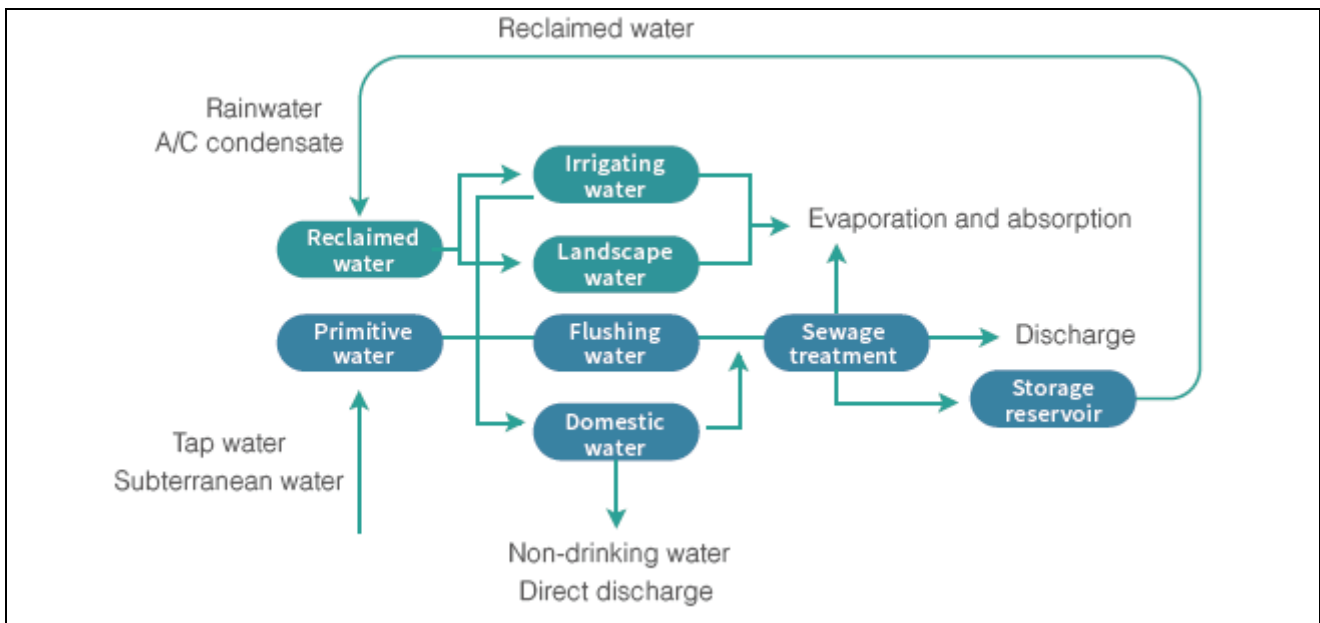
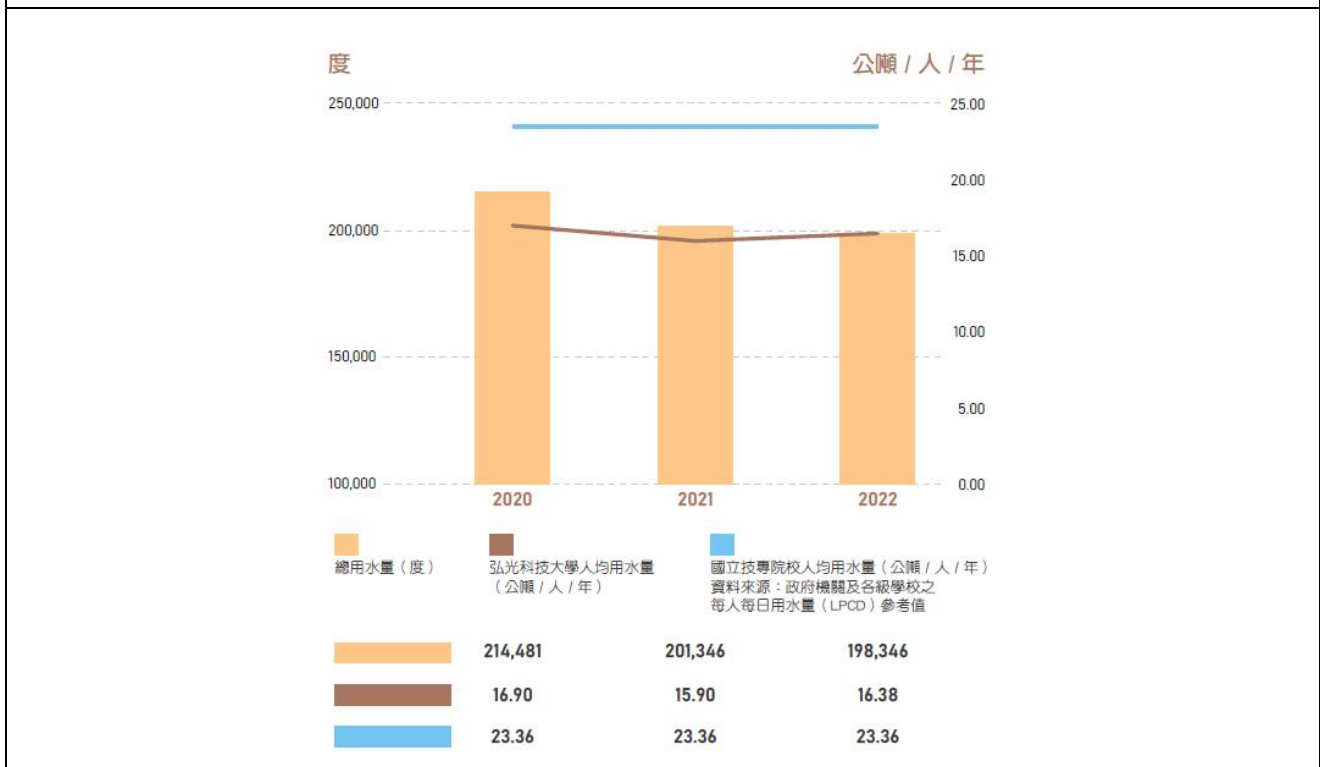


Hungkuang University and The Sustainable Development Goals

SDGs 6. Clean Water and Sanitation [6.2] Water consumption per person [6.2.1] Water consumption tracking



Water balance Chart



water consumption



Description:

Water resource management

The main purposes of the university water resources included domestic (i.e. flushing) water, irrigating water and landscape water, and experimental practice water ... etc. The use of domestic water was the largest amount, which flowed into sewage treatment plant on campus afterwards. The usage of water was balanced, as shown in the picture.

The overall total water consumption indicated less significant difference in the past three years, maintaining at around 200,000 mt/year. The overall trend was slowing down (as shown in the table). The water intensity of 16.38 (mt/person/year) was lower than 23.36 (mt/person/year) per capita water consumption of national technical colleges (Source: reference value of daily water consumption per capita (LPCD) of government agencies and schools at all levels).

To achieve the goal of saving water, measures have been implemented including:

1. Constructed water recycling facilities to reduce the dependence on primitive water and to explore new water resources, including:

✓ Rainwater recovery facilities: Presently, a rainwater recovery system on the roof of Building N has been set up. The main purpose was to irrigate the surrounding plants.

✓ A/C condensate recovery facility: Presently, the recovery of A/C condensate in the building M has been completed. The use of it was to water the plants around the building N.

1. Water-saving equipment was fully installed, and 1,453 water-saving equipment was replaced in total.

2. Posted water-saving slogans to publicize water conservation.

3. Water-free urinals were installed. Presently, 36 water-free urinals have been installed in Building P and Building L. Neither water nor electricity needed, each of them could save about 150,000 liters of water a year.

4. Implemented leak detection of water pipes on campus, five leaks found and fixed in total.