

- (5) Engage in research and development related to climate change science and adaptation to its impacts. Collaborate with meteorological authorities to research, analyze, and understand climate change trends. Compile and organize climate scenarios, climate change science, and impact data to periodically release scientific reports on climate change. Additionally, establish an early warning mechanism and a systematic monitoring system.
- (6) Create diverse channels for climate change information dissemination to encourage behavioral changes and raise climate change awareness among the public. This initiative aims to build knowledge and consensus, enabling the adoption of a net-zero lifestyle that delivers co-benefits of both adaptation and mitigation.
- (7) Promote climate change-related environmental education; cultivate professional personnel to respond to climate change issues; enhance the awareness and skills of the general public and convert them into daily low-carbon actions.
- (8) Improve social communication and implement a "Social and Institutional Support for a Just Transition System" that encourages citizen participation. Establish a just transition committee that actively solicits input from individuals and organizations across all sectors of society.

## **V. Future Implementation**

To accomplish the net-zero transformation, while upholding the principle of equal emphasis on mitigation and adaptation, the central competent authority shall develop this action guideline in consultation with relevant central industry competent authorities, taking into account Taiwan's economic, energy, and environmental conditions, as well as international contexts. The Action Guidelines shall be reviewed every four years.

The central industry competent authorities shall use the Action Guidelines as a basis to formulate the Greenhouse Gas Emission Reduction Action Plan

and the Climate Impact Adaptation Plans within their respective domains of authority and responsibility. These plans should be submitted to the central competent authorities for approval by the Executive Yuan, with regular rolling reviews. Furthermore, local governments shall formulate the Greenhouse Gas Reduction Implementation Plan and the Climate Change Adaptation Implementation Plan.

The integrated communication mechanism, operating vertically and horizontally across different branches of the Taiwan government, will effectively oversee the reduction of GHG emissions across various sectors. This approach aims to build a common platform for the sustainable development of society, the economy, and the environment, while also safeguarding the mutual benefits related to the public's health.