

Solar Energy for Community Resilience in Nepal



The lack of access to energy is a serious problem in many Nepalese villages, hampering communication and economic development. In 2018 EKOenergy contributed 25,000€ for solar installations in 2 off-grid communities.

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Picture: Renewable World

The British NGO Renewable World aims to provide renewable energy, water, and clean cooking solutions; always working in close cooperation with local communities. With this new project, SECuRe (Solar Energy for Community Resilience in Nepal), their goal is to increase community resilience to economic and climate risks using community managed solar energy installations in Surkhet District, Nepal.

EKOenergy was the first to fund the project, in 2018, and our contribution has helped Renewable World to attract a total of 83,500 € and get the project off the ground. The project has now seen its first concrete results and we are very pleased to share these.

In Bherichaal-Chepong community, a stand-alone solar power system has been installed in a Health Post, serving over 700 households. This system allows the Health Post to provide better quality medical services including vaccinations. Now, with access to electricity, the vaccines and other medicine can be stored in a refrigerator which prolongs their shelf-life.

Due to a high risk of flooding in the community, Renewable World and their local partners installed a solar-powered flood-warning system. This now provides safety to 300 households living on the flood plain and helps to build resilience within the community.

In early 2020, the work will continue in another community, Srijana Bazaar. Here, a solar-powered microgrid will be installed, providing electricity to two Health Posts and 31 households running small businesses, such as cafes, grocery stores, hardware suppliers and repair centres. The microgrid will benefit 146 people and increase the quality of healthcare services for up to 2,000 people in the Health Posts' catchment area.

Local people are looking forward to the results, with an Energy Management Committee already being established to oversee the installations. Secretary of the committee, Ms Laxmi Sunar, sees one potential opportunity in the use of fridges to store and sell products in hot weather conditions.

Climate Fund Projects



Focus on energy poverty and multiple Sustainable Development Goals



New projects annually in developing countries



Run and monitored by trusted NGOs



Selected by an independent jury



In 2019, the Fund granted 245,000 € for nine new projects



All EKOenergy users contribute 0.10 € / MWh to the Fund

EKOenergy - the international ecolabel for renewable energy

EKOenergy is [the international ecolabel](#) for energy. We are a non-profit organisation working to fight climate change, protect biodiversity and realise the Sustainable Development Goals.

Energy sold with the EKOenergy-ecolabel fulfils strict [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-labelled energy is sold by licensed energy companies and is [available in over 40 countries worldwide](#). Many of the 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 SAP, Tetra Pak, VMware, Workday and Genelec, as well as cities, public organisations and individual households.



Sustainability criteria: additional value for our planet

	EKOenergy	Other renewable	Grid mix
New renewable energy production via our Climate Fund	✓	?	-
Only the most climate-friendly bioenergy	✓	?	-
Wind power outside bird and nature areas	✓	?	-
Hydropower takes into account migratory fish. River restoration projects via our Environmental Fund .	✓	?	-
Renewable energy tracked by EACs, such as GOs and I-RECs. (in line with Greenhouse Gas Protocol Scope 2 Guidance)	✓	✓	-
Wind, solar, hydro, geothermal, bioenergy	✓	✓	?
Fossil fuels, nuclear, possibly renewables	-	-	✓

Endorsed by other 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."



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