

1.4 Micro-Finance and Low-Interest Loans Support

- NCUT collaborates with local financial institutions such as Taichung Bank and Taiwan Cooperative Bank to provide preferential low-interest loans for community entrepreneurs completing NCUT’s green-entrepreneurship training.
- The university assists applicants with business-plan preparation, ESG evaluation, and financial-risk assessment, improving loan-approval rates for first-time entrepreneurs.

1.5 Sustainability Competition Awards and Incubation Support

- Annual programs like the Green Innovation and Entrepreneurship Competition and Maker Base Sustainable Design Challenge offer cash prizes (NT\$50,000 – NT\$ 100,000) and access to university facilities, laboratories, and 3D printing studios.
- Winning teams gain mentorship from NCUT faculty and industry experts to refine prototypes and develop market viability.

2. Implementation and Monitoring

- The Office of Industry-Academia Collaboration oversees fund allocation and ensures alignment with national SDG targets.
- Each project undergoes a two-stage evaluation:
 - *Pre-funding review* — assessing environmental impact and business sustainability.
 - *Post-funding evaluation* — verifying outcomes (revenues, job creation, carbon savings).
- Results are published annually in the NCUT Sustainability Report and reported to the Ministry of Education USR database.

3. Impact

Category	2019–2021	2022–2024	Outcome Highlights
Number of community start-ups supported	12	26	Major growth in low-carbon and circular-economy projects
Total funding disbursed	NT\$ 3.2 million	NT\$ 8.7 million	Substantial increase via ESG and corporate partnership funds
Student and faculty involvement	180	420	Interdisciplinary engagement across engineering, management, and design
CO₂ reduction from supported projects	–	~75 tons/year (estimated)	Through green manufacturing and energy optimization projects
Local jobs created	28	63	New employment in green SMEs and community enterprises

4. Case Studies

4.1 Green Mushroom Circular Economy Project (USR Program)

- Location: Dali District, Taichung
- Collaboration with local farmers to recycle spent mushroom substrate into organic fertilizer and biodegradable packaging.
- Funding: NT\$ 250,000 (USR Grant + Corporate Donation)
- Impact: Diverted 12 tons of agricultural waste annually and created 5 local jobs.

4.2 Solar Workshop Entrepreneurship Program

- Students and local technicians co-developed solar-powered water-pumping modules for rural irrigation.
- Supported by NCUT's ESG Center and Delta Electronics Foundation.
- Funding: NT\$ 400,000 in seed grants and training scholarships.
- Impact: Enhanced local farm productivity while reducing diesel use by 70%.



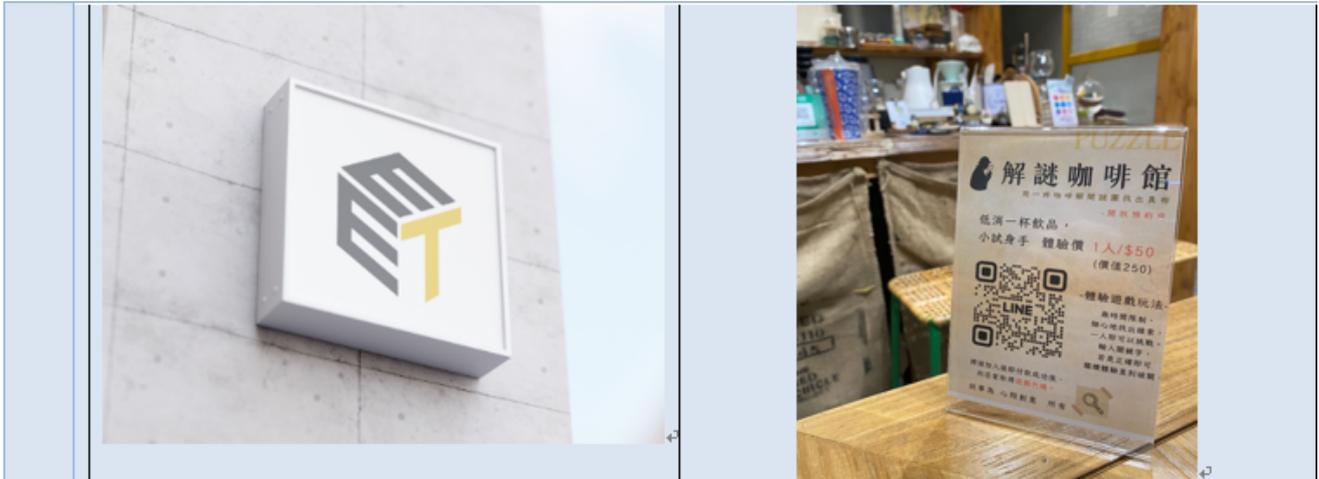
5. Alignment with the UN Sustainable Development Goals (SDGs)

SDG Target	Alignment Description
SDG 1 – No Poverty	Provides financial inclusion through seed grants and micro-loans for low-income entrepreneurs.
SDG 4 – Quality Education	Integrates sustainability entrepreneurship training and capacity building.
SDG 8 – Decent Work and Economic Growth	Fosters local employment and inclusive economic development.
SDG 9 – Industry, Innovation and Infrastructure	Encourages ESG-driven innovation and green industrial transformation.
SDG 11 – Sustainable Cities and Communities	Strengthens community-based eco-industries and rural revitalization.
SDG 12 – Responsible Consumption and Production	Promotes circular economy and waste-reduction enterprises.
SDG 17 – Partnerships for the Goals	Builds strong alliances between academia, industry, and government agencies.

6. Future Directions

- **Expansion of the ESG Seed Fund:** NCUT plans to increase annual funding for community start-ups by 30% by 2026.
- **Regional Sustainability Hub:** Development of a “Taichung Green Innovation Center” to connect universities, enterprises, and local governments.
- **Impact Measurement:** Implementation of ICT-based monitoring systems for real-time tracking of project outcomes and carbon reductions.

Through comprehensive financial support, professional mentorship, and community-driven innovation, NCUT has established itself as a regional leader in empowering sustainable business creation. By combining university resources, government grants, and corporate partnership funds, NCUT not only enables local entrepreneurs to launch viable green businesses but also contributes significantly to Taiwan’s transition toward a low-carbon, resilient, and inclusive economy.



教育部自 101 年起實施「大專校院創新創業扎根計畫」(自 109 年更名為「大專校院推動創新創業教育計畫」)，引導大專校院提升創新創業課程品質，培育具創業家精神之人才。↵

為進一步強化創新創業課程效益，遂於 105 年起推動「大專校院創新創業實戰模擬學習平臺」，鼓勵大專校院創新創業課程衍生的學生團隊投以構想提案，透過平臺「教練團」與學校輔導單位的引導，體驗虛擬的群眾募資歷程，深化創新創業教育的意義與價值。↵

Since 2012, the Ministry of Education has implemented the Promotion of Innovation and Entrepreneurship Education Plan for University and Tertiary College, aiming to enhance the quality of innovation and entrepreneurship (I&E) curricula across higher education institutions and to foster talents with entrepreneurial mindset.↵

To further strengthen the effectiveness of such courses, the Ministry launched the Start-up Simulation Platform for University and Tertiary College in 2016. The platform encourages student teams—emerging from university I&E courses—to submit startup proposals and experience a simulated crowdfunding journey. Guided by a team of professional coaches and campus support units, students engage in practical learning that deepens the value and impact of entrepreneurship education.↵



Batter Home 蝙蝠屋設計
研究顯示，蝙蝠對棲息環境的穩定性與遮蔽性極為敏感，而都市化使牠們面臨棲...

InDestiny Music Social Platform

Category: Technology & Social Innovation

• **Established:** 2023

• **Description:**

InDestiny is a **music-based social networking platform** that encourages meaningful connections among users through shared musical interests. It promotes sustainable digital interaction by creating a virtual social ecosystem that reduces the need for physical gatherings, indirectly lowering environmental impact.

Startup	Category	Year	Revenue (USD)	Employees	SDG Impact
Shinshiang Creative Studio	Education & Innovation	2024	100,000	20	SDG 4, SDG 9
InDestiny Music Platform	Social Tech	2023	N/A	N/A	SDG 9, SDG 11

二、初審意見回覆

2.由該校主辦之「創業夢不是夢」之創業競賽內容並未說明，宜針對規模、與參與教育部「大專校院創業實戰模擬學習平臺」的連結，再做說明。

透過本校全國性「創業夢不是夢」創新創業競賽輔導機制，提供學生創業能力所需之教育訓練及輔導資源，競賽過程中結合相關培訓課程以及業師一對一輔導，協助新創團隊從創業發想到募資的技巧，制定有效的策略，以及指導如何面對與解決創業中的議題(如：產品的可行性、營運模式、財務規劃等)，以有效養成學生們的創業家精神和激發創新創業之能力，創業競賽規模與串連至「大專校院創業實戰模擬學習平臺」**亮點成效**如下表所示：

創業夢不是夢全國性創新創業競賽				大專校院創業實戰模擬學習平臺	
競賽規模 (年度/隊伍數/人次)	得獎團隊名稱/學校	獲獎名次	輔導新創亮點	參賽年度	新創案全部
110年度/36隊/125人次	麗世女子文化工作室/勤益科大	第一名	續獲輔導12萬元	111年度	534萬
	GameNobility 遊戲貴族/勤益科大	第三名	109年U-star入選 110年文策院補助150萬 111年參展東京電玩展	111年度	112萬
111年度/30隊/109人次	ELORREN 伊樂商/台北師範大學	第二名	111年成立新創公司	111年度	883萬
	Idea Database 醫病思維/環球科大	第三名	111年成立新創公司	111年度	1259萬
	HERMON 快樂處方箋/中國醫藥大學	佳作	續獲輔導2萬4千元	111年度	382萬
112年度(統計中報名5/9截止)	InDestiny 實樂交友平台/勤益科大	參與中	教育部募資模擬平台補助10萬	112年度	518萬

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一、計畫目標



計畫背景

- 1 智慧臺中創新創業推動基地：教育部補助成立之創客基地
- 2 教育理念：連結「創新創業深耕實務」為教育理念
- 3 教育定位：以「產業型Team Maker創新創業」為核心主軸



計畫目標

願景：建構創新創業校園，培育創業家精神之創新創業實務人才

- 目標1 > 建構創新創業教學模式
- 目標2 > 實踐新創公司營運歷程

本校推動創新創業
教育基礎能量

年度計畫亮點成效	108年	109年	110年	111年	112年
輔導學生成立創新創業團隊	34隊	35隊	38隊	38隊	30隊
成立新創公司家數	3家	3家	4家	6家	4家

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