

Enterprise Investment Summary



Efficient cookstove manufacturing by AREED enterprise UBWATO.

The Rural Energy Enterprise Development (REED) programmes in Africa (AREED), Brazil (B-REED) and China (CREED) build on the approach developed by E+CO that offers promising entrepreneurs the enterprise development support and seed capital needed to create or scale up a clean energy enterprise.

Enterprises are assessed across social, environmental and financial criteria and those that are financed by REED are innovators that play a leading role in the creation of new markets for clean energy products and services.

The main REED project partners include UNEP (Energy Unit and Risoe Centre), E+Co and an array of country partners, each one delivering REED services on a day to day basis.

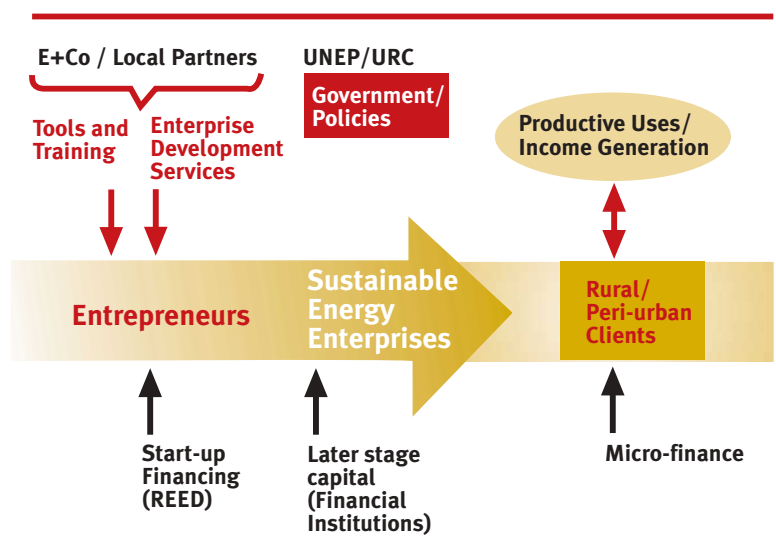
Since mid 2000, the **AREED** (www.ared.org) Initiative has been operating in Ghana (through KITE), Mali (Mali Folkecenter), Senegal (ENDA), Tanzania (TaTEDO) and Zambia (CEEEZ) with the goal of increasing access to sustainable energy technologies and services by rural and peri-urban households.

The **B-REED** (www.b-reed.org) programme is focused principally in Brazil's Northeast states, with local support provided by partners IDER and Instituto Eco-Engenho. B-REED's first investments were approved in early 2003.

With major partner, The Nature Conservancy, **CREED** will be focused on areas in the northwestern part of China's Yunnan province. CREED targets enterprises delivering energy services that also contribute to the preservation of the region's rich biodiversity; decreasing due to past logging practices and the unsustainable harvesting of wood to meet basic cooking and heating needs. CREED information can be found at www.uneptie.org/energy/CREED

REED support is generously provided by the United Nations Foundation, UN Fund for International Partnerships, Blue Moon Fund and The Nature Conservancy.

Rural Energy Enterprise Development REED Approach



REED Investments

Country	Name	Technology Applied	Description of Business	Financing
Zambia	Rasma	Energy efficiency	Manufacture and sale of energy efficient stoves and ovens	US\$ 20,000 – equity
Zambia	Ubwato	Energy efficiency	Manufacture and sale of energy efficient stoves	US\$ 41,000
Zambia	TSADC	Solar	Solar Bakery	US\$ 20,000
Zambia	Chavuma	Energy efficiency	Installation of EE motor control gear	US\$ 22,000
Zambia	KBPS	Biomass	Manufacture of charcoal from renewable eucalyptus waste	US\$ 75,000
Zambia	Rural Challenge International	Biomass	Jatropha biofuel production	US\$ 12,000
Ghana	AB Management	Energy efficiency	Power factor correction	US\$ 120,000
Ghana	Anasset	LPG	Retail of Liquefied Petroleum Gas	US\$ 38,000
Ghana	Glady Manual	Energy Efficient Lighting	Sale of compact fluorescents	US\$ 70,000
Mali	USISS	Solar	Drying of food crops	US\$ 18,000
Mali	Bagani	Bio fuel	Jatropha powered multifunctional platforms to peel, ground cereals and charge batteries	US\$ 13,000
Mali	Sodigaz	LPG	Distribution of Liquefied Petroleum Gas	US\$ 175,000
Senegal	AME	Solar	Repair and installation of solar water heaters	US\$ 46,000
Senegal	VEV	Wind	Repair and installation of wind pumps	US\$ 17,000
Tanzania	BETL	Biomass	Sourcing Biomass Waste for Cement Production	US\$ 50,000
Brazil	Village Ambiental	PV	Water pumping for irrigation	US\$ 55,000
Brazil	Ceramica Bandeira	Biomass	Wood fuel for brick manufacturing	US\$ 147,000



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