

Solar Power for Improved Health and Well-being in Bulbuli, Nigeria



Project duration: 6 months

Photo: CREACC-NG

In 2023, EKOenergy granted €37,500 to the Centre for Renewable Energy and Action on Climate Change (CREACC-NG) for their solar-powered community project in Bulbuli, northwestern Nigeria, the third project funded through EKOenergy's Climate Fund.

Bulbuli, situated in one of the poorest areas in Nigeria, lacks access to clean water and electricity, resulting in severe health challenges such as cholera outbreaks and high maternal mortality rates. In response to these pervasive challenges, CREACC sought funding from EKOenergy's Climate Fund to provide the community with solar energy and essential infrastructure. The initiative, completed in November 2023, involved installing a 3.6v kWp solar photovoltaic system with battery storage, addressing critical issues related to healthcare, water scarcity, and the lack of electricity.

The project's impact is evident in the significant improvements to living conditions for over 47,000 people in Bulbuli and nearby villages, effectively mitigating health crises, providing access to clean water, and bringing sustainable electricity to this previously marginalised community. CREACC has reported clear improvements in the local community's well-being.

The project included constructing a solar-powered clinic dedicated to women and children, enabling easy access to high-quality healthcare and increasing the number of healthcare seekers. Furthermore, a water

supply system, facilitating a daily provision of 20,000 litres, has led, according to CREACC, to a 90% reduction in waterborne diseases by ensuring clean water access for both people and animals.

The introduction of an eco-friendly toilet has enhanced sanitation and reduced the risk of environmental pollution. With the installation of a solar charging station, residents have been able to charge their phones, fostering improved connectivity and information-sharing within the community. Additionally, a tree nursery for 50,000 seedlings is aiding in the restoration of native trees in the village.

By addressing energy poverty and providing holistic solutions for improved health and well-being, the project has directly contributed to several Sustainable Development Goals, including, for example, Goal 3 (Good Health and Well-Being) and Goal 6 (Clean Water and Sanitation).

This project marks the third impactful initiative that CREACC-NG has completed, thanks to users of all sizes and sellers of EKOenergy-labelled energy.

Our Climate Fund



Focus on energy poverty and multiple Sustainable Development Goals



New projects annually in lower-income countries



Projects run and monitored by trusted NGOs



Selected through a transparent process



In 2023, EKOenergy approved grants for 20 new projects



All EKOenergy users contribute 0.10 € / MWh to the Climate Fund

EKOenergy - the global ecolabel for renewable energy

EKOenergy is [the global ecolabel](#) for energy (electricity, gas, heat and cold). We are a non-profit initiative working to fight climate change, protect biodiversity and realise the Sustainable Development Goals.

Energy with the EKOenergy ecolabel fulfils additional [sustainability criteria](#). Through our ecolabel we also raise money for our Climate Fund, which is used to finance [new renewable energy](#) projects in developing countries.

EKOenergy's network of authorised sellers makes EKOenergy-labelled energy easily [available in over 80 countries worldwide](#). Many consumers of EKOenergy-labelled energy choose to use our ecolabel on their website or products to demonstrate their commitment to a 100% renewable and sustainable world.

EKOenergy users include large international businesses such as Microsoft, SAP, VMware, Pampers, Workday, SCHOTT and the Iliad Group, as well as cities, public organisations and individual households.



Sustainability criteria: additional value for our planet

	EKOenergy	Other renewable energy	Grid mix
Recommended by environmental organisations	✓	?	-
Extra criteria to minimise the impact of energy production on nature. For example, hydropower installations with fish passes and wind turbines outside important bird areas	✓	?	-
Renewable energy tracked by EACs, such as GOs and I-RECs (In line with Greenhouse Gas Protocol Scope 2 Guidance)	✓	✓	-
Contributes to renewable energy projects in developing countries, advancing the realisation of multiple Sustainable Development Goals	✓	-	-
Available and recognised worldwide	✓	-	-
Supports the promotion of a transition to renewable energy worldwide	✓	-	-

Endorsed by global standards

EKOenergy is recommended by many international environmental standards such as CDP, the Greenhouse Gas Protocol, Greenkey for hotels and LEED-certification for buildings.

"A growing number of hotels in Europe have already switched to EKOenergy and include the EKOenergy logo in their communication with their guests. Follow their lead and [go the extra mile](#)."

"Ecolabels are a way for companies to do more with their purchases. EKOenergy, mentioned by the GHG Protocol Scope 2 Guidance, is such an option: it is [a mark of quality](#) which comes on top of tracking certificates."

"EKOenergy represents the [best available option](#) for the sustainable and additional consumption of renewable electricity within Europe."

