

# GENERATING RENEWABLE WIND POWER, CHINA

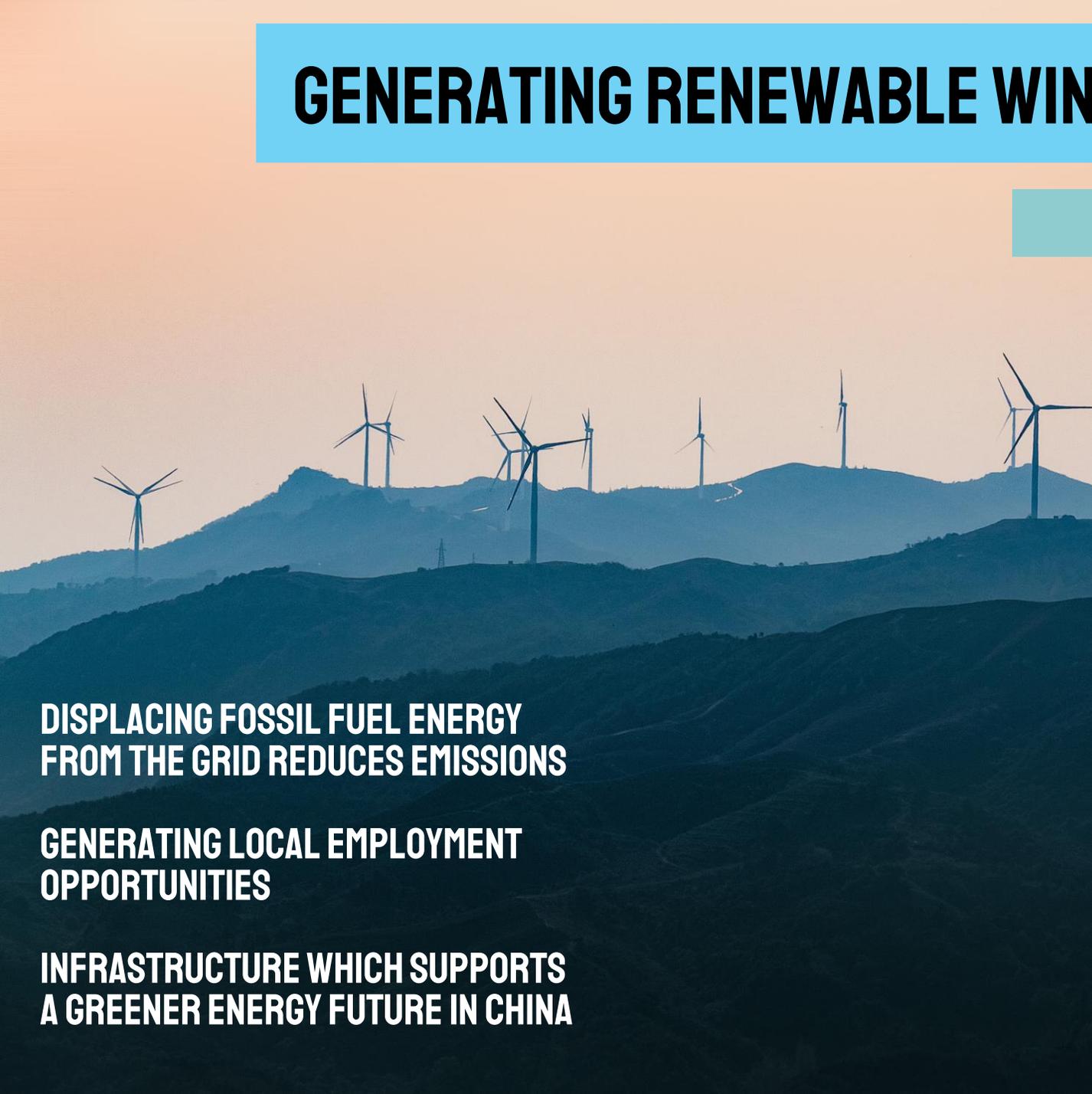
## SUPPORTING THE GLOBAL TRANSITION TO LOW-CARBON AND RENEWABLE ENERGY

China is the largest energy consumer worldwide, accounting for 24% of global energy consumption in 2019.

To fuel this energy demand, China has been historically reliant on fossil fuels; in 2019 58% of its energy came from coal, for which it is increasingly reliant on imports, and China remains the largest importer of oil and natural gas in the world. China's reliance on highly polluting fossil fuel energy sources contributes to carbon emissions and the generation of particulate matter and sulphur dioxide which are harmful to health.

Many regions have the potential to develop clean, renewable electricity to meet growing demand but require low-carbon investment to make this a reality. Leveraging carbon finance, grid-connected renewable power plants harness wind power to increase the supply of clean energy to the grid, providing an affordable and reliable source of power in the local regions.

Through displacing fossil fuel electricity, thousands of tonnes of emissions are reduced annually, as well as alleviating air pollution, supporting energy security and promoting the adoption of renewable energy in China. Local employment opportunities are also generated during assembly, installation, and the ongoing operation of the wind farm.



**DISPLACING FOSSIL FUEL ENERGY  
FROM THE GRID REDUCES EMISSIONS**

**GENERATING LOCAL EMPLOYMENT  
OPPORTUNITIES**

**INFRASTRUCTURE WHICH SUPPORTS  
A GREENER ENERGY FUTURE IN CHINA**

# DELIVERING THE GLOBAL GOALS (SDGS)

7

AFFORDABLE AND  
CLEAN ENERGY



Producing renewable electricity each year, displacing fossil fuel energy from the grid, and reducing dependence on finite and pollutive energy sources.

8

DECENT WORK AND  
ECONOMIC GROWTH



Providing employment opportunities for local communities in the construction and operation of wind farms.

9

INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



Improving infrastructure unlocks new opportunities for local industry as well as strengthening existing income generation in the area.

13

CLIMATE  
ACTION



Reducing thousands of tonnes of carbon emissions each year, contributing to significant global emission reductions.

## GET IN TOUCH:

Call: +44 (0)1865 591000 or

Email: [business@climatecare.org](mailto:business@climatecare.org)

