

Clean Energy for Improved Health in Kajiado West, Kenya



Project duration: 1 year

Photo: Renewable World

EKOenergy's €33,000 grant helped bring solar-powered electricity to clinics in Kenya's energy-deprived Kajiado West area through Renewable World's Clean Energy for Health initiative, combatting energy challenges in an impoverished and underserved region.

The objective of the Clean Energy for Health (E4H) initiative in Kajiado West was to secure improved community health through access to reliable and sustainable clean energy technology for the communities served by four rural Dispensaries in Kajiado West, Kenya. Despite facing some challenges along the way, the project's objectives were achieved and the Enkoreroi, Emurkea, Ilkilorit and Torosei Dispensaries now enjoy electric light available through the night, power for key electrical devices for use in health service delivery, and reliable medicine and vaccine refrigeration facilities.

The installed systems include one 5.3 kWp system for the clinic with the highest energy needs and three 2.5 kWp systems for the three other clinics.

To ensure a good follow-up, the local government, the health department and community leaders were involved from start. Another important part of the project consisted of involving and training the local clinic staff. For example, in each clinic, a nurse was trained to operate the solar system. Renewable World also ensured that service-level agreements were put in place between the Dispensaries and the solar provider to cover repairs in the short- and medium-term. The Kajiado County Medical Engineer—the person in charge of all electrical equipment within Kajiado West Sub County health facilities— was

involved too, to ensure he could handle operations and maintenance issues at the closure of the project.

The project has been especially significant in addressing energy challenges that arise due to poverty and unreliable energy access. It has enhanced the clinics' service capabilities, extended their operational hours and improved patient outcomes, fostering improved healthcare access for close to 14,000 people,

Goal-level indicators reflect positive results, including increased patient footfall, expanded energy services, high vaccination rates, improved patient satisfaction, and reliable solar system functionality.

The E4H project also aimed to promote health awareness and sustainable practices in the community by introducing Improved Cookstoves to homes. Adopting these stoves positively affected the community's well-being, reducing indoor smoke and mitigating respiratory illnesses. This introduction also contributes to environmental conservation and eases the workload of women burdened with wood collection.

Thanks a lot to all consumers of EKOenergy-labelled energy worldwide, for making projects such as the E4H project possible!

Our Climate Fund



Focus on energy poverty and multiple Sustainable Development Goals



New projects annually in developing countries



Projects run and monitored by trusted NGOs



Selected by an independent jury



In 2022, the Fund granted 425,728 € for 15 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."

