

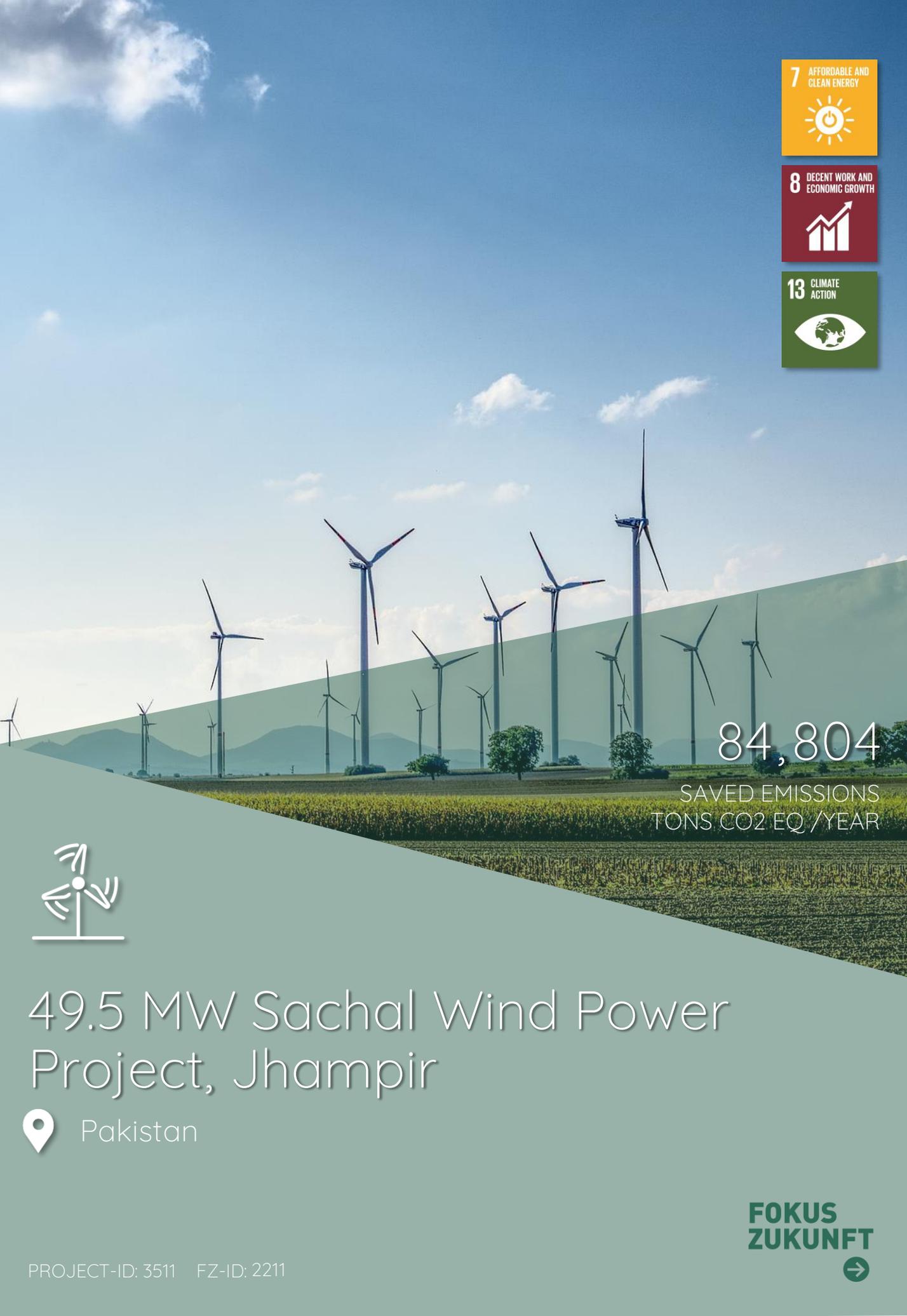
7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



13 CLIMATE ACTION



84,804

SAVED EMISSIONS
TONS CO2 EQ./YEAR



49.5 MW Sachal Wind Power Project, Jhampir

 Pakistan

PROJECT-ID: 3511 FZ-ID: 2211

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49.5 MW Sachal Wind Power Project, Jhampir

Reliable and clean wind energy supply for Pakistan

The 49.5 MW Sachal Wind Power Project is owned by Sachal Energy Development (Pvt) Ltd and is located in Jhampir, about 90 km northeast of Karachi City.

It has installed 33 wind turbines of 1.5 MW each. These have a total installed capacity of 49.5 MW and are expected to feed 136 500 MWh of electricity per year into the grid.

The supplier of the wind turbines is the Chinese company Goldwind Science and Technology Co. LTD.

The project uses wind resources to generate electricity by constructing a wind farm with a total capacity of 49.5

MW and feeds the generated electricity into the grid of Pakistan's National Transmission & Dispatch Company Limited (NTDC).

By replacing the electricity supplied by the NTDC grid, most of which comes from fossil fuel-fired power plants, the project contributes to increasing renewable energy. The resulting emission reduction is 84,804 t CO₂e/year.

[For more information please click here.](#)

Overview of the project data:



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The project contributes to the following sustainability goals:



Affordable and clean energy:

More renewable wind energy in Pakistan's energy mix reduces the country's costly dependence on imported oil and coal, closes serious electricity supply gaps and promotes a sustainable and climate-friendly energy sector in Pakistan that provides more people with affordable and clean energy.



Decent work and economic growth:

The project creates new quality jobs and income opportunities for local workers, both temporarily during the construction phase and permanently during ongoing operation. Once the wind turbines have been commissioned, 20 qualified full-time employees who have been specially trained for this task will work for the Sachal wind farm.



Climate action:

With annual verified GHG emission savings of nearly 85,000 tCO₂e in 2019 and 2020, the project is a highly effective and efficient means of improving Pakistan's climate footprint.