

## Solar power to pump drinking water for four schools in Cameroon



**Project duration: 3 months**

Photo: ISUDEV

*In 2024, EKOenergy granted €35,548 to the Cameroonian non-profit organisation ISUDEV to implement the Project "Safe and sustainable solar-powered drinking water supply for four schools". Two solar energy systems now power pumps, ensuring access to clean water for almost 10,000 people in Southwest Cameroon.*

In Fako Division, in the Southwest Region of Cameroon, many communities, schools, and health centers lack access to clean and safe water. Fetching water is a task that women and children usually do. Some have to walk up to 7 km. The usage of contaminated water from unreliable, unsafe sources has a profound impact on health and hygiene and has led to severe outbreaks of Cholera several times.

The Cameroon-based, youth-led non-profit organisation ISUDEV (Initiatives for Sustainable Development) used the grant from our Climate Fund to install solar-powered water pumping systems in two schools. They connected two more schools to the water systems via a tube.

Two 2-kilowatt solar systems, each consisting of 8 solar panels of 250 watts, provide clean and reliable energy to power the submersible water pumps.

The project has not only benefited the involved schools but also brought water much closer and more easily available to nearby communities, meaning that the time to fetch water has been considerably reduced for many. This particularly benefits women and children, who now have more time for other activities, such as farming and studying. In total, the project positively impacts the lives of 6,200 students and 3,600 others.

ISUDEV carried out the project in close cooperation with Multifunctional Engineers in Cameroon (MFECAM), the staff and students at the schools, and the nearby communities. This partnership contributed significantly to the smooth and successful implementation of the project. It also laid a solid base for the long-term operation and maintenance of the installed systems.

The project partners set up two water management committees and MFECAM trained the members to operate and maintain the installed systems. ISUDEV also organised various training and information sessions on water conservation and the advantages of renewable energy, reaching more than 4,000 people. Media coverage and involvement of local authorities have further increased the awareness of the potential of renewable energy.

The project supported the achievement of several Sustainable Development Goals, such as SDG 3: Good health and well-being, SDG 6: Clean water and sanitation, SDG 7: Affordable and clean energy, and SDG 11: Sustainable cities and communities.

We thank ISUDEV and their local partners for the careful implementation of this impactful project! Thanks also to all sellers and users of EKOenergy-labelled energy worldwide. Projects like this wouldn't be possible without you.

### EKOenergy's Climate Fund



Focus on energy poverty and multiple Sustainable Development Goals



New projects annually in low- and middle-income countries



Projects run and monitored by trusted NGOs



Selected through a transparent process



In 2024, EKOenergy approved grants for 23 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 low- and middle-income 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, Pampers, Mercedes-Benz, 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."*

