

Unit of Execution	Department of Electrical Engineering
Programme Name	USR Hub: “Changhua’s Characteristic Energy and Technology Education Development”
Programme Host	Chen, Liang-Rui

1. Programme abstract:

This programme practices local care in terms of high-quality education and flattening inequality to achieve high-quality energy and technology education in Changhua through the development of a science and technology education curriculum with green energy characteristics and rural services.

2. Results:

Students from elementary schools were enrolled in renewable energy experience activities. The teachers in our school and green energy volunteers guided the children in learning about green energy and information technology. In 2020, there were a total of 18 Renewable Energy Touring Train Lectures and 4 Renewable Energy Science Experience Camps, with 627 participants from both inside and outside the school (detailed in the table below).

Topic	Time	Venue	Participants from outside the school	Participants from inside the school
Renewable Energy Touring Train Lecture	2020.4.14	Changhua County Chienkuo Technology University	19	-
	2020.4.21	Changhua County Da-Yeh University	10	-
	2020.4.17	General education college students in NCUE (the second semester of the 2019 academic year)		39
	2020.4.16	Changhua County Wunsiang Elementary School	12	-
	2020.5.6	Environmental education certification personnel from outside of NCUE, Changhua City	27	-

	2020.5.11	Environmental education certification personnel from outside of NCUE, Changhua City	30	-
	2020.5.14	Changhua City Ping He Elementary School	25	-
	2020.5.14	Changhua County Hu Dong Elementary School	25	-
	2020.5.15	Changhua County Hexing Elementary School	23	-
	2020.5.21	Changhua City Affiliated Industrial Vocational High School of NCUE	29	-
	2020.5.25	Changhua County Wanxing Junior High School	21	-
	2020.6.9	Changhua City National Changhua Senior High School	39	-
	2020.6.9	Changhua County Da Cheng Junior High School	28	-
	2020.7.16	Changhua County Hou Liao Elementary School	17	-
	2020.7.22	Changhua County Pu Hsin Junior High School	53	-
	2020.7.28	Fangyuan Township Community, Changhua County	23	-
	2020.7.24	Changhua County Hua Nan Elementary School	23	-
	2020.9.25	General education college students in NCUE (the first semester of the 2020 academic year)	-	49
Renewable Energy Science Experience Camp	2020.5.11	Changhua County Hu Nan Elementary School	26	-
	2020.6.17	National Changhua Senior High School, National	45	-

		Changhua Girls' Senior High School		
	2020.6.18	Changhua City Ping He Elementary School	25	-
	2020.9.14	Junior students in Electrical Engineering in NCUE	-	39
Total			500	127

Corresponding
SDG indicator

SDG01
 SDG02
 SDG03
 SDG04
 SDG05
 SDG06
 SDG07
 SDG08
 SDG09
 SDG10
 SDG11
 SDG12
 SDG13
 SDG14
 SDG15
 SDG16
 SDG17

Supporting photos



Caption: Renewable energy touring training in Hua Nan Elementary School—students in class



Caption: Renewable energy touring training in Hua Nan Elementary School—Professor Liang-Rui Chen is teaching

Related links

- Link to the FB page of Hua Nan Elementary School: <https://reurl.cc/XWMzmE>