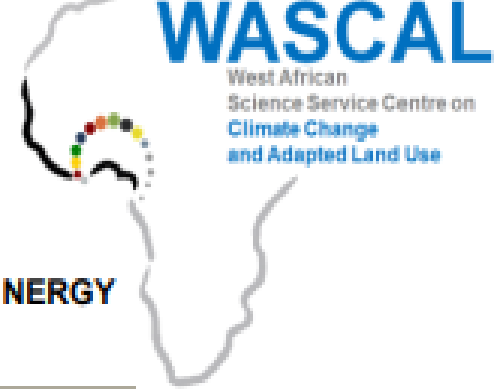




UNIVERSITÉ **A**BDOU **M**OU MOUNI  
**WASCAL**



MASTER **R**ESearch **P**ROGRAM - **C**LIMATE **C**HANGE **A**ND **E**NERGY  
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# Local studies at Sékoukou (MRP-CCE)

Boubacar IBRAHIM

Hydroclimatologue



## WEST AFRICAN CENTER FOR SUSTAINABLE RURAL TRANSFORMATION (WAC-SRT)

IMP-SRT program is engaged in capacity building and research activities in order to:

- Develop, promote and manage new and existing locally-adapted sustainable technologies in the fields of renewable energy and agricultural water management;
- Make available safe drinking water and promote sanitation;
- Develop, promote and manage innovative models in agricultural production, agribusiness and rural marketing;
- Develop, approaches for locally adapted development planning and promote the capacities of future development planners and managers;
- Disseminate locally adapted sustainable technologies, business models as well as development approaches that have been interdisciplinary proven in a wider West African context.

# Main characteristics of Sekoukou



# DEMONSTRATION SITE

Park of solar panels



Water tank



3 fountains fed by the water tank



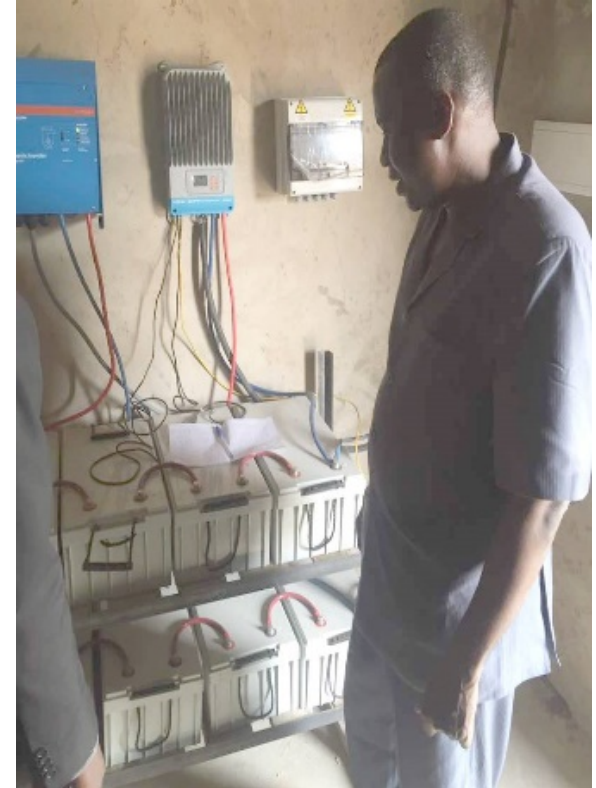
House of electricity services



# DEMONSTRATION SITE

The house is divided into 3 parts:

- 1 technical room for equipment of the solar system;
- 1 other room where we find: the charging point of mobile phones, rechargeable lamps, a refrigerator and a television and;
- 1 hangar for meetings.

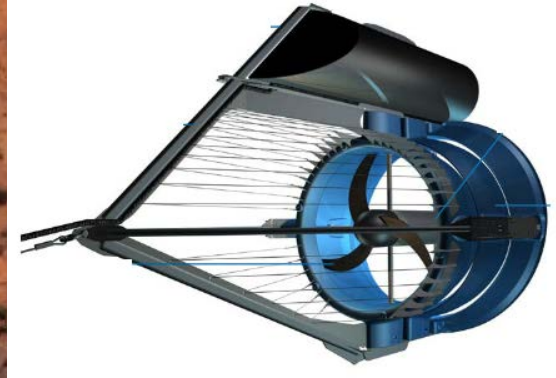


**The implementation of the different equipment have brought significant changes in the village.**

# Perspectives

SMART monofloat turbines (250-5000w)

$V > 1 \text{ m/s}$   
Depth  $> 2 \text{ m}$



CIREG:  
Extension of  
the solar park

20 SMART monofloat turbines could be installed in the vicinity of the village



Zentrum für Entwicklungsforschung  
Center for Development Research  
University of Bonn



University of Development studies Ghana



University of Legon, Ghana



BMZ



Bundesministerium für  
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# Thank You for your attention