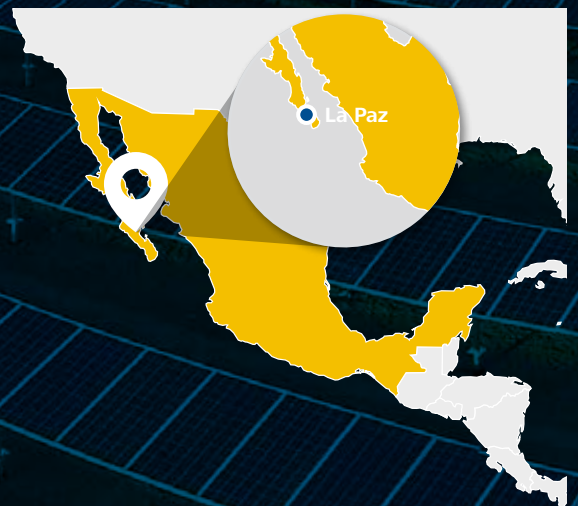




Aura Solar I Mexico

Pioneering solar power in Latin America



Aura Solar I is one of the largest photovoltaic energy projects in Latin America. Harnessing the power of the sun to generate over 80,000 MWh of clean electricity annually, the project is a key driver in Mexico's transition away from fossil fuels towards a more sustainable energy future.

The Context

The Aura Solar I power plant is located on a 100-hectare site in La Paz, the capital of Mexico's Baja California state. As one of the first large-scale solar photovoltaic plants developed in Latin America, the project is an important trigger in Mexico's clean energy revolution.

The Project

Aura Solar I has an installed capacity of 39 MW and is one of the first large-scale solar photovoltaic plants developed in Latin America. The electricity that is produced is supplied to the grid through a new 115kV/2.9km transmission line connected to the substation, "Olas Atlas".

The Benefits

By replacing fossil fuel use, the project significantly reduces emissions and helps mitigate the environmental risks of the transport of hydrocarbons into the delicate ecosystem of the Gulf of California. Aura Solar employs local workers and provides employees technical training.

The project is part of the wider initiative, "Iniciativa Aura Solar" which aims to develop large-scale photovoltaic projects that capitalise on Mexico's solar potential to subsidise the electricity grid and kickstart the country's renewable transition



153 employees

trained, providing important capacity building to local communities



82,000 MWh

generated on average annually, providing clean energy for Mexico



7,000 USD

invested in improved road infrastructure, promoting development in the region



42,500 tCO₂e

mitigated per year on average, by providing an alternative to the burning of fossil fuels

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: Aura Solar I Solar Project in Baja California Sur, Mexico | **VCS link:** http://www.vcsprojectdatabase.org/#/project_details/1417 | **VCS ID:** 1417