

2026 Net Zero Tech International Contest

Energy Division – List of Winners

Awards	Project ID	Project Title	Position	Name	Representative Country / Region	School	Department
Champion 冠軍 LITEON– Shine Your Future Award 光寶-發光未來獎	E011	High Efficiency, High Power Density, Fast Response Power Supply for Semiconductor Plasma Generation	Advisor	Lai Jih-Sheng	USA	Virginia Polytechnic Institute and State University	Electrical and Computer Engineering
				Chang Edward Y.	Taiwan	National Yang Ming Chiao Tung University	Department of Material Science
				Hsieh Hsin-Che			Electrical Engineering
			Leader	Lim Christopher			
			Member	Liu Hao-En	USA	Virginia Polytechnic Institute and State University	Electrical and Computer Engineering
				Hao-En Liu			
				Rai Ganesh			
				Hong Wei-Jhe			International College of Semiconductor Technology
				Hsieh Yueh-Tsung	Taiwan	National Yang Ming Chiao Tung University	Mechanical Engineering
				Li Sheng Chieh			Institute of Pioneer Semiconductor Innovation

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First Runner-Up 亞 軍 Yesiang Net-Zero Technology Award 鈺祥淨零科技獎	E010	Sprout Solid-state Power Research for Ultra-safe Technology	Advisor	Hwang Bing Joe	Taiwan	National Taiwan University of Science and Technology	Chemical Engineering
				Huang Chen-Jui			Graduate Institute of Applied Science and Technology
			Leader	Chang Chia-Yu			Chemical Engineering
			Member	Lin Yi-Chen			Graduate Institute of Applied Science and Technology
				Yeh Tsung I			
				Huang Yu-Chun			
Second Runner-Up 季 軍 Green Innovation Award 綠能創新獎	E018	Tsing Hua No.1 (TH-1): From Residual Agroforestry Biomass to Pinecone-Derived Hard-Carbon Anodes for Lithium- Ion Batteries	Advisor	Lin Tzu-Ying	Taiwan	National Tsing Hua University	Department of Materials Science and Engineering
			Leader	Tseng Hsuan-Kai			
			Member	Su Liang-Yi			
				Kuo Chih-Tsui			
				Chen Yu-Wei			
Smart Energy Award 智慧能源獎	E017	Wastewater- Derived Fuel to Power Conversion Using High Performance Multi Fuel Protonic Ceramic Fuel Cells	Advisor	Tseng Chung- Jen	Taiwan	National Central University	Department of Mechanical Engineering
			Leader	Lan Po-Kai			
			Member	Lin Tzu-Yun			Department of Sustainability and Green Energy
				Lin Po-Yu			Institute of Energy Engineering
				Peng Yi-Jou			
				Chao Yu-Fan			

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Advanced Net Zero Emission Technology Award 前瞻綠能零碳希望獎	E014	HOMeS: a bi-porous facade evaporative panel for energy-efficient building cooling	Advisor	Lu Zhengmao	Switzerland / Spain	EPFL · Switzerland	Institute of Mechanical Engineering
			Leader	Rouaze Gautier			
			Member	Khodabandeh Farkhondeh		Universitat Politècnica de Catalunya	Industrial Engineering
				Mutschler Léo			
				Grané Páez Maria			
CPC Corporation, Taiwan Smart Green Energy Award 台灣中油智慧綠能獎	E019	Development of a Modular Rotor Floating Wind–Solar Hybrid System for Taiwan Offshore Applications	Advisor	Kai-Tung Ma	Taiwan	National Taiwan University	Department of Engineering Science and Ocean Engineering
			Leader	Chu-Hui Hsueh			
			Member	Chung-Yu Chen		National Taipei University of Technology	Department of Mechanical Engineering
				Jia Kai Lam			
				Bo-Chih Yang		National Taiwan University	Department of Engineering Science and Ocean Engineering
				Guei-Yun Liaw			
Nan Pao Resins Zero Carbon Vanguard Award 南寶樹脂零碳希望獎	E009	Low-Carbon GaN PEC Hydrogen Generation: from Seawater to Space	Advisor	Chen Yu-Bin	Taiwan	National Tsing Hua University	Department of Power Mechanical Engineering
			Leader	Hung Yu-Chien			
			Member	Kang Hao-Yu		National Taiwan University	Department of Mechanical Engineering
				Cheng I-Chun			