BAC LIEU WIND FARM VIETNAM

Harnessing clean coastal wind to power communities

Located on South Vietnam’s Mekong Delta, the Bac Lieu wind farm delivers clean wind electricity to the national power grid. It is the first large-scale coastal wind power project in Vietnam, generating approximately 320,000 MWh of renewable wind energy per year, thus preventing 143,761 tCO₂e from being released into the atmosphere.
The Context
Vietnam has experienced rapid increases in electricity demand for at least two decades, and economic growth is outpacing the electricity supply currently available to the country. Critical electricity shortages and increasingly regular power cuts are negatively affecting the economy and local livelihoods.

The Project
With an installed capacity of 99.2 MW, the Bac Lieu Wind Farm generates approximately 320,000 of MWh clean electricity and saves 143,761 tonnes of CO₂ in emissions annually. It contributes to balancing the supply and demand gap of electrical power and is an important investment for Vietnam’s renewable energy supply strategy.

The Benefits
The operation of the wind farm creates more than 111 steady jobs and supports the local community by funding social activities like sports and cultural events. The project owner contributes to charity funds such as Fund for the Poor and Fund for Farmers that improve services in surrounding areas. In addition, the project owner has planted 24,800 trees to promote biodiversity in the region.