



Solar water pumps for salt farmers of Kutch, Gujarat, India



About the Project

The project aims to install solar PV systems for operating the water pumps used by salt farmers/Agariyasa. The farmers generally use diesel for pumping out water/ brine into the salt pans. With the installation of the solar PV systems, majority of the diesel usage is replaced by a renewable energy source.

The area has dual characteristics of a wetland in June-September when it is submerged in rainwater as well as the water from the sea, and a dry season during which the salt farming is practiced. Most of this water evaporates by the month of October, the beginning of the salt season.



Project Implementation

The project is a renewable energy project under the Gold Standard that makes use of solar energy for operating water pumps. The operation of the pumps is a very crucial aspect in the salt farming process. It directly impacts the livelihood, food security and quality of living of the Agariyas. By installing solar panels for operating the pumps, the project ensures that affordable, reliable and sustainable clean energy is accessible to the salt farmers.



Location:

Country: India

State: Gujarat

Region(s): The little
Rann of Kutch

Implementation Partner

**GRASSROOTS TRADING
NETWORK FOR WOMEN –
SEWA**

Annual average emission
reduction
over the crediting period

4300 tCO₂e

Duration of the Project

5 Years





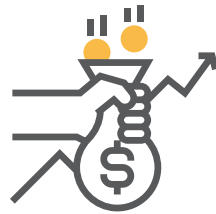
Project Benefits



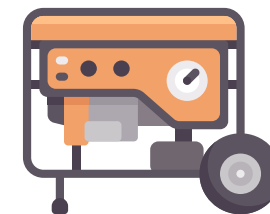
Project exclusively for women farmers



Reduced air pollution in the farms



Financial savings:
A salt farmer spends nearly a 1500 USD annually, a significant portion of her earning, for procuring diesel.



Reduce diesel consumption:
by more than 40%

SDGs Addressed



**SUSTAINABLE
DEVELOPMENT** GOALS



VNV ADVISORY

VNV Advisory Services has been at the forefront of working with climate change and livelihoods. Our decade-long experience has seen us develop low-carbon projects that support these communities in getting their basic needs while adapting to and mitigating the harsh impacts of climate change. We work in areas of clean cooking, social forestry, sustainable agriculture, rural energy access and many other related community based technologies. With support from over 40 NGOs and implementation partners, our work encompasses over 4 million rural households and 50,000 hectares of forest areas under management across the South Asian (India, Bangladesh, Nepal, Laos, Myanmar and Sri Lanka) region. We have also been able to engage with businesses to address issues of Social Responsibility, Environmental Sustainability and Carbon Neutrality.





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