

## Access to solar power for schools in Sumba, Indonesia



### Project duration: 1 year

In 2015, EKOenergy granted Hivos, a Dutch NGO, 28,000 € for the installation of a solar system in two schools on Sumba Island, Indonesia, as part of the "Sumba Iconic Island Initiative".

Sumba is an island located in Indonesia. Due to its distance from the capital, the relatively low population density, and the dry climate, Sumba is one of the most disadvantaged and vulnerable regions in Indonesia.

Among the challenges, Sumba island faces limited access to energy, particularly in rural areas: a 2010 study conducted by Hivos, revealed that Sumba's electrification rate was only 24,55%.

Nevertheless, the island has a huge potential for the development of renewable energy thanks to its abundance of wind, sunlight, and biogas from livestock.

For this reason, in 2010, Hivos launched the Sumba Iconic Island Initiative, an ambitious multi-actor development program aiming to provide renewable energy to over 650,000 people of Sumba, making the island 100% renewable. Local governments, communities, civil society, and the private sector were all involved in every step. EKOenergy was one of the donors contributing to the project.

EKOenergy's contribution supported the installation of solar systems capable of covering a 1.5 kW load at Kataka Elementary School Junior School and a 2 kW load at Kataka Junior High School. Additionally, EKOenergy's grant provided 50

lanterns available for rent by students and parents to be charged at a PV kiosk adjacent to the schools.

During the preparation phase, Hivos organised community meetings aimed at raising awareness about the solar PV system and its benefits. They discussed the roles and responsibilities with school staff, community leaders, and parents, and together they decided on the lantern charging fee. The local government actively engaged as well, and approved the utilisation of the School Operational Fund for the future replacement of broken equipment.

When everything was agreed and clear, a local company was contracted to install the systems, and two teachers received operational and maintenance training.

Prior to the Sumba Iconic Island Initiative, 550 schools on the island lacked access to electricity. This is why schools became a central focus for Hivos. The provision of electricity to schools enables teachers and students to use essential equipment like notebooks, printers, and projectors.

Access to clean, affordable, and reliable electricity is a pivotal factor in delivering quality education. We thank all EKOenergy users and sellers for their support in making projects like this a reality.

Photo: Hivos

### 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 2015, the Fund granted 58,000 € for 2 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 65 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 SAP, VMware, Tetra Pak, 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."*

