

Solvienta GmbH – GERMANY

References Republic of Cameroon with local partners



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Solvienta GmbH - Germany

Solvienta GmbH was founded in 2011 in order to realize renewable energy projects in Germany and other countries

The Head Quarter is in Ansbach Germany, but there are partner companies and partner craftsman all over the world working together with solvienta.

Since 2015 renewable energy projects with an yearly energy output from more than 300.000 kWh have been installed. This is enough energy to supply more than 1.000 rural households in Cameroon.

Main focus of solvienta is on projects using solar in ongrid and offgrid installations. If the site is suitable wind and water resources can be used as well to a maximum size of 5kW installed output.

Solar water pump



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Isangele
South West Province
Cameroon

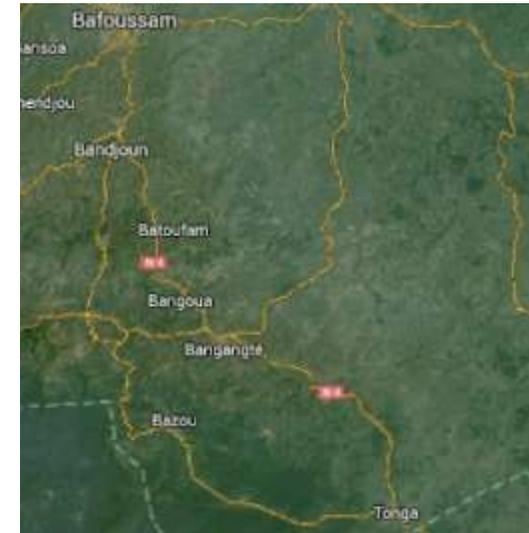


2 solar pumps

570Wp solar array
50m well
11.000l per day

850Wp solar array
55m well
17.000l per day

Solar-Wind power plant



Bangante
West Province
Cameroon



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210Wp Solar array

500W Wind turbine

12V 300 Ah battery bank

1000W inverter

Pico Hydro with solar installation (in construction)



Buea
South West Province
Cameroon



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**1kW Pico
Hydro**

**24V 200Ah
battery**

**3 x inverter of
6000W three
phase**

**5000Wp solar
array**

2 Solar Systems eco lodges on Mount Cameroon



Buea
South West Province
Cameroon



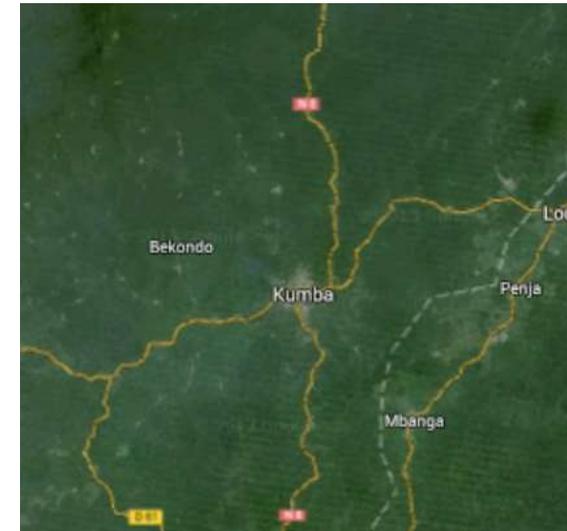
**2 System of
each:**

**4500 Wp
Solar array**

**24V 900Ah
battery bank**

**3.000W
inverter**

Solar System for vocational training system



Kumbo
North West Region
Cameroon



**4.500Wp Solar
array**

**24V 1500Ah
battery**

**3 times 1600 W
as inverter,
possible in three
phase connection**

Pico Hydro for Hospital



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Lewah
South West Region
Cameroon



250Wp Pico Hydro

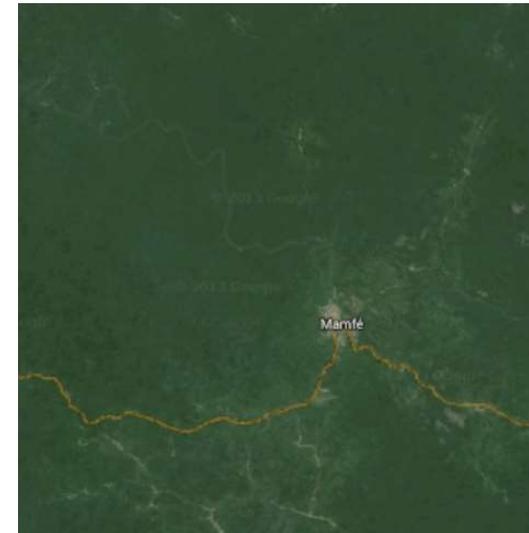
**24V 200Ah
battery bank**

**2.400W inverter
with optional solar
installation**

Solar Backup System (big)



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Mamfe
South West Province
Cameroon



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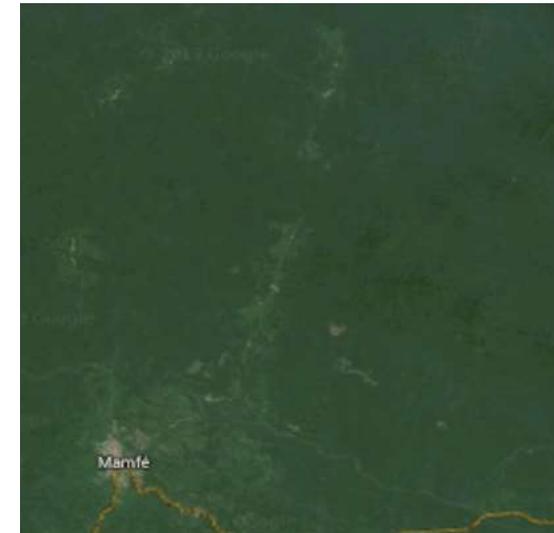
1 KWp Solar array

**48V 1.000Ah
battery bank**

**5.000W Solar
backup inverter
with automatic
switch**

**8kW backup
generator**

Solar Installation Takamanda National Parc HQ



Takamanda
South West Province



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5 KWp Solar array

48V 1.070Ah battery bank

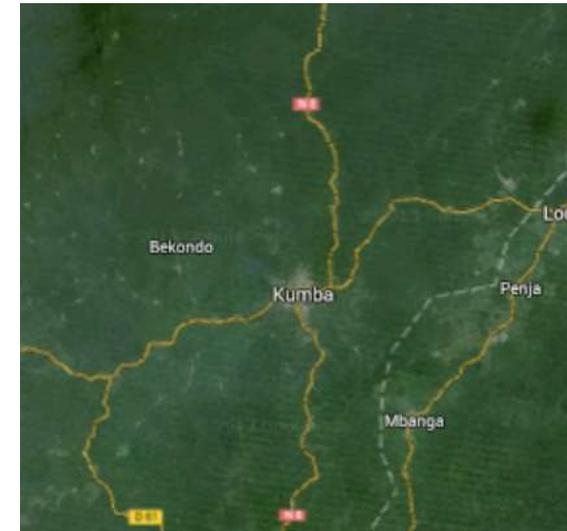
3.500W Solar inverter

6.000W Battery inverter

1.000W Battery Charger

30kW backup generator

Solar-Hydro Power plant



Kumba – Dikwi II
South West Province
Cameroon



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**500W turgo
turbine**

**9m Head
15l/s Flow**

1KWp Solar array

**24V 800Ah
battery bank**

4.000W inverter

