

SUPPORTING RENEWABLES, GLOBAL



POWERING THE LOW-CARBON TRANSITION GLOBALLY

Renewable electricity capacity is growing worldwide, and renewables' proportion of total generation is increasing. However, this increase is not fast enough and not equally spread geographically. Indeed, more than 60% of global electricity is still generated by burning fossil fuels.

In order to achieve the goals set out under the Paris Agreement, it is therefore vital to rapidly decarbonise electricity generation around the world.

Purchasing carbon credits from grid-scale renewable energy projects supports these efforts. Carbon finance is supporting the development of clean energy projects in locations where it is not profitable to do without additional revenue streams – bolstering the transition to low-carbon energy provision and reducing emissions.

Renewable energy projects not only feed clean electricity into the grid, they also stabilise supplies for rural communities, improve infrastructure around project areas, and provide jobs for local people during construction and operation.



DELIVERING THE GLOBAL GOALS (SDGS)

3 GOOD HEALTH AND WELL-BEING



By displacing grid-connected electricity with clean energy, fossil-fuelled generation is displaced reducing SO₂ and soot.

7 AFFORDABLE AND CLEAN ENERGY



Renewable energy projects produce and supply clean, reliable energy to communities.

8 DECENT WORK AND ECONOMIC GROWTH



Building and operating project sites requires skilled and unskilled labour, often in rural settings where employment opportunities are limited.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Projects often improve areas around sites: paving roads, adding electricity connections, and improving connectivity to remote communities.

13 CLIMATE ACTION



The projects reduce emissions by displacing fossil fuel-generated electricity.



WHAT THE CARBON FINANCE DELIVERS

Carbon finance is fundamental to the establishment and operation of renewable projects in many locations around the world.

Energy projects typically rely on a combination of Power Purchase agreements (PPAs) and external investment to meet their set up and running costs. However, owing to a lack of investment in renewables in certain parts of the world, PPAs are often insufficient to meet running costs and investors can be unwilling to commit.

Carbon finance therefore provides a vital source of income for these projects, bridging the funding gap left by PPAs, and making projects more financially viable to investors. Furthermore, projects such as this pave the way for more widespread adoption of renewable energy globally.



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