



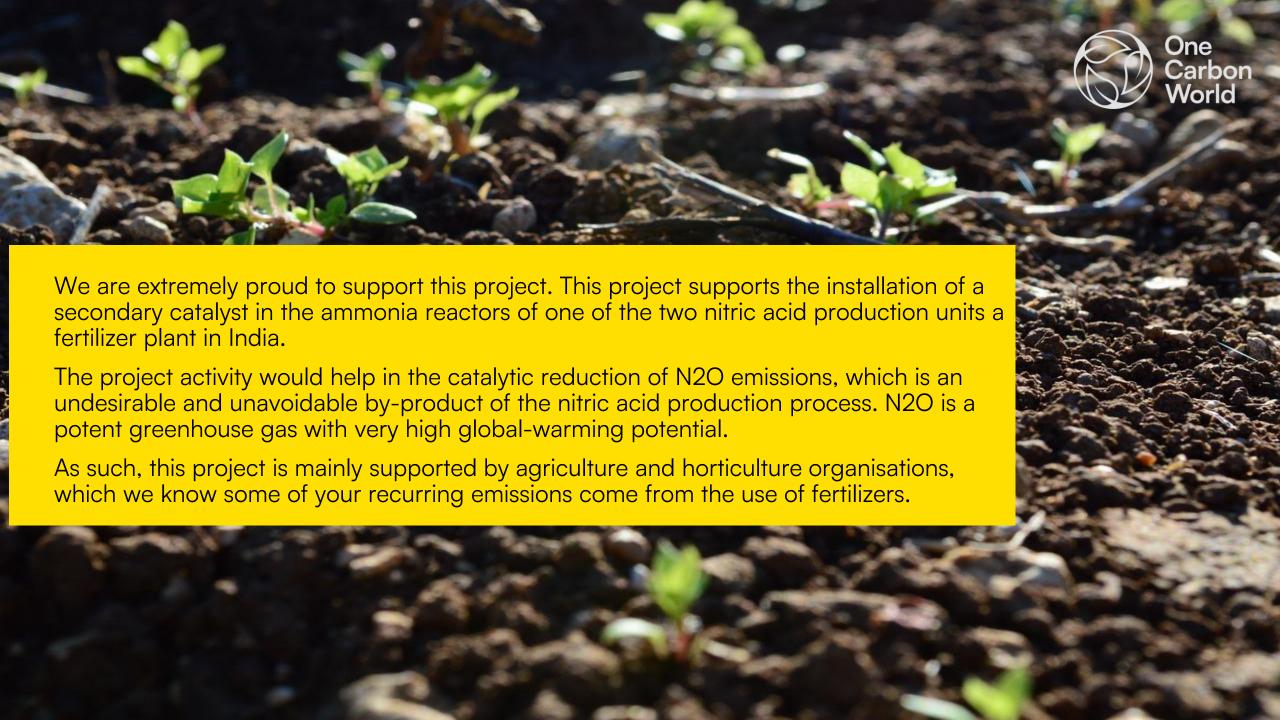
Why this Project?



According to the United States Environmental Protection Agency (US EPA), Nitrous Oxide (N2O) has a Global Warming Potential 273 times that of carbon dioxide (CO2) - N2O is more potent than CO2.

This project presents a comprehensive solution to promote sustainable fertiliser production and reduce annual N2O emissions, which is a much more damaging greenhouse gas compared to CO2





Introduction

One Carbon World

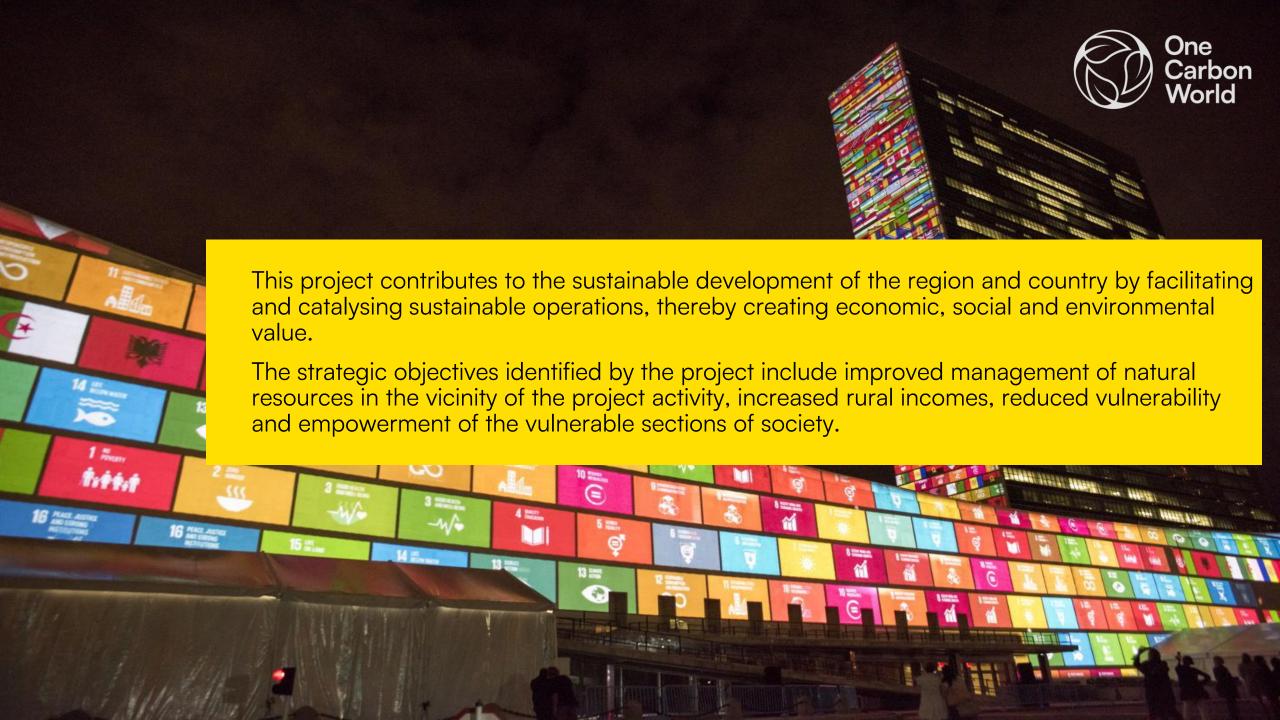
Aim of this project

This project is located in Western India.

This project has the protection of the environment at its core and aims to reduce N2O emissions in Nitric Acid plants by installing secondary catalysts to react with N2O and result into harmless N2 formation, and thus reduces emission of GHG into atmosphere

Main Objective

Transferring of technology for N2O abatement by providing the necessary momentum to other similar industries to come up with such project activities in their plants.



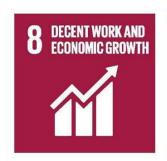
Social and Economic benefits















This project led to creation of employment during construction and commissioning of the technology measure, which is crucial for economic growth and social stability.

This project has also contributed to the capacity building and empowerment of local communities in Maharashtra by involving them in project activities and building infrastructure to support the project.

The development of this project improves micro-economic efficiency of the sector by introducing new technologies and transferring technological knowledge.

Environmental benefits





The activities linked to this project have only positive impact on the environment. This project results in GHG emission reductions through abatement of N2O from the stack of nitric acid plant by converting harmful N2O to harmless N2. This project thus contributes to the to climate change action by reducing GHG emissions.



Contact us



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