



Impact Capital  
for Development



## CLEAN ENERGY 4 PEOPLE RESILIENCE - CE4PR

### FACTSHEET

As part of the CE4PR, the Renewable Energy Fund for Resilience in Burkina Faso (FERR-BF) is an innovative financing project implemented in Burkina Faso, between 2019 and 2023, by United Nations Capital Development Fund (UNCDF), with the financial support of the Grand Duchy of Luxembourg (Ministère de l'Environnement, du Climat et du Développement durable - MECDD).

By focusing on the construction of an ecosystem of private and public actors engaged in building a renewable energy market, the FERR-BF developed sustainable clean energy solutions and business models for the most vulnerable populations, deprived of electricity and to support capital mobilisation for such companies. Burkina Faso has an electrification rate of only 20%, even lower in rural areas.

The solutions deployed, like improved cooking stoves, solar water pumps for irrigation, solar refrigeration or productive use appliances powered by solar photovoltaic system, provide employment and economic opportunities for vulnerable populations, women, youth, displaced people, and smallholder farmers. These solutions are also a way to be more resilient in terms of food, in the face of climate change and in the face of the political risks which isolate part of the Burkinabe territory.

To build this ecosystem, using a Market Systems Development approach, the FERR-BF mobilised public actors and supported energy service companies (ESCOs), developers and distributors, incubators, microfinance institutions and other financial service providers, through technical assistance, grants and/or loans.



**+ 9,655 CLEAN ENERGY**  
equipment sold



**10,000 TONS**  
of CO2 avoided



**1,000 JOBS CREATED**  
(including 30% women and  
18% young people)



**+ 48,275**  
final beneficiaries

**+ 6.82 MILLION USD**  
**MOBILIZED**

- 1,458,000 USD UNCDF grants from FERR-BF
- 3,467,032 USD Third-party mobilised funds
- 441,291 USD UNCDF loans under LDCIP mechanism
- 1,461,427 USD Cost sharing from partners

## FRES/YELEEN BA BRINGS ELECTRICITY TO THE 3,000 INHABITANTS OF KOUAKOULÉ

The FRES/Yeleen Ba multipurpose solar platform, supported by the FERR-BF in Kouakoualé, is one example among others. For more details on the projects and results, refer to the FERR-BF case study and consult the brochure listing all the partners.

- **21 kWp** solar platform
- **20 connected companies:** agricultural processing hub, fishmonger, refreshment bar-restaurant, welding workshop, hardware store, mobile money point, etc.
- **15 streetlights** powered
- Maternity ward, dispensary and school **connected**
- 100 permanent **jobs created**
- **20 tons of CO2** avoided per year
- **150,000 USD** granted by the FERR-BF (80% of the total cost of the platform)
- Prospects: **extension of the solar platform** to 28.12 kWp, construction of a **water tower**, integration of **5,000 m2 of horticulture** under greenhouses.

### BUSINESSES INSTITUTIONS BENEFITING FROM THE ECOSYSTEM

Thanks to the FERR-BF project, UNCDF provided technical and financial assistance to 16 companies selected following a call for projects, to which more than 60 candidates applied.

10 ESCOS



3 Incubators



3 FSPs



4 Institutional Partners



- Burkinabè Rural Electrification Agency (ABER)
- National Agency for Renewable Energy and Efficiency (ANEREE)
- Ministry of Energy, Mines and Quarries of Burkina Faso
- Technical secretariat for the promotion of financial inclusion (ST-PIF), under the supervision of the Ministry of Economy, Finance and Foresight