

APPROVED PROJECTS

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CTF Ensuring sustainable energy

Helping countries implement renewable energy, energy efficiency, and sustainable transport solutions.

MOROCCO QUARZAZATE CONCENTRATED SOLAR POWER

CTF \$100M, AfDB \$240M

Purpose: To generate 120-160 MW in its first phase by 2014 and 500 MW in total

Key Expected Results: 0.24 million tons of CO₂ emissions avoided per year; shifted energy mix

MOROCCO NOOR II AND III CONCENTRATED SOLAR POWER PROJECT (MENA REGION IP)

CTF \$119M, AfDB \$140M

Purpose: To develop 2,000 MW of concentrated solar power

Key Expected Results: Annual CO₂ savings of 521,670, potential creation of 11,000 jobs, reduce global CSP cost curve by 3%

MOROCCO ONE WIND ENERGY

CTF \$125M, AfDB \$448.39M

Purpose: To construct three wind farms of 100-300 MW installed capacity and two hydro facilities to supply base-load power

Key Expected Results: Additional 550 MW of wind installed capacity and hybrid-hydro storage and generation of 520 MW; 533,000 new connections

NIGERIA LINE OF CREDIT FOR RENEWABLE ENERGY AND ENERGY EFFICIENCY

CTF \$25M, AfDB \$75M

Purpose: To facilitate provision of affordable financing through a local bank for indigenous RE/EE projects.

Key Expected Results: 0.15 million tons of CO₂ per year, newly installed capacity of 107 MW

SOUTH AFRICA ESKOM RENEWABLES SUPPORT

CTF \$100M, AfDB \$260M

Purpose: To introduce CSP to Sub-Saharan Africa and scaled-up wind energy to South Africa

Key Expected Results: 0.58 million tons CO₂ emissions avoided through CSP, 0.24 million tons avoided through wind

SOUTH AFRICA XINA SOLAR ONE PROJECT (SUSTAINABLE ENERGY ACCELERATION PROGRAM)

CTF \$41.5M AfDB \$100M

Purpose: The construction of a 100MW CSP plant to alleviate peak load demand and reduce CO₂ emissions in South Africa.

Key Expected Results: Annual reduction of 400,000 tons of CO₂, creation of 1,370 jobs during construction phase and 45 jobs during operation.

“The Moroccan solar program will have a direct and immediate impact on the environment once it is completed.”

—Abderrahim El Hafidi,
Secretary General, Ministry of Energy,
Mining, Water and Environment

SREP Economic growth through renewables

Helping countries revolutionize their energy landscapes, bridging their energy deficit through renewables and stimulating economic growth.

KENYA MENENGAI GEOTHERMAL DEVELOPMENT

SREP \$25M, AfDB \$120M

Purpose: To develop the Menengai geothermal steam field to produce steam for 120 MW power

Key expected results: 540,000 tons CO₂ emissions avoided per year, connecting 185,000 households and 110,000 small businesses.

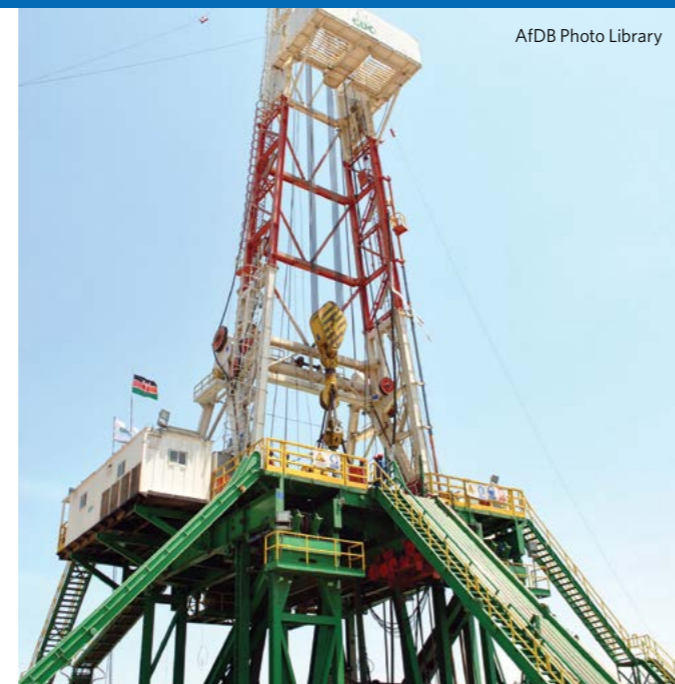
MALI PROJECT FOR SCALING UP RENEWABLE ENERGY (PAPERM)

SREP \$1.5M

Purpose: To foster development of renewable energy by improving policy, strategy, regulatory and institutional frameworks for scaling up renewable energy

Key expected results: Approval of 40 RE projects between 2015 and 2017

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“Electricity is a must. Without electricity, no work.”

—Unnamed carpenter, Kenya

PPCR Embedding resilience in national planning

Helping countries improve climate forecasting and early warning, reduce poverty, increase crop production, and build climate resilience.

MOZAMBIQUE BAIXO LIMPOPO IRRIGATION AND CLIMATE RESILIENCE

PPCR \$15.75M, AfDB \$25M

Purpose: To provide climate resilient infrastructure for increased agricultural productivity

Key expected results: Increased incomes 150% and crop production in project area, reduced poverty rate to 42%

MOZAMBIQUE SUSTAINABLE LAND AND WATER RESOURCES MANAGEMENT

PPCR \$15.75M, AfDB \$3.2M

Purpose: To promote community-based watershed/landscape management approaches

Key expected results: 1,500 ha of forests restored and forest fires reduced by 75%

NIGER IMPROVEMENT OF CLIMATE FORECASTING AND OPERATIONALIZATION OF EARLY WARNING SYSTEMS

PPCR \$13M

Purpose: To build capacity in climate data processing, prepare an agropastoral vulnerability map, and scale up the national early warning system

Key expected results: Strengthened food security, 10% reduction in annual crop losses in project areas

NIGER WATER RESOURCE MANAGEMENT AND DEVELOPMENT

PPCR \$22M

Purpose: To improve resilience in rural communities dependent on rainfed farming

Key expected results: Reduced rural poverty 52%, increased annual agricultural production to 2860 tons in project areas

ZAMBIA STRENGTHENING CLIMATE RESILIENCE IN THE KAFUE SUB-BASIN

PPCR \$38M

Purpose: To strengthen 800,000 rural communities to respond to climate change impacts and strengthen roads linking farmers to markets

Key expected results: Increased resilient infrastructure and production systems in project area; increased Integrated Development Plans in districts with mainstreamed resilience



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18 year old Francisco Obadias works a Mozambican smallholder farm for his family at Baixo Limpopo Project.

FIP Reduced emissions through reforestation and REDD+

Helping countries pioneer payment for environmental services, build landscape management, and support REDD+

BURKINA FASO GAZETTED FORESTS PARTICIPATORY MANAGEMENT

FIP \$12M*

Purpose: To build carbon sequestration capacity in the forests, improving local people's resilience to climate change, and reducing poverty by diversifying income sources, developing gazetted forest wood and non-wood products such as almond and shea processing and beekeeping

Key expected outcomes: Development of a measurable, reportable, verifiable system for REDD+, improvement of forest governance, securitization and management of 284,000 ha of gazetted forests; establishment of a socio-economic support infrastructure for neighboring municipal councils

“FIP is not a standalone process, but is built upon a favourable foundation, which is a foundation of participation.”

—Samuel Yeye,
Burkina Faso Ministry of Environment
and Sustainable Development

DEMOCRATIC REPUBLIC OF CONGO INTEGRATED REDD+ PROJECT IN THE MBUJI-MAYI/KANANGA AND KISANGANI BASINS

FIP \$22.3M*

Purpose: To reduce forest GHG emissions and poverty in a degraded savannah area and a closed forest area to address land tenure security, agriculture, forestry and energy

Key expected results: 4 million tons CO₂ emissions reduced; 30,000 improved stoves; 8,500 ha forests sustainably managed; 20,000 rural micro-enterprises; 4,500 land usufruct rights formalized (50% women, youth)

GHANA ENGAGING LOCAL COMMUNITIES IN REDD+/ ENHANCEMENT OF CARBON STOCKS (ELCIR+)

FIP \$10M*, AfDB \$4.8M

Purpose: To reduce deforestation and forest degradation and financially benefit local communities

Key expected results: Emissions reduction; protection of carbon reservoirs; 12,000 direct beneficiaries (50% women) to receive seeds, equipment, financial incentives to develop forestry, agroforestry and alternative livelihoods activities; 175,000 additional indirect beneficiaries

*Project totals include project preparation grant financing