

Novo Nordisk® commits to GoldPower Renewable Energy



“Novo Nordisk has chosen GoldPower renewable energy for the manufacturing plant in Tianjin, China. We know GoldPower as a reliable and credible renewable energy product with true added-value for our stakeholders. The wind farm in Inner Mongolia fulfils all environmental criteria, improves air quality and provides employment opportunities to the local society”.

- Reinaldo Xisto Vieira Costa, Corporate Vice President, Product Supply, Novo Nordisk (Head of Site Tianjin)

Novo Nordisk tackles climate change and drives renewable energy uptake

As a leading pharmaceutical company, Novo Nordisk works to drive change to defeat diabetes and other serious chronic diseases. A healthy planet is a pre-requisite for healthy people and the company has pioneered programs to reduce its GHG emissions and increase its renewable energy commitments. This is why Novo Nordisk has been committed to climate solutions before many other multinational companies were. The company started formulating its ambitious climate goals in association with WWF in 2004. Back then Novo Nordisk showed leadership by setting very ambitious carbon reduction targets for the company without knowing precisely how to implement them and whether they were achievable. CO₂ reduction and energy conservation were incorporated into the business and KPIs.

The various initiatives are based on the 3 key pillars cLEAN®, energy savings, and renewable energy. cLEAN® minimises waste and optimises production flow in production facilities and we have learned that such optimisations of the processes are the most efficient way of reducing energy and CO₂ emissions. The energy savings program is another driver and has seen over 700 projects being realised and leading to annual energy savings of more than 150 million kWh since 2005. As a rule of thumb Novo Nordisk implements energy saving projects that have a payback of less than 5 years. The ‘energy stewards’ in all facilities drive the efficiency program.

THE PARTNERSHIP MODEL BETWEEN NOVO NORDISK AND DONG ENERGY

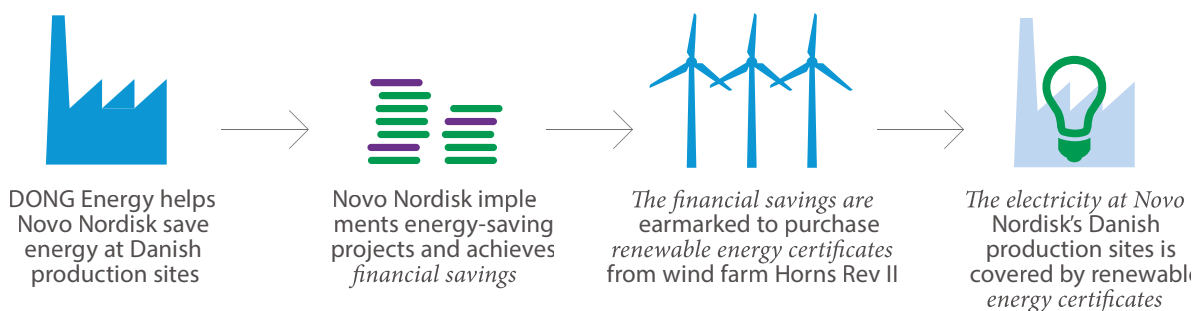


FIGURE 1 The partnership model between Novo Nordisk and DONG Energy.

GoldPower renewable energy matches the Triple Bottom Line approach

Encouraged by the success of the wind farm in Denmark, Novo Nordisk then took steps to switch to renewable energy for its international operations. In China, Novo Nordisk purchases GoldPower renewable energy for its operations in Tianjin. The production facility is one of the most efficient facilities in the global Novo Nordisk network and powering it with renewable energy was the logical choice for the company.

The GoldPower wind farm is located in Inner Mongolia and produces clean electricity that is truly additional which means that the wind project wouldn't have been created without the financial support from the corporate sector.

GoldPower matches Novo Nordisk's Triple Bottom Line approach. Most of the power in northern China comes from coal-fired power stations. Generating clean and renewable energy from wind reduces the amount of electricity needed from heavily polluting sources such as coal to meet China's growing demand for power. Cleaner air helps the planet and the people living in the area.

Other co-benefits of GoldPower include investments in the local infrastructure in and the creation of direct and indirect employment opportunities, including twenty seven full-time permanent jobs at the wind farm.



I am very proud of Novo Nordisk's investment in renewable energy and doing business while realising the company's responsibilities to society. When I heard the energy is coming from Taibus, I was happy and honoured, because that is my hometown! Thank you, Novo Nordisk and best wishes to my hometown.

- Zhen Lizheng, Component Engineer, Site Tianjin, Product Supply, Novo Nordisk

The goal: 100 % renewable energy by 2020

In its environmental strategy, Novo Nordisk demonstrates leadership, not only with its commitment to energy and carbon savings, but also its commitment to renewable energy.

A combination of energy savings and renewable energy was implemented through a partnership between Novo Nordisk and the Danish company Dong Energy in 2007. This partnership has inspired other Danish companies to replicate this approach, leading to more wind power capacity coming on-line. Novo Nordisk's goal is to power all production facilities with 100% renewable energy by 2020.

The company is a member of the RE100 initiative and together with its partners the company has also developed the Cities Changing Diabetes program to improve lives in urban areas. Two of the five pilot cities are Tianjin and Shanghai in China.

