



Why it matters

Wind turbines offer clean renewable energy and they are a crucial part of the future's energy systems. In combination with other renewable energy and storage technologies, wind power can power large cities, regions and even whole countries. When a wind park is built it requires no fuel except for the wind. This is why it can compete with, and even replace, electricity from fossil fuelled power plants.

What is a wind power carbon offset?

When you connect a new wind power plant to a fossil fuel dominated grid, it is reasonable to expect that the electricity from wind power replaces electricity from fossil fuels. By calculating an emission factor that tells how much CO₂ is released per kilowatt hour of electricity from fossil fuels, one can determine the reduction in CO₂ emissions that results from the wind power plant.

Wind power carbon offset are available from:

- Small scale wind power projects consisting of one or a few wind turbines
- Large scale wind power parks
- Offshore wind power projects

By using recognized standards for emission reduction calculations, the wind power plant can earn carbon credits for the emission reductions it creates. These standards are of high integrity and require the project to follow strict procedures for monitoring and certification. When the carbon credits are certified and issued, they can be used to offset your emissions.

The project should support local development in addition to reducing emissions. Another crucial feature is that the carbon reductions must be additional to business-as-usual. This means that the project would not have happened without being registered as a carbon offset project and receiving the funding through the sales of the offsets.

Wind power and the UN Sustainable Development Goals

The Sustainable Development Goals (SDGs) underline the need to balance objectives and potential trade-offs between poverty reduction, growth and sustainability. Wind power provides an important contribution to achieving the sustainable development goals. Different wind projects will match different SDGs but typically several are applicable for each project.



Goal 3: Good health and well-being. Renewable energy replacing fossil fuels when generating electricity will increase health benefits from the direct reduction of pollution locally.



Goal 11: Sustainable cities and communities. Wind energy provides sustainable energy to everything from small off-grid communities to large cities and regions.



Goal 7: Affordable and clean energy. Wind power provides just that: affordable and clean energy.



Goal 12: Responsible consumption and reduction. By supporting wind power and making it a part of the electricity mix it promotes renewable energy sources and reduces the dependency on fossil fuels.



Goal 8: Decent work and economic growth. A wind power plant creates local employment opportunities both during construction and operation.



Goal 13: Climate action. Promoting renewable energy sources is an essential part of supporting sustainable development.



Goal 9: Industry, innovation and infrastructure. Wind power plants may strengthen existing power grids and provide electricity to areas with low or no prior supply. It can assist and enable the development of businesses that are reliant on electricity.



Our Services

World Kinect Energy Services offers a complete range of services to measure, reduce and offset your carbon emissions. We will calculate your carbon footprint and assist you in reducing your existing emissions. The emissions that cannot be reduced in a cost-effective way can be offset using carbon credits from e.g. wind power projects.

World Kinect Energy Services provide end-to-end, full-service management of project sourcing, trading, delivery and retirement of certificates with communication materials to fit our customers' needs. We provide tailor-made solutions to all companies to fit their sourcing strategy and environmental targets.

We have direct access to carbon credits from wind power projects across the globe. The credits we offer are certified by recognized standards including Gold Standard, VCS and CDM, and we provide the vintages and geographic locations you need to offset your emissions.

What are the Benefits of Purchasing wind power carbon offsets?

By purchasing wind power carbon offsets through World Kinect Energy Services, your company will contribute to the development of new renewable energy production that fights climate change, and in many cases also contribute to local development, employment and access to energy. We handle everything for you with an end-to-end service management of project sourcing, trading and retirement of certificates, saving you internal resources. With your purchase we will provide a Carbon Neutral Diploma and a formal Retirement Certificate.

Please contact us to learn more about how we can assist your company's carbon neutral journey.

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