### **SOLAR** Pro.

# **Active energy solutions DR Congo**

#### How can Altech help DR Congo fight electrification?

To help tackle the challenge of electrification, Altech, the DR Congo's market leader in the distribution of world-class clean energy products and services, are deepening their last-mile distribution efforts to provide clean, affordable energy for conflict-affected people in the Democratic Republic of the Congo.

#### What certificate does Congo energy have?

Congo Energy has the certificate issued by ARSP(Autorité de Régulation de la sous-traitance dans le secteur privé). This certificate certifies that Congo Energy is authorized to work as a subcontractor in the Democratic Republic of Congo. Congo Energy strives to provide its partners and customers with high-quality products and services.

#### How many people have electricity in the Democratic Republic of Congo?

Goma hybrid solar project in the Democratic Republic of Congo According to the World Bank, only 19% of the DRC's around 102 million people have access to electricity. This translates to about 41% in urban areas and 1% in rural areas.

#### What does Congo energy do?

The company focuses on 4 areas: Electrical infrastructure for industries. Congo Energy designs, produces and installs bespoke infrastructure. The company is proficient in the latest innovations in the sector, which allows it to produce efficient installations using cutting-edge technology. All at a competitive price.

#### How can Altech help DR Congo?

Responding to the acute shortage of access to clean energy in the DR Congo, due to ongoing conflict, Altech's locally-rooted approach takes on the challenges of energy poverty with affected community members, providing solutions from the Congolese, for the Congolese, and by the Congolese.

#### What is the energy potential of the DRC?

Overall, the DRC has immenseenergy potential, which includes non-renewable resources such as oil, natural gas and uranium, as well as renewable energy sources such as hydroelectric, biomass, solar, wind and geothermal power. The government's vision is to increase the level of service up to 32% in 2030.

Established in 1980 in Eastern DR Congo, GoShop is a historical leader in the field of energy and energy saving. Through a large number of warehouses and trained technicians across the country (Kinshasa, Goma, Bukavu, Kalemie and Lubumbashi), GoShop designs, installs and maintains technical solutions to meet their clients needs in energy everywhere in the country.

There are thousands of non-profits, for-profits, non-governmental organizations, foreign and national programs to help the DRC out of poverty, to end wars, to stop malnutrition or to end corruption (among many

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other ...

MIGA has provided a guarantee of \$50.3 million to Congo Energy Solutions Limited (CESL), which has big plans to expand its operations across DRC to provide energy to up to five million people by 2025. MIGA ...

Building synergies to provide sustainable and stable energy supply in DR Congo, the clean energy giant and the Ministry of Energy and Hydraulic Resources of the Democratic Republic of Congo, have signed a strategic partnership framework agreement for 400 MW solar power plants.. Under the agreement, the two parties along with the National Power Company ...

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SERVODAY is transforming DR Congo"s energy and manufacturing sectors with cutting-edge biomass turnkey solutions. From the portable SERVODAY CONTAINERIZED PELLET PLANT to advanced biomass boiler feeding systems, their solutions deliver exceptional efficiency and fuel flexibility. SERVODAY leads in Green Bamboo Processing Systems, Fully Automatic ...

Active Energy Solutions Ltd. specializes in manufacturing and supplying dust and fume extraction and filtration machinery. The company offers an online shop where customers can easily purchase new and replacement parts for their equipment. With a focus on providing effective solutions for industrial air quality management, Active Energy Solutions

Lubumbashi''s economic vitality has led to rapid demographic growth, with a population exceeding 3 million and an annual urbanization rate above 5 % (Remon and Nkuku, 2006). This growth has increased housing demand, leading to unplanned settlements and higher density in planned areas (Useni et al., 2018). The city faces challenges related to rapid ...

In collaboration with Nuru, a solar power company in the DRC, the project aims to develop and construct 15MW of solar metro grid capacity across three provinces in the Eastern Congo. The ISA, through its GSF, is ...

Nuru, based in Goma, DRC, is one of Africa's pioneering renewable energy-powered metrogrid companies. By delivering world-class renewable energy and connectivity services, Nuru aims ...

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About us Our history Almost 10 YEARS AGO Our Founder saw in solar energy an incredible opportunity for rural households to access a clean and reliable energy that would unleash the potential of millions of people and drive sustainable economic growth in remote areas in Africa. End 2015 Baobab+ was founded by Baobab Group as [...]

Dominique Sambwa. F ollowing rapid development in recent years, the momentum of mining growth in the Democratic Republic of Congo (DRC) is making it more urgent for long term solutions that will suitably address the challenges facing mines, investors and community stakeholders.. This emerged from the recent DRC Mining Week in Lubumbashi, ...

In 2013 he was elected as the provincial president of The Federation of Businesses in the Congo (FEC) in Katanga. Since the liberalisation of the energy sector in 2014, he has been leading the FEC National Committee of Energy and he is the founder of the annual National Conference on Energy in DRC. In 2020 he was elected vice-president of FEC.

According to IRENA, Congo currently has only 20 MW of installed PV capacity. Total installed capacity of power is just 2.67 GW, of which 2.54 GW comes from hydropower and 135 MW from thermal power. Most of the Hydro power is courtesy the two Inga Dams, on the Congo River, that are rated at almost 1800 MW capacity.

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