

Changbin and Taichung Wind Taiwan

**Harnessing the energy of coastal
winds to power Taiwan communities**



These two wind farms help drive Taiwan's renewable energy expansion and pave the way for sustainable development. Each year, this project prevents over 320,000 tonnes of greenhouse gases from entering the atmosphere.

The Context

Despite the abundant coastal winds along its shoreline, Taiwan remains heavily reliant on fossil fuels, which make up over 75 percent of its total installed electricity capacity. Shifting towards sustainable energy is vital for both Taiwan's national security, and for its economic and environmental prosperity.

The Project

This project harnesses the plentiful supply of wind energy along Taiwan's coast near Taichung in the west and Changbin in the east. The wind farms consist of 62 wind turbines, and generate over 480,000 MWh of clean power each year which is supplied to the local electricity grid.

The Benefits

In addition to contributing to global climate change mitigation, this project is engaged in several nature preservation enterprises such as regular beach clean ups and guided tours that raise awareness about climate change, pollution and other environmental issues. The project has also led to the forestation of 2,400 m² of land, encouraging local biodiversity.

Driving the development of Taiwan's renewables sector and raising environmental awareness



Gold Standard



**483,864
MWh**

of renewable energy supplied to the local grid on average each year



**28
local jobs**

created, boosting local economies



**328,534
tCO₂e**

reduced on average each year by providing a renewable alternative to fossil fuel generated energy



**2,400
m²**

of trees planted

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: InfraVest Changbin and Taichung bundled Wind Farms Project-Taiwan | **Registry link:** <https://registry.goldstandard.org/projects/details/841>

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