
Fact Sheet

SUSTAINABILITY AND COMMUNITY ENGAGEMENT

Lasting Value for Local Communities and the Environment

Beyond generating clean energy, the Yunlin OWF is dedicated to environmental protection and community engagement. Initiatives like the Black-faced Spoonbill Satellite Tracking Program, regular coastal clean-ups, and frequent environmental education programs reflect the project's commitment to preserve nature and support local well-being. With this in mind, the support offered to the local fishing industry further demonstrates the project's dedication to local communities.

Local Sustainability Activities and Engagement

A significant part of the Yunlin OWF was actively reducing the environmental and social impact of the project through local initiatives. The project team engaged local communities to create a vision of green energy transformation and aid the development of local well-being. The project team believes that greater industry and academia collaboration along with the cultivation of green energy talent will play a crucial role in combating climate change and forging a sustainable green future.

Local Partnerships

The Yunlin OWF has set new benchmarks for local partnerships. This achievement underscores our commitment to fostering local industry growth and enhancing technical capabilities within Taiwan. By partnering with leading Taiwanese manufacturers, such as Formosa Heavy Industries and CTCI Machinery, the project has not only met but surpassed the localization requirements, setting new standards for future projects.

Black-faced Spoonbill Satellite Tracking Program

The "Black-faced Spoonbill Satellite Tracking Program", launched in 2021, represents a pioneering effort in environmental, social, and governance (ESG) initiatives. This 4-year program has created the world's largest database on the migration routes and flight behaviours of Black-faced Spoonbills, providing invaluable insights into their avoidance patterns regarding onshore and offshore wind farms and WTG operations. This comprehensive dataset is crucial for understanding the birds' behaviour and underscores the project team's commitment to environmental responsibility and local prosperity.

Through the program, the Yunlin OWF supported to identify habitats that are crucial for the Black-faced Spoonbill's survival. In collaboration with the Bird Ecology Lab and Professor Yuan-Hsun Sun, the project used solar-powered GPS trackers for all-day tracking. This program identified ten (10) new activity hotspots and recorded over 100 flight paths, which is crucial for conservation and global population census efforts. This program has been honoured with Taiwan's most prestigious corporate social responsibility awards: the "Asia-Pacific Sustainability Action Award (APSAA)" and the "Taiwan Sustainability Action Award (TSAA)".

Looking ahead, the Yunlin OWF will continue to share key insights on Black-faced Spoonbills and remain dedicated to sustainable actions that support the development of green energy projects, contributing to Taiwan's energy transition and biodiversity conservation efforts.

Youth Entrepreneurship Grant Program

The Yunlin OWF has partnered with the Yunlin County Government and established a TWD 100 million grant program, dedicated to local young entrepreneurs.

Ocean Festival

In summer 2024, the Yunlin OWF team hosted the "2024 Yunlin Ocean Festival – Yunlin Offshore Wind Farm Community Appreciation Day" at Sihou Township in Yunlin County, attracting hundreds of local visitors, who enjoyed interactive marine ecology games and an exhibition. The project will continue to promote tourism in Yunlin County as a sign of appreciation for the support of the local communities and residents.

Environmental Education

In 2023, the Yunlin OWF team introduced Taiwan's first interactive picture book dedicated to the conservation of the Taiwanese White Dolphin within the context of the development and operations of offshore wind farms. The book combines scientific knowledge and interactive stickers to engage children in learning about the oceans, the Taiwanese White Dolphin, and the role of offshore wind farms in mitigating ecological impacts. The book is available to elementary school students participating in the environmental education activities and serves as a teaching resource to help them understand the importance of balancing marine ecology with green energy development.