

Hungkuang University and The Sustainable Development Goals

SDGs 7. Affordable and Clean Energy

[7.2] University measures towards affordable and clean energy

[7.2.5] Energy wastage identification




No.	Name	Place	automation	safety		energy	water	Indoor environment	lighting	Building Area (m ²)
1	University Hungkuang; Building A	Taichung, Taiwan	✓	✓		✓		✓	✓	2,428
2	University Hungkuang; Building B	Taichung, Taiwan	✓	✓		✓		✓	✓	3,217
3	University Hungkuang; Building D	Taichung, Taiwan	✓	✓		✓		✓	✓	7,336
4	University Hungkuang; Building E	Taichung, Taiwan	✓	✓		✓		✓	✓	5,582
5	University Hungkuang; Building F	Taichung, Taiwan	✓	✓		✓		✓	✓	3,506
6	University Hungkuang; Building G	Taichung, Taiwan	✓	✓		✓	✓	✓	✓	11,519
7	University Hungkuang; Building H	Taichung, Taiwan	✓	✓		✓		✓	✓	5,699
8	University Hungkuang; Building I	Taichung, Taiwan	✓	✓		✓	✓	✓		4,183
9	University Hungkuang; Building J	Taichung, Taiwan	✓	✓		✓	✓	✓	✓	9,126
10	University Hungkuang; Building K	Taichung, Taiwan	✓	✓		✓				6,833
11	University Hungkuang; Building L	Taichung, Taiwan	✓	✓		✓	✓	✓	✓	24,272
12	University Hungkuang; Building M	Taichung, Taiwan	✓	✓		✓	✓	✓	✓	12,389
13	University Hungkuang; Building N	Taichung, Taiwan	✓	✓		✓	✓	✓	✓	20,800
14	University Hungkuang; Building O	Taichung, Taiwan	✓	✓			✓	✓	✓	3,354
15	University Hungkuang; Building P	Taichung, Taiwan	✓	✓		✓	✓	✓	✓	8,546
16	University Hungkuang; Building Y	Taichung, Taiwan	✓	✓		✓	✓	✓	✓	1,610
17	University Hungkuang; Building Q	Taichung, Taiwan	✓	✓		✓	✓	✓	✓	19722
Total										143,289

*Total Building Area: 130,400 m²

$$\frac{143,289 \text{ m}^2}{150,122 \text{ m}^2} \times 100\% = 95\%$$

Note: One building could be classified as a smart building if it has a minimum of 5 features. Please add the total smart building area from buildings which are classified as smart buildings.



The Automatic Light Sensor System	The safety-Fire Alarm Sensor System	The Automatic Door Sensor System
		
Smart Energy Monitoring System		
		
Water tap	Indoor Air Quality Monitoring System	
Smart Building implementation (Hungkuang University, Taiwan)		

Description:

Monitoring building air conditioning equipments; general classrooms are power controlled by class schedules; Automatic Light Sensor System; Automatic Fire Alarm Sensor System; Automatic Door Sensor System.