CTF OPERATIONS UNDERWAY: THE 2016 STATE OF PLAY

A number of middle-income countries in Africa, both north and south, are leading the continent in harnessing their massive renewable resources for energy consumption and mitigation of greenhouse gas emissions. ADB and CTF are partnering with Morocco, Nigeria and South Africa—three of Africa’s conventional energy powerhouses—to create this transformative move to sustainable energy.

Morocco leads on deployment of the transformative Concentrated Solar Power (CSP) technology and showcasing both wind and solar solutions. With the country’s demand for primary energy expected to triple and demand for electricity to quadruple by 2030, these solutions are in line with its goal of covering 42% of its energy with renewables by 2020.

The Moroccan Solar Energy Program has begun to transform the energy sector by deploying a number of CSP power plants. In February 2016, His Majesty Mohammed VI inaugurated Noor 1, the first 100 MW CSP power plant, and brought it into commercial operation. Subsequent power stations, Noor II and III, will add an additional capacity of 350 MW. Once fully operational, the three plants will achieve 1.05 million tons CO2 emissions avoided through CSP, 0.24 million tons avoided through wind.

Nigeria LINE of CREDIT FOR RENEWABLE ENERGY AND ENERGY EFFICIENCY

The CTF $150M, ADB $75M purpose was to facilitate provision of affordable financing through a local bank for indigenous RE/Efeito projects. Key expected results: 0.15 million tons of CO2 per year, newly installed capacity of 107 MW.

SOUTH AFRICA ESKOM SUSTAINABLE ENERGY EFFICIENCY

The CTF $150M, ADB $250M purpose was 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.

NIGERIA LINE of CREDIT FOR RENEWABLE ENERGY AND ENERGY EFFICIENCY

The CTF $250M, ADB $75M purpose was to facilitate provision of affordable energy through a local bank for indigenous RE/Efeito projects. Key expected results: 0.15 million tons of CO2 per year, newly installed capacity of 107 MW.

SOUTH AFRICA ESKOM SUSTAINABLE ENERGY EFFICIENCY

The CTF $150M, ADB $250M purpose was 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.

NIGERIA LINE of CREDIT FOR RENEWABLE ENERGY AND ENERGY EFFICIENCY

The CTF $250M, ADB $75M purpose was to facilitate provision of affordable energy through a local bank for indigenous RE/Efeito projects. Key expected results: 0.15 million tons of CO2 per year, newly installed capacity of 107 MW.

SOUTH AFRICA ESKOM SUSTAINABLE ENERGY EFFICIENCY

The CTF $150M, ADB $250M purpose was 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.

NIGERIA LINE of CREDIT FOR RENEWABLE ENERGY AND ENERGY EFFICIENCY

The CTF $250M, ADB $75M purpose was to facilitate provision of affordable energy through a local bank for indigenous RE/Efeito projects. Key expected results: 0.15 million tons of CO2 per year, newly installed capacity of 107 MW.

SOUTH AFRICA ESKOM SUSTAINABLE ENERGY EFFICIENCY

The CTF $150M, ADB $250M purpose was 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.