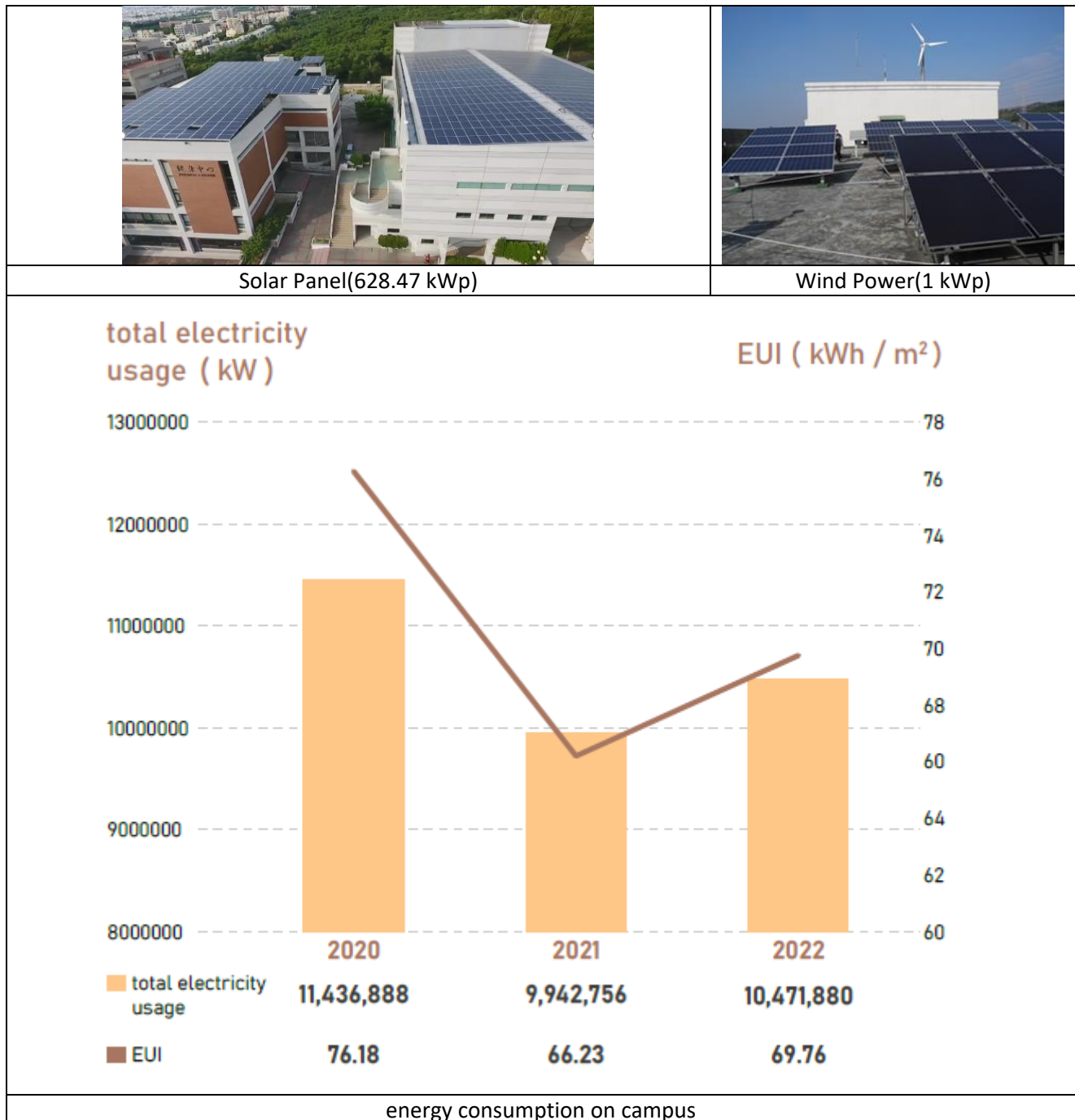


Hungkuang University and The Sustainable Development Goals

SDGs 13. Climate Action

[13.2] Low-carbon energy use

[13.2.1] Low carbon energy tracking



Description:

Energy management

The total energy consumption on campus was 35,113GJ in 2022. The energy intensity was 69.76 EUI (energy consumption intensity of buildings), and it was 65.86 in 2021. To strengthen the teaching quality and



Years	2020		2021		2022	
Energy category	Consumption (GJ)	Percentage (%)	Consumption (GJ)	Percentage (%)	Consumption (GJ)	Percentage (%)
Primary energy (GJ)	216.4	0.5	415	1.1	402	1
Energy derived (GJ)	41,172.8	92.5	35,794	91.1	37,699	91.7
Renewable energy (GJ)	-3,133.7	7	-3,095	7.9	-2,988	7.3
Total energy consumption (GJ)	38,255.5	100	33,114	100	35,113	100

• Primary energy was gasoline (conversion factors 0.0019 GJ/L) 、 diesel (conversion factors 0.002 GJ/L) 、 natural gas (NG) (conversion factors 0.0022 GJ/L) 、 Liquefied Petroleum Gas (LPG) (conversion factors 0.0016 GJ/L).
 • Purchased energy derived (conversion factors 0.0036 GJ/KWh).
 • Solar powered renewable energy (electricity sold)

*Heating conversion factors source: Bureau of Energy, Ministry of Economic Affairs, energy balance 110-05-14 updated)

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