

Les Soleils du Garamba

green energy infrastructure project portfolio

Les Soleils du Garamba is a Team Europe funded portfolio of green mini-grid energy infrastructure in Democratic Republic of Congo, facilitated by **MARGE.EU** and developed by **GDS International**, and jointly built with **My Joule Box**. The project aims to reduce the anthropic pressures on the Garamba National Park and improve its relations with the local communities.

Through a green energy mini-grid it is expected that more than 3,000 customers will be connected with distributed renewable energy (DRE) by 2026, including households, public education, health institutions and businesses, improving local socio-economic conditions, thus reducing incentives for banditry and guerrilla warfare. The project is expected to mitigate about 2,000 tonnes of CO₂ emissions every year. Through green energy, the project contributes to the preservation of local biodiversity and the pacification of the region

The mini-grid will offer reliable and affordable access to clean electricity. Free public lighting will enhance security and education, while access to electrical technologies will support critical needs such as cold chain systems for food and vaccine storage. Additionally, the mini-grid will benefit farmers by mechanising agriculture value chain processes, such as through solar water pumps for irrigation.



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Location:

Garamba National Park,
Dungu, Haut-Uélé,
Democratic Republic of Congo



Budget:

~EUR 10,000,000



Team Europe financing:

European Union



Green energy infrastructure:

The project will generate
2.5 MWh with 1 MWp capacity.



Electricity connections:

The project aims to provide
renewable power to

3,000 customers,
impacting

50,000 people

On the total **3,000** customers,
about **500** are businesses
and **300** are schools.



Climate impact:

~2,000 tonnes

of CO₂ emissions

will be avoided every year.



Social impact:

Reduction of deforestation
and poaching through the
replacement of wood and
biomass by electricity as an
energy source, appeasement
of the region with the
diversification of economic
opportunities.

Team Europe Project Partners:



Cofinancé par
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Showcased by:



**Alliance for Rural
Electrification**

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