

Environmental impact assessment:

Positive impact:

- Reducing greenhouse gas emissions through the use of renewable energy sources.
- Providing access to clean drinking water, which helps improve public health.
- Creating a favorable microclimate in the recreation area.
- Improving the aesthetic appeal of the village and developing ecotourism.

Potential negative impact:

- Possible landscape changes when installing modules.
- Risk of environmental pollution due to improper disposal of waste associated with the operation and maintenance of the system.

Measures to minimize negative impact:

- Careful selection of the installation location of the modules, taking into account the minimization of impact on existing ecosystems.
- Use of environmentally friendly materials in construction and maintenance.
- Development and implementation of an environmental monitoring system.
- Educating the local community on the principles of environmentally friendly operation and maintenance of the Palm Grove.

