

ECONET LEO S.A

NIF 4000003337
281 A, Boulevard de l'UPRONA
BP: 431
Tél: 76 222 506
Bujumbura
BURUNDI

Name: Engineer, Elie KANA

Projects and Designs Engineer at Econet Leo S.A

Title: Solar Energy Could Light Up Africa and Global Businesses See Opportunity

Organization: Econet-Leo S.A
Address: Bujumbura Burundi
Office address: Econet Leo S.A,
Business House
281A Boulevard de I'Uprona,
P.O. Box 431 Bujumbura, Burundi
Email: kana.elie79@gmail.com
Contact number: (+257) 72222256
Or (+257)79951536

Abstract:

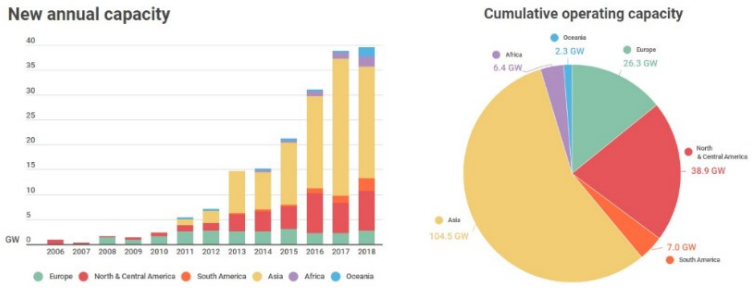
Adding to the power availability for our telecommunication/company we are currently designing a solar renewable energy solutions for Econet Leo SA,a leader of telecommunication companies of Burundi at the two mains network switch Centers, with network data centers' s consuming more and more electricity.
A sustainable, efficient alternative power should be a good investment for the Company.

The future's looking bright for solar power.

More and more commercial and industrial enterprises are actively considering investing in solar plants to reduce their long-term exposure to high energy costs. Residential interest has also been growing steadily, with concerns for the environment and having clean power also a factor.
It's all good news, but even better news for Africa. We have over 3000 hours of strong sun a year in Africa. A powerful number. And one that makes the sun really work for us.
Scientists and other experts in different fields are predicting that
Solar power may be the earth's greatest source of energy by 2050.
The attendance on the International Conference on Renewable Energy and Resources will contribute to improve our future projects and experience in cost savings and efficiencies of renewable solar energy which are becoming ever more apparent to African companies.

Images/Graphs/Tables:

Utility scale solar projects are expanding very quickly around the world, paving the way for many opportunities for investors and solar EPC contractors, but they also present many challenges due to their complexity and very big size.



The graphs show continental deployment of solar power plants of 4MW$_{AC}$ and over (source: WikiSolar)

Recent Projects:

- **Solar hybrid power systems** implemented on 89 communication base stations
- **Hybrid battery system** deployed on 115 communication base stations
- **Hybrid battery system** deployed on 3 main Base switch Centers
- **Hybrid Solar Power system** deployed on 55 communication base stations

Biography:

Elie KANA,

- With a Diploma in Industrial Engineering "Building and Civil Engineering option " at University of Burundi 2009,Currently Projects and Designs engineer at Econet Leo Burundi since Sept 2009, Young Research and interests-maximizing efficiency in solar energy Projects, application of Civil Engineering technology to Econet Leo and other technical organizations , lead multiple solar projects / achieved over 55 similar projects. A certified in Civil for Base Transceiver Stations and in Project Management.
- With more than 10 years' experience in:
  - Construction Projects management for telecommunication infrastructures deployment
  - Passive Infrastructure implementation projects
  - Tendering process monitoring,
  - Supply Chain Management and Optimization support,
  - Coordinating logistics operations,
  - Ensuring that appropriate and comprehensive control systems for management and reporting are in place,
  - Civil work related to Telecom Engineering Project works and Quality Control
- Dedicated professional set effective priorities to achieve immediate and long term goals
- Self-motivated able to implement decision to ensure smooth work flow.
- Good level of understanding of written and spoken English and French
- Service-minded, flexible and discreet
- Enthusiastic and able to make full commitment to work
- Good interpersonal and communication skills
- Self-motivated and well organized with analytical ability

Presenting author details:

Full name (As per the passport)**: KANA ELIE**

Passport number: 0P0248868

Organization name (Present working): ECONET LEO Burundi (Leader of Telecommunications of Burundi)

Designation (Young Researcher)**: Project and Designs engineer (Econet Leo Burundi)**

Country: BURUNDI

Mobile number: (*+257-79951536 or +257-72222256***)**

Official Email ID: kana.elie79@gmail.com or elie.kana@econet.bi

Presentation type (Oral/Poster)**: Oral/delegate**
Category (Invited talk/Young researcher Invited talk/E-poster): **Young researcher Invited talk /delegate**

Track number (This is very important to schedule your talk): **Follow this link - https://renewableenergy.enggconferences.com**

Research interest:

Your profile page URL in your department: http://www.econetsolar.com / https://www.econet.bi

Date of birth as per the passport: 06 of May 1979

Linked In/Facebook/twitter account: https://www.facebook.com/kana.elie

Postal address:

P.O. Box 431 Bujumbura, Burundi

Econet Leo S.A,

281A Boulevard de l'Uprona

Sincerely, Elie KANA

December 16, 2019

