

Carbon Offset Program



Location:

India

Type:

Solar Power

Registry:

BAFU

Standards:



Project Overview:

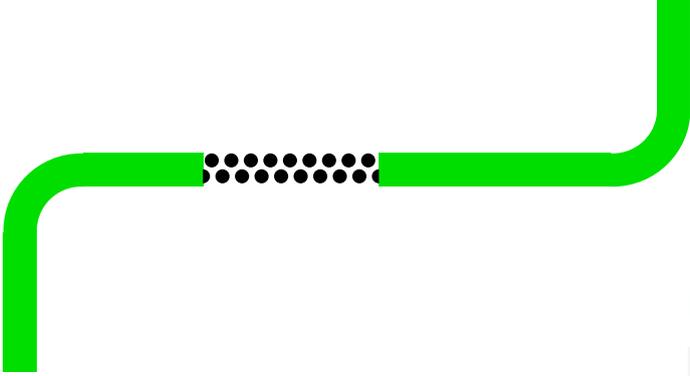
Rajasthan, and particularly its agricultural sector, has been heavily impacted by climate change. However, this northwestern state of India is known for its blistering sun and has serious solar power potential that, if tapped into, could save India from burning tonnes of coal each year.

Bhadla Solar

Harnessing the power of the sun for sustainable electricity in India.



Imagery courtesy of South Pole



The Solution

To replace thermal and fossil fuel-based energy, this project installs a 70 MW solar power facility in Bhadla village to harness Rajasthan's famous sunshine. It reduces the emissions of harmful greenhouse gases, instead exporting clean and renewable energy to the Indian national grid. In doing so, this project will work towards India's national progressive energy target of reaching 100GW of solar energy capacity by 2022.

The Impact

This project reduces India's reliance on carbon-intensive energy sources and supports its forward-thinking renewable energy targets, and boosts local economies by providing job and training opportunities. As well as these direct benefits, the project funds a number of additional initiatives for local communities: installing solar street lights, giving solar lamps to local families and upgrading the village health clinic to ensure 24x7 uninterrupted access to electricity. On top of these, the project has installed new solar-powered toilets for two secondary schools and improved clean water access for the local police station and school. In addition, self-help groups teach local women new skills such as reading, writing and sewing so that they can earn an income.

SUSTAINABLE DEVELOPMENT GOALS

4 QUALITY EDUCATION



31 training sessions

to ensure employees can skilfully run the plant.

5 GENDER EQUALITY



50 sessions

to empowering women to acquire new skills.

6 CLEAN WATER AND SANITATION



27 people

benefit from clean water thanks to the installation of a water tank.

7 AFFORDABLE AND CLEAN ENERGY



122,000 MWh

of renewable energy sent to the national grid on average per year.

8 DECENT WORK AND ECONOMIC GROWTH



40 jobs

created including technical and non-technical roles

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



761,000 solar modules

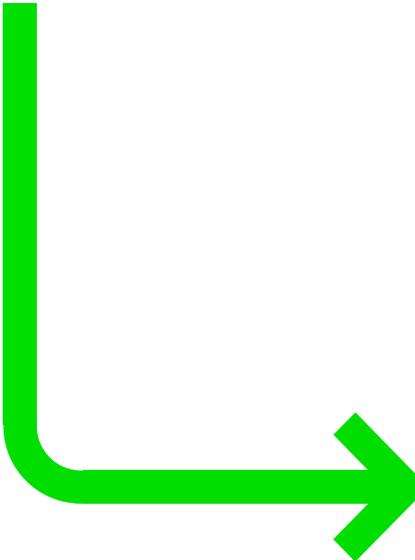
built developing the region's sustainable infrastructure.

13 CLIMATE ACTION



119,000 tonnes of CO2e

reduced on average per year.



FCM MEETINGS & EVENTS

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Carbon Offset Program

Mount Sandy Conservation

Promoting partnerships for conservation between traditional landowners and non-indigenous Australians through vital conservation work.



Location:
Australia

Type:
Biodiversity Conservation

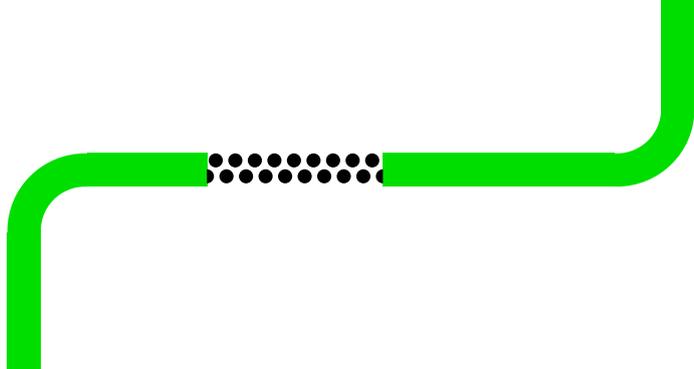
Standards:

EcoAustralia™

Project Overview:

The Coorong National Park and Lakes Alexandrina and Albert are the meeting point where the Murray, Australia's largest river, with a catchment of over one million square kilometres feeds into the Southern Ocean. Part of South Australia's Limestone Coast, this region features some of the country's most breathtaking landscapes. However, land surrounding these national treasures has been largely cleared for agriculture.



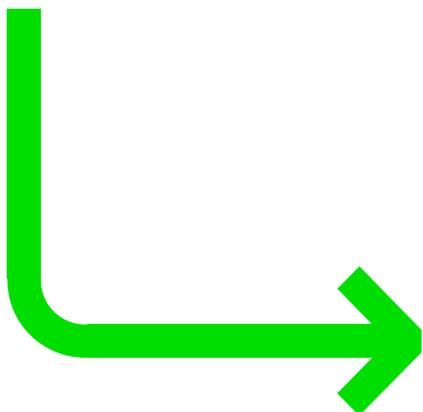


The Solution

Located on the traditional lands of the Ngarrindjeri people, Traditional Custodians of the Coorong, Mount Sandy is a rare pocket of intact native vegetation in a region now dominated by farmlands. The 200-hectare project site features a unique mix of coastal shrublands and saline swamplands that provide strategic habitat for iconic native wildlife, such as the short-beaked echidna, purple-gaped honeyeater and elegant parrot. Over thousands of years, the Ngarrindjeri people have cared for Coorong country, developing an intimate connection to the land that sustains them. Project management itself is made possible through close collaboration with local Ngarrindjeri Elders, Clyde and Rose Rigney, who oversee the ongoing management and conservation of vegetation at the Mount Sandy site.

The Impact

The Mount Sandy project ensures permanent protection for a regionally and culturally important pocket of biodiversity-rich land in partnership with its Traditional Owners. Local birds, animals and plants flourish undisturbed, while native plants for revegetation will be supplied by the local nursery at Raukkan Aboriginal Community, a self-governed Indigenous community 50 kilometres northwest of the project site. Raukkan community members are also employed for onsite works including vegetation monitoring and mapping, fencing, and pest and weed control.



SUSTAINABLE DEVELOPMENT GOALS

<p>8 DECENT WORK AND ECONOMIC GROWTH</p> 	<p>5</p> <p>job opportunities for Indigenous Ngarrindjeri Australians</p>
<p>13 CLIMATE ACTION</p> 	<p>Gold Standard</p> <p>carbon credits stapled to each government accredited Australian Biodiversity Unit purchased from Mount Sandy, meeting stringent standards for NCOS Climate Active eligibility.</p>
<p>15 LIFE ON LAND</p> 	<p>200</p> <p>hectares of strategic habitat protected and registered on the South Australian Native Vegetation Council Credit Register.</p>
<p>17 PARTNERSHIPS FOR THE GOALS</p> 	<p>Partnerships for Reconciliation</p>

FCM MEETINGS & EVENTS

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Carbon
Offset
Program



Location:

Rwanda

Type:

Safe Water

Standards:

Gold Standard

Project Overview:

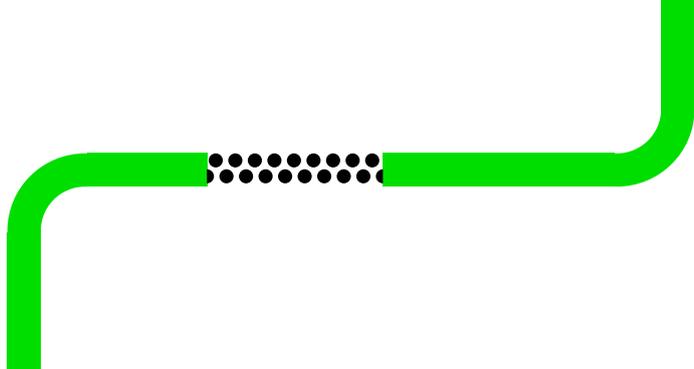
The quality of water in Rwanda is typically not safe to drink; for clean water, families must either boil it over inefficient wood-fuelled fires or travel long distances. The burden to source water, sometimes hours each day, or suffer respiratory illnesses from inhaling smoke from the indoor fires, especially impacts women and children. Boreholes offer an excellent solution, however, communities are often unable to maintain them over the long term.

Safe Community Water Supply

Climate protection starts
with clean water.



Imagery courtesy of South Pole

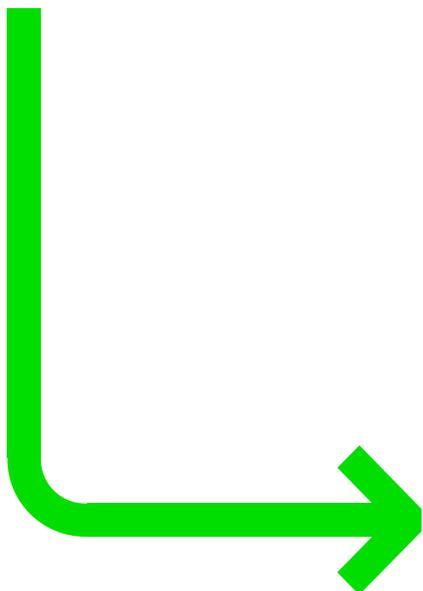


The Solution

This project restores and repairs existing boreholes to provide clean drinking water to Rwandan communities, removing the need to boil water for purification. Each borehole is up to 100 metres deep, and can be operated with a simple hand pump. The boreholes will be maintained over the project lifetime.

The Impact

By providing safe water to communities, this project sparks a chain of positive benefits. Children do not have to spend as much time gathering water or firewood, so they can dedicate time to studying. Families resources are freed up as they don't have to spend money or time on firewood, instead, they can take part in other income-generating activities, household tasks or taking care of each other. Water-borne and respiratory diseases are reduced thanks to better sanitary conditions and less indoor smoke. By removing the need to boil water the project significantly reduces greenhouse gas emissions as well as deforestation pressures on surrounding forests where firewood is sourced.



1 NO POVERTY



68,000 people

benefit from project benefits, improving the livelihoods of communities.

6 CLEAN WATER AND SANITATION



50 million litres

of clean water is supplied by project boreholes annually.

13 CLIMATE ACTION



140,000 tonnes of CO2e

mitigated on average annually by removing the need to boil water on wood fires for purification.

15 LIFE ON LAND



85,000 tonnes

of wood saved, relieving pressures on surrounding forests.



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