

LM Wind Power achieves carbon neutrality through improved energy efficiency, renewable energy and carbon reductions

LM Wind Power overcame challenges in greenhouse gas (GHG) accounting and in selecting decarbonisation and renewable energy solutions with the help of sound consulting. The company was successful in delivering on its carbon neutrality commitment, a global first in the wind industry, and in evolving its CleanLM sustainability programme.

About the client

LM WIND POWER

a GE Renewable Energy business

LM Wind Power, a GE Renewable Energy business based in Denmark, is a leading supplier of rotor blades to the wind industry.

"South Pole was LM Wind Power's advisor and provider of Renewable Energy Certificates and Carbon Credits, helping us to secure delivery of our industry-leading CleanLM programme – which is charting our journey to carbon neutrality in 2018. Due to the broad nature of the CleanLM programme, we engaged with a wide range of South Pole's experts within their GHG accounting, energy efficiency, offset instruments and policy developments teams/portfolios, and we encountered them as highly knowledgeable and responsive. Their services can be applied very hands on or used to inform long-term strategy. South Pole's large portfolio of verified carbon credit projects has also been a valuable asset in ensuring that our projects align with the LM Wind Power vision and business model."

Lene Mi Ran Kristiansen

Senior Manager, Communications & Sustainability
LM Wind Power





The Goal

For years, LM Wind Power has publicly shared its commitment to sustainability, recently pledging to become carbon neutral by 2018. This pledge includes evolving the #CleanLM sustainability programme by setting even more aggressive energy efficiency targets, ensuring all sites are powered by renewable electricity and ensuring carbon credit financing supports sustainable development in the markets they operate in.

LM Wind Power wants to ensure that their workforce shares the vision of the CleanLM programme, which is why employee engagement is another core success metric for the company.

The Challenge

LM Wind Power's biggest challenge was gathering and validating data to ensure the robustness of the GHG accounting work, as well as identifying actionable opportunities in energy efficiency and emission reductions.

The sustainability team had to educate other internal stakeholders on the technical details of available solutions and instruments used to achieve carbon neutrality. Furthermore, LM Wind Power had to understand the legal, technical and commercial viability of setting up green electricity for all their sites in the long run.

The Solution

South Pole helped LM Wind Power with their GHG accounting, ensuring that accounting procedures were in line with the GHG Protocol, and with mapping out efficiency gains and emission reduction opportunities together with local teams. In addition, South Pole's experts in GHG accounting, energy efficiency and decarbonisation solutions worked together with LM Wind Power to define an operational carbon reduction roadmap.

With this collaboration, LM Wind Power was able to identify clear cost reductions and operational efficiencies, including millions of Euros in annual savings on electricity use, to reach their company-wide target of carbon neutrality by 2018, and to inspire employees thanks to their leadership in the industry.

Why work with Us

Global team

We are a truly global provider of sustainability solutions and services. Our team is made up of over 130 skilled and enthusiastic professionals from over 20 different countries, based in offices spanning 6 continents.

Proven impact

Since 2006, we have measured the climate impact of countless companies and products worldwide. We have screened USD 200 bn+ of investments for their climate impact and we have developed 400 projects in renewables, forestry, agriculture, industry and households. Through our efforts, 50 million tonnes of CO₂ have been saved, almost as much as the annual CO₂ emissions of the country of Portugal.

Added value

We help you grow with groundbreaking solutions that benefit your business, the environment and society.



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