

Increasing Energy Access in democratic republic of Congo

Energy access problems in Congo

- ▶ Only 9 % of the population in the Democratic Republic of Congo (DRC) has access to energy (nearly 65 million of population lack access to energy)
- ▶ Traditional PV panel cost expensive to major people in DR Congo. 70% of people in DRC lives with less than \$1 a day.

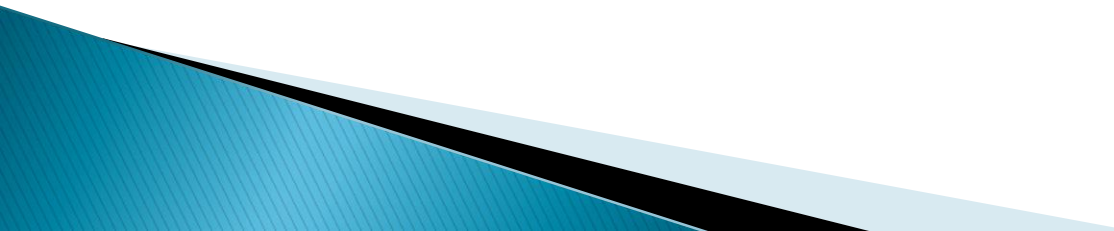
What we do

- ▶ AVONAX GROUP develops :
- ▶ – low cost photovoltaic cells improved through nanotechnology and provides micro energy loans to rural communities in DR Congo to improve energy access.


Improving the efficiency of Photovoltaic cells through nanotechnology



Benefits of our solution

- ▶ Our PV panels cost 30% less than traditional PV
 - ▶ Our PV absorb and convert to heat more than 90% of the sunlight that it captures.
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Accomplishments

- ▶ Since 2014, more than 500 photovoltaics celled distributed in rural communities in DR Congo
 - ▶ We provide access to energy to around 8000 inhabitants in rural communities of DRC.
 - ▶ We have improved energy access to schools, clinic centers, churches, etc.
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Partnerships

- ▶ We have establish parternships with international and national organizations, government agencies, privates companies, donors and foundations to provide renewable energy acces in rural communities in DR Congo

Our contact

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