

SOCIAL IMPACT MANAGEMENT
PUERTO LIBERTAD
PHOTOVOLTAIC
PLANT
MEXICO



BUSINESS AS UNUSUAL

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ACCIONA Energy





Puerto Libertad Photovoltaic Plant

MEXICO

LOCATION

Puerto Libertad, Sonora, Mexico

OWNERSHIP

ACCIONA Energy (50%), Tuto Energy (50%)

INSTALLED CAPACITY

317.5 MW

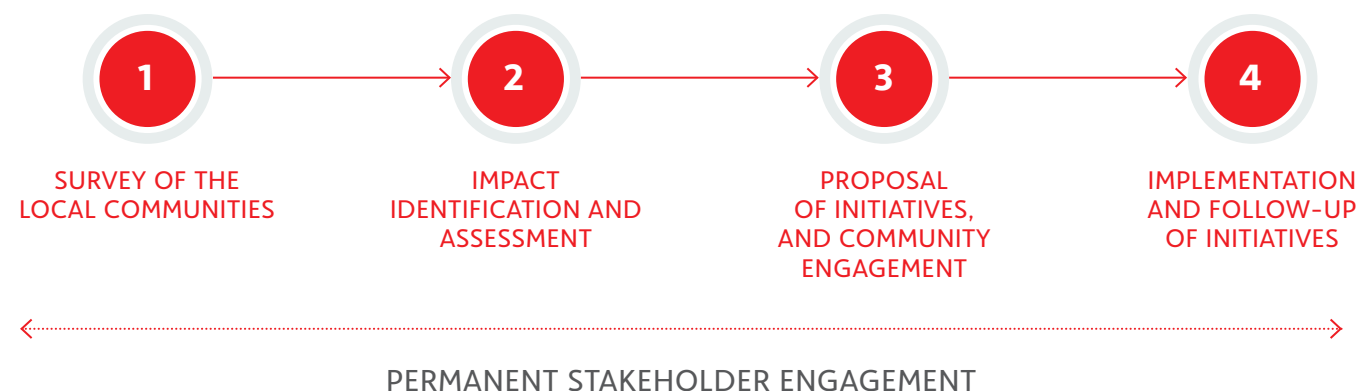
BUDGET

€303 million

ACCIONA seeks to have a positive impact on the communities in which it operates.

The photovoltaic complex will produce 772.92 GWh per year, capable of covering the electricity demand of 583,000 Mexican households. This production will avoid the emission into the atmosphere of 925,443 tons of CO₂ by coal-fired power plants.

SOCIAL IMPACT MANAGEMENT AT THE PUERTO LIBERTAD PHOTOVOLTAIC PLANT



1 SURVEY OF THE COMMUNITIES IN THE AREA

- Puerto Libertad project direct area of influence.
- Main economic activities: fishing, thermal power plant (owned by the Federal Electricity Commission - CFE) and commercial activities dependent on the foregoing.
- High level of fulfilment of basic needs.

2 IMPACT IDENTIFICATION AND ASSESSMENT

POSITIVE IMPACTS

- Higher demand for local goods and services.
- Local jobs created during the construction phase.
- Increased economic activity by local firms supplying construction materials.

NEGATIVE IMPACTS

- Pressure on local service capacity.
- Problems with dust around the road leading to the project.

3 PROPOSAL OF INITIATIVES AND COMMUNITY ENGAGEMENT

INFORMATION CAMPAIGNS

- Communication and outreach programme with the residents of the project's area of influence.
- Permanent community liaison during construction and operation.
- Information sessions open to the general public.
- Relationship committee comprising representatives of the community and the project developer.

EDUCATION

- Training activities to create a local pool of skilled labour.
- Sustainability workshop: environmental education programme for primary and secondary schoolchildren in the area.

ECONOMIC DEVELOPMENT

- Creation of a local job bank to maximise the positive impact on employment.
- Workshops with owners and managers of local businesses.

4 IMPLEMENTATION AND FOLLOW-UP

Community outreach initiatives are being implemented in the construction phase and some will be maintained in the operation phase. There is constant engagement with the community; opinion surveys were conducted before construction began. The surveys provided:

- insights into the local community's opinion of the project and its expected benefits.
- level of availability to be an active member of the community.

In 2018, follow-up surveys were conducted with survey respondents to ascertain their perception of the changes produced by the project once construction had concluded. Notable features were improved waste collection and better access to drinking water.