

# Climate change risks and opportunities

With the increasingly severe environmental hazards caused by global climate change, Taiwan has faced severe typhoons, flood threats and lack of water and energy resources in recent years. In order to effectively grasp the development trend of climate change issues, conduct climate change management and assessment To mitigate the impact of climate change and reduce the harm to the environment through climate risk issues.

Identification of climate change risks		Response measures and results
Facing	Project	
Regulations	1. Greenhouse gas inventory survey and reporting. 2. Cap control and emissions.	1. The Southern Industrial Park Management Bureau of the Ministry of Science and Technology investigated the greenhouse gas emissions of various companies. 2. Carry out energy saving and carbon reduction measures and declarations in accordance with China's Energy Management Law. 3. Obtained ISO 14064-1 greenhouse gas inventory certificate and ISO 14067:2018 inventory certificate for future planning.
Energy source	Waste sorting and recycling	Recycling waste into plastics, iron and aluminum cans, paper, general garbage, etc. can reduce waste incineration and reduce carbon emissions.
	solar energy generation	The Shugu plant has set up solar energy equipment, which can be used for basic power in the plant to achieve green energy supply.
Extreme climate	Extreme weather may cause heavy rainfall events, prolonged drought and rain, floods, and typhoon winds to directly affect operations.	1. Prepare for and respond to emergency preparedness and contingency management procedures. 2. The pump at the discharge port increases the discharge pressure. 3. Before and after the flood or typhoon, perform emergency response measures to reduce damage.
Long-term	Sea-level rise	Reducing greenhouse gas emissions can reduce melting of the ice layers in the north and south, and ease the rising sea level.
	Employee health impact	Reduce greenhouse gas emissions, reduce the occurrence of extreme climate, and then reduce the impact of extreme climate (such as sand storms ...) on the human body, such as asthma, allergies, etc.