

Sichuan Coal Mine Methane, China

Capturing methane to reduce emissions and generate clean energy



The project, located in Sichuan province, helps to reduce GHG emissions from 4 coal mines by capturing coal mine methane (CMM) released from the earth through mining activities. Methane is one of the most potent greenhouse gases, around 25 times more potent than CO₂. The project involves converting the methane into electricity, which will power the mining activities and displace electricity used from the on-site power plant and the Central China Power Grid. Capturing the methane also reduces the risk of explosions in coal mines.

Project benefits

SUSTAINABLE DEVELOPMENT GOALS

4 QUALITY EDUCATION



Training for all employees

depending on their tasks they will be given general and technical training on installation, operation, maintenance and calibration of monitoring equipment

8 DECENT WORK AND ECONOMIC GROWTH



Jobs for locals

boosting economic development in the region

13 CLIMATE ACTION



215,000 tCO₂e

mitigated on average annually