

Project 1165

# Salkhit Wind Farm

Mongolia

Selected by Carbon Neutral Britain - Salkhit Wind Farm is the first grid-connected wind farm in Mongolia. The project generates renewable electricity using wind power turbines, and supplies the Mongolian central grid to meet the growing electricity demand within the region. As the first wind farm in Mongolia - the significant benefits of its development are to help increase technical knowledge and expertise for future renewable development across the country.



**7** AFFORDABLE AND  
CLEAN ENERGY



**8** DECENT WORK AND  
ECONOMIC GROWTH



**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



**13** CLIMATE  
ACTION



Carbon Neutral Britain Project 1165 - Salkhit Wind Farm - is the first and most vital step in the development of renewable energy within Mongolia, as the first wind farm to supply wind energy to the national grid. With over 91% of all energy produced in Mongolia occurring from fossil fuel combustion - this project is designed to be the first of many to have a significant impact on reducing carbon emissions within the country. The expected total annual net electricity generation of Salkhit Wind Farm is 168.5 GWh with an emission reduction of 178,778 tonnes of CO<sub>2</sub> equivalent (tCO<sub>2</sub>e) each year.

Separate to the significant emission reductions, the key secondary benefits of the project are to stimulate the implementation of other renewable energy sources across the country, by improving the technical knowledge and expertise in the construction, commissioning, and safe operation of wind farms in Mongolia.

As a pioneering project, Salkhit Wind Farm has proven renewable energy can be established in regions of the world with the most extreme temperature variations - with Mongolian winter temperatures dropping to -50°C and summer temperatures rising to 50°C. By establishing itself with 'proof of concept' within in the region, further projects have already received approval and funding to ensure clean energy continues to grow and have a significant impact for decades to come.

A standalone and significant project, Salkhit Wind Farm will have long lasting benefits within a developing and environmentally challenging part of the world.







Credits Issued from one or more of the International Carbon Offsetting standards:



# AAA

Rated Carbon Credit Project

**This Project is a Verified Carbon Offsetting Project, selected by Carbon Neutral Britain™, which has undertaken Independent Project Validation and Assurance on quality, outcomes, and performance**

As the UK's Leading Carbon Offsetting provider - Carbon Neutral Britain has completed industry leading Independent Project Validation and Assurance for this project, and all projects are supported via the Climate Fund™ portfolio.

Following our mission to provide the Best Value, Biggest Impact, Most Transparency, and Upmost Quality and Assurance of projects supported, validation ensures all projects have a real and lasting impact on Climate Change. This is achieved via three layers of assessment.

**First** - this, and all projects utilised must be audited and approved via the United Nations CER, Verra, or Gold Standard Mechanisms. As the three largest, and most regulated carbon offsetting standards in the world - this ensures the measurements, and tonnes of CO2e offset are accurate, and verified by these third parties (with public audits available for each project).

**Second** - Carbon Neutral Britain selects projects based on the 'secondary' benefits, such as helping to provide education, employment, clean water, energy, or have a positive impact on the local wildlife and ecology (for nature-based projects). Carbon Neutral Britain ensures all projects align with United Nations Sustainable Development Goals - which are listed within this project pack.

**Third** - all projects are Independently Validated, completing due diligence on the audits completed via the applicable corporate standard.

Above and beyond the requirements of the United Nations CER, Verra, and Gold Standard Mechanisms, Validation Independently Assesses each project, and only AAA Rated Carbon Credit Projects are utilised within the offsetting portfolio's provided by Carbon Neutral Britain. An AAA Project Rating is achieved via the successful completion of the 6 steps below.

1

#### AUDIT REVIEW - ENHANCED ADDITIONALITY ASSESSMENT

In addition to the additionality assessment completed via the applicable mechanism, enhanced additionality assessments are completed for each project supported.

Enhanced assessment provides further assurance that the offsetting project can only occur as a result of climate finance.

2

#### AUDIT REVIEW - UNFCCC CRITERIA FOR PROJECT QUALITY

In addition to the audit completed via the applicable mechanism, each project is assessed alongside the IPCC criteria for offsetting project development.

In addition, each project is reviewed alongside the UNFCCC criteria for carbon offset project quality.

3

#### PROJECT CATEGORY RESTRICTION

Complete assurance over emissions avoidance or capture are required for the highest rating credit.

As a result, projects are selected from a filtered list of project categories, to ensure no REDD or REDD+ (Reducing emissions from deforestation and forest degradation) projects are utilised.

4

#### SATELLITE, AI AND REMOTE SENSING REVIEW

Independent validation of project development and outcomes are reviewed via satellite, AI, and/or remote sensing - where applicable.

Tree planting and reforestation sites can be remotely tracked and reviewed (alongside surrounding areas), to ensure optimal carbon capture has occurred.

5

#### DURABILITY AND PERMANENCE ASSESSMENT

Permanence of each project is evaluated to ensure emissions avoidance or capture last for 100 years or more.

Durability is also assessed for direct air capture and enhanced weathering projects, where permanence can be assured for hundreds of years via technological solutions.

6

#### CONTINUOUS PROJECT MONITORING

The highest credit rating requires continuous monitoring of each project to ensure it will deliver the expected emissions reductions over time.

In addition, continuous monitoring ensures issues and deviations of emissions reporting are addressed throughout the crediting period.