

## **Foundation Rural Energy Services (FRES)**

[www.fres.nl](http://www.fres.nl)



Based in: **The Netherlands**

### **Type of Organization**

International NGO

### **Operating In**

West Africa, Central Africa, East Africa, Southern Africa

### **Countries of Operation**

Mali, South Africa, Burkina Faso, Uganda, Guinea-Bissau

### **Types of Work**

- Project Development
- Manage Energy Programs
- Integrate Install or Maintain Energy Systems

### **Energy Products or Services Offered**

- Solar PV Institution Level
- Mini-Micro Grids

### **Company Profile**

- **Years in Business** 10
- **Full Time Employers** 5
- **Woman Leadership** Yes
- **Active Financing Round** No

## **Revenue & Expenses**

- **2014-2015 Revenue**

US\$ 6.880.000

- **2014-2015 Expenses**

US\$ 4.192.000

## **Funding needs over the next 12-24 months**

- Capital grant or subsidy US\$ 10.000.000

## **Further details about funding needs**

Primarily seeking capital grants and 'soft' debt - utilised in a local FRES company's start-up phase to support initial investments in solar hardware and provide relief from early stage debt repayment obligations. All future costs i.e. operational costs and replacement costs, should be recovered by the local company through the monthly service fees (revenues).

## **Involved in Mini-Grids**

Yes

## **Role in relation to mini-/micro-grids**

- Ownership
- Investor
- Project Development
- Procurement or Import of Materials
- Construction Installation or Commissioning
- Operation and Maintenance

## **Structure of ownership used in commercial mini-/micro-grid operation**

- Development Company

## **Mini-grids: Projected Funding Needs**

- Capital grant or subsidy US\$ 1.500.000

## **Generation technologies implemented in mini-grids**

- Solar PV lanterns
- Diesel
- PV/diesel hybrid