

CHANGBIN AND TAICHUNG WIND TAIWAN

**Harnessing coastal wind power for
taiwanese communities**



These two wind farms contribute to Taiwan's renewable energy expansion while also paving the way for the island's sustainable development. Each year, this project prevents over 320,000 tonnes of greenhouse gases from entering the atmosphere.

The Context

Despite the privilege of a long and windy coastline, Taiwan is still heavily reliant on fossil fuels, which comprise over 75% of the country's total installed electricity capacity. Shifting towards more sustainable energy sources is vital to the country's national security, economic development and environmental preservation.

The Project

This pioneering wind project is harnessing Taiwan's abundant wind energy along the coasts close to Changbin and Taichung. The wind farms consist of 62 wind turbines, generating over 480,000 MWh of clean electricity and annual emission reductions over 320,000 tonnes of CO₂e.

The Benefits

In addition to generating positive impacts on the global climate, this project is engaged in several nature preserving activities such as regular cleaning of beaches from waste and debris, and guided tours to raise awareness of climate change, pollution and other environmental issues. The project has, so far, also planted over 2,400 m² of trees.

Improving the local environment while providing clean electricity.

Commercial Operation Date

16 June 2007 (Changbin)

21 July 2008 (Taichung)

Total capacity

142.6 MW

Quality Assurance and Verification

Annual audit of GoldPower Accounting and Reporting Policy provided by PWC Annual Electricity verified by CEPREI Certification Body

Transparency

RECs listed in GoldPower Register
Underpinning carbon credits retired in Gold Standard Market Registry

Reportability

Meets GHG Protocol criteria



Gold Standard



**483,864
MWh**

renewable electricity generated annually and supplied to the local grid



**28
local jobs**

created, boosting local economies



**320,000
tCO₂e**

reduced on average annually by providing a clean alternative to fossil fuel generation



**2,400
m³**

of trees planted by the project, encouraging biodiversity in the area

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://mer.markit.com/br-reg/public/project.jsp?project_id=103000000002444 | **Registry ID:** 103000000002444 | **GS ID:** GS 472

#READYFOR2020

Visit www.southpole.com/contacts to find your local office or call our Headquarters in Zurich on +41 43 501 35 50