

Support Rural Electrification in Eastern Congo

Project description

The Luviro station is operating since early 2021. It supplies the Lubero Province and the town of Butembo. Its network will benefit up to 30,000 users.

Luviro is part of a wider investment plan called the Virunga Alliance aiming to provide energy access to 4 million people in and around the Virunga National Park.

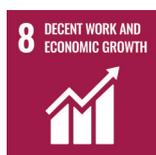
Small run-of-river hydro are environmentally friendly as they are technically less demanding in terms of construction (no reservoir). They also help stabilize the grid, and can be developed off-grid to serve remote rural communities.

Project developer

Born out of the Congolese commitment to protect the Virunga National Park and the five million people who live within a day's walk of the Park's borders, the Virunga Alliance aims to foster peace and prosperity through the responsible economic development of natural resources.

The Virunga Alliance is working to tackle energy poverty by harnessing the enormous hydrological resources of the Park to create sustainable electricity for local communities and businesses. Virunga intends to produce up to 100 MW by 2040.

Sustainable Development Goals



vera

Project details

Project name:
Luviro-Ivingu hydro plant

Project type:
Run-of-river small hydro

Location:
Lubero Region, DRC

Project owner:
Virunga Alliance

Status:
Operational

Project ID:
Verra VCS 2318

Key facts

14,500 tCO₂
saved/year.

14.5 MW
power installed capacity.

30k beneficiaries
supplied with green electricity
to date.



Pictures



Impacts



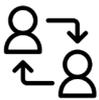
The country has an enormous development potential thanks to a very abundant hydrological resource.

The project is taking full advantage of this potential by using it instead of going for a more complex source of energy production.



DRC is a country in which less than 1% of the population has access to electricity in rural area.

The project is allowing 30,000 people to get access to an affordable and renewable energy.



The plant was built through advanced technology transfer from industrialized countries.

The project was constructed with modern technology which is of a higher standard than many power plants in Africa



Virunga Alliance used the local workforce to build the plant.

Job creation is boosting the economical activity of the region and is one of the best vector of development and pacification in the region.

CSR Actions

Virunga supports entrepreneurs by helping them access financial resources. Beneficiaries can take out a loan which they reimburse with each purchase of electricity through an increased price per kWh.

Virunga has provided free electricity to public institutions and lighting in nearby villages. The Alliance has also supported the renovation of schools and hospitals.

Key facts

40 institutions

provided with free electricity.

350 SMEs

provided with free electricity.

20 jobs

created locally for maintenance and operation.

aera

28 cours Albert 1^{er}
75008 Paris
France

 @aera_group
 @aera-group
 @aeragroup

www.aera-group.fr