Taiwan Nature-Based Solutions & Sustainability Initiative

Launch of the Taiwan Nature-Based Solutions & Sustainability Initiative to lead the Capital Market's Net Zero Transformation

In response to the international community's growing concern regarding climate change, the natural environment, and biodiversity, and in line with the twelve key strategies of Taiwan's 2050 Net Zero Transition Goals, the TWSE and TCX officially launched the Taiwan Nature-Based Solutions & Sustainability Initiative on May 27, 2025. By combining carbon credit development, community engagement, and ecological restoration, this initiative provides listed companies with a local demonstration model for nature-based solutions, showcasing the TWSE's firm commitment to the path toward sustainability.

At its core, this initiative develops nature-based solutions with both environmental and social benefits across three main areas of climate, community and biodiversity to implement comprehensive sustainable actions.

Climate

- Science-based carbon reduction:
  Promote the Yilan forest and Yunlin soil carbon projects, and implement science-based carbon reduction measures in forest and farmland management to enhance carbon sequestration benefits.
- Domestic timber promotion:
  Implement sustainable forestry management by transforming thinned timber into locally sourced wood products. This approach enhances the reuse value of domestic timber and bolsters carbon sequestration efforts.

Community

- Deepening local connections:
  Strengthen public-private partnerships by actively engaging with key local partners, including forest farmers and agricultural cooperatives, and establishing long-term communication channels such as stakeholder meetings.
- Promoting regional revitalization:
  In response to the National Development Council's Regional Revitalization Policy, work closely with local communities and indigenous groups to maintain project sites and create a sustainable co-prosperity model that balances economic growth with social values.

Biodiversity

- Ecological protection:
  Conduct ecological surveys of land and water habitats at project sites, and create micro-habitats to restore key species, such as frogs and birds, to ensure local biodiversity.
- Nature-related disclosures:
  Enhance nature-related risk awareness by incorporating assessments aligned with the Taskforce on Nature-related Financial Disclosures (TNFD) frameworks, aiming to achieve a net positive impact as a long-term goal.



Through this initiative, the TWSE aims to achieve its own carbon neutrality goals, while guiding the capital market to invest in nature-based climate actions. Together, we can craft Taiwan's own nature-based solutions — where sustainability begins in the forest, takes root in the land, and flourishes through climate action, green transition, and ecological resilience for a net-zero future.

From left to right: Hsu Hsu-cheng, Deputy Director General of the Climate Change Administration, Ministry of Environment; Chuang Lao-ta, Director General of the Department of Resource Sustainability, Ministry of Agriculture; Kao Shien-quey, Deputy Minister of the National Development Council; Sherman Lin, Chair of TWSE and TCX; Chen Yen-liang, Vice Chairperson, Financial Supervisory Commission; Edith Lee, TWSE President; and Peter Pu, Managing Director of BSI Northeast Asia Region.