

### 3. Changhua County's Offshore Wind Farm Project

Changhua\* County is an important place for making wind power in Taiwan and the world. But what is wind power and why is it important? Let me explain!

Wind turbines are like big fans. When the wind blows, the blades of the fans turn. This makes power for many things. Wind power is great because it comes from the wind. As long as there is wind, we can keep making power. It is limitless and free. It's also better for the environment.

A wind farm is a place with many wind turbines. In some countries, wind farms are built on flat land with a strong wind. In Taiwan, because there isn't much flat land, many wind farms are in the water offshore. Offshore wind turbines can be bigger and make more power because the wind is stronger over the sea. Even though they make noise, they're far from land, so people can't really hear them.

The first offshore wind farm in Taiwan opened in April 2017. Many of the world's top wind farms are in the Taiwan Strait near Changhua County. This area is good for wind farms because the seabed is flat and not deep. Changhua County has many wind farms because it's a great place for them. Now, 21 of the 36 offshore wind farms in Taiwan are in Changhua County, and Changhua County is producing 63 percent of Taiwan's total wind power.

In the future, there are plans to build even more wind turbines in Changhua County. These wind farms will provide enough energy for millions of people in Taiwan every year! Changhua County is lucky to have so much wind. Let's help Taiwan have cleaner air and brighter skies!

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