



SOLAR POWER PLANT

STRATEGIES

Sustainability

CHALLENGE

Renewable energy and responsible consumption

DESCRIPTION

Cartagena's government spends about 1million dollars per year in electricity. There is a great geographical opportunity to build a solar power plant with a generating capacity of at least 3 MW. This project can be built in partnership with the city to take a leap towards clean energy.

Due to the low sunlight volatility rates of the region and the availability of sunlight (calculated at almost 5.42 kw/m2), Cartagena is an ideal location for a solar power plant. Also, the Colombian legislation offers a great opportunity for investors to bring expertise and capital to renewable energy projects.

KEY PERFORMANCE INDICATORS

- ▷ Reduction of energy costs by 40%
- ▷ Reduction of the carbon footprint
- ▷ Savings reinvested in social issues such as poverty alleviation





PROJECT LEADER

General Secretary

CLIMATE EMERGENCY



BENCHMARK PROJECT (FOR REFERENCE)

CleanCo Queensland, Australia:
<https://cleancoqueensland.com.au/>



SOLAR POWER PLANT

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SUSTAINABLE DEVELOPMENT GOAL IMPACTED

7 AFFORDABLE AND
CLEAN ENERGY



Ensure access to
affordable, reliable,
sustainable and
modern energy

17 PARTNERSHIPS
FOR THE GOALS



Revitalize the
global partnership
for sustainable
development

9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



Build resilient
infrastructure,
promote sustainable
industrialization, and
foster innovation

13 CLIMATE
ACTION



Take urgent action
to fight climate change
and its impact

NUMBER OF SDG INDICATORS IMPACTED



Alcaldía Distrital de
Cartagena de Indias



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