

Green Building Label



- ✓ **Site greenification:** Trees and turf are planted around the Exhibition Center and its outdoor spaces. The green design exceeds Green Building Standards.
- ✓ **Water conservation:** Other than necessary facilities, statutory open space counts with permeable design.
- ✓ **Daily energy-saving:** TaiNEX 1 provides an energy-saving and comfortable exhibition environment through various facilities, such as energy-saving air-conditioning. An automatic temperature control system classifies spaces based on their different functions to improve the efficiency of air-conditioning. Natural light is also maximized indoors to economize lighting energy without increasing air-conditioning load.
- ✓ **Carbon dioxide reduction:** The main structure and system of the Center are made of steel, and adopt lightweight divisions as well as glass and metal curtain walls. Moreover, consideration is given to the utilization of non-metal and recycled building materials, and to the impact of carbon dioxide emissions.
- ✓ **Indoor environment:**
 - ✧ Sound environment: The building adopts 15 cm (or more) double walls filled with acoustic foam, and the thickness of the floor is over 20 cm.
 - ✧ Lighting environment: Natural and artificial lighting.
 - ✧ Ventilation: Natural ventilation and central air-conditioning.
 - ✧ Interior design materials: The adoption rate of eco-friendly building materials for the overall design exceeds standards.
- ✓ **Water resources:** Water-saving equipment with water efficiency labels are used, e.g., dual-flush toilets, automated urinals, and water-saving faucets. A rainwater tank is set up below B1 of the Center for rainwater collection. The collected rainwater is used for plant irrigation and toilet flushing.
- ✓ **Sewage and waste improvement:** General domestic drainage systems are connected to sewage treatment facilities. Dedicated kitchen drains are equipped with grease traps, regularly cleaned, and also connected to sewage treatment facilities. There is a dedicated garbage disposal site with sufficient space for handling and transportation, as well as greenery or landscapes. A concrete waste sorting and recycling system is in place, and sealed trash bins are used to prevent animals from eating wastes.