



MINISTERO DELL'AMBIENTE
E DELLA TUTELA DEL TERRITORIO E DEL MARE



Renewable energies cooperation opportunities provided by the Italian Ministry for the Environment, Land and Sea (IMELS)

Dr. Ernesto FINO

27th October, Nairobi, Kenya

Introduction

- The **Paris Agreement**, signed in December 2015, marked a significant **milestone and a global request for action** for the public and private sectors identifying challenging long-term objectives.
- In the text of the declaration, the urgent need to implement the Paris agreement is clear as reported in par. 54 **stating the commitment of developed countries to provide a support of 100 billion USD every year till the end of 2025.**
- The **Italian Government** is actively working to **improve international action** to fight against climate change by undertaking a wide range of activities **addressed both to mitigation and adaptation** to climate change.

IMELS main activities

Mitigation and adaptation

Extreme Events

- Technology dissemination aimed to low carbon emissions
- Meteorological data collection for climate change analysis

Energy

- **Renewable energy**
- energy efficiency

Water

- Integrated water management and tr

Soil and Environment

- Land degradation
- Climate Smart Agriculture
- Coastal zone management, wetland and marine environment
- Sustainable forest management and REDD+

Waste

- Waste management

Air Emissions

- Air quality control and management

Mobility

- Sustainable mobility

Capacity building
Technical assistance
Regulatory framework
Technology transfer
Projects
Public-Private
Partnerships

IMELS approaches

1. Bilateral initiatives

Memorandum of Understanding
Technical Arrangement

2. Multilateral/Regional financial institutions

African Development Bank
International Finance Corporation (IFC)
Green Climate Fund
Adaptation Fund

3. Specialized United Nations bodies

UNEP
FAO

Bilateral agreements



21 Agreements already signed: Algeria, Egypt, Morocco, Ghana, Botswana, Lesotho, South Africa, Comoros, Costa Rica, Mexico, Peru, China, Iran, Lebanon, Palestine, Qatar, Serbia, PSIDS, CARICOM countries, Maldives, Nevada.

19 Agreements under negotiation: Ethiopia, Namibia, Swaziland, Sudan, Dem. Rep of Congo, Djibouti, Tunisia, Rwanda, Argentina, Bolivia, Paraguay, Azerbaijan, Russia, Georgia, Iraq, Kazakhstan, Vietnam, Laos.

Agreement signed

- Algeria
- Botswana 
- Comoros
- Egypt 
- Ghana
- Lesotho 
- Morocco
- South Africa
- Tunisia 

Currently under negotiation

- Djibouti
- Ethiopia
- Namibia
- Sudan
- Swaziland
- Dem. Rep. of Congo
- Rwanda

Regional/Multilateral financial institutions in Africa

African Development Bank

- AfDB, African Climate Change Fund
- AfDB, Sustainable Energy Fund For Africa

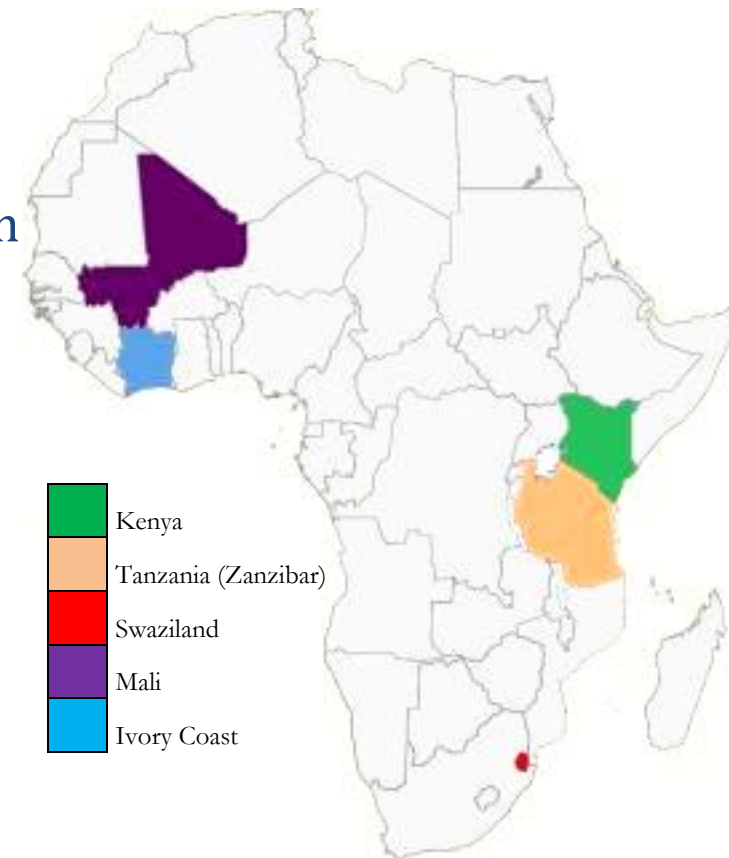
International Finance Corporation

- IFC, Lighting Africa Program
- IFC, MENA Inclusive Green Growth Program

AfDB African Climate Change Fund

Thematic Trust Fund

- IMELS cofinancing (2015): ~ USD 5 million
- Main objectives: to provide small grants to support African countries in their transition to climate resilient and low carbon development, and to enable banks to scale up climate change activities.
- Total activities so far: 8 projects approved, 5 national and 3 transnational for a total of USD 3,3 million



Sustainable Energy Fund for Africa

Multi-donor Trust Fund

- Capitalization: ~ USD 95 million
- IMELS cofinancing (2015): ~ USD 8 million
- Operationalized in January 2012
- main funds components:
 - Project preparation
 - Enabling environment
- Main objectives: support Renewables and EE in Africa. SEFA is designed to scale-up AfDB's involvement in small and medium sized private-sector driven RE/EE projects, as a means of stimulating economic growth and job creation.
- 2016 approved projects: e.g. Rwanda (USD 840,000); Tanzania (USD 420,000) ; Ethiopia (USD 840,000); Nigeria, Mali, Madagascar, etc.



Clean Energy Access Fund (CEAP)

Trust fund within IFC – Lighting global Program

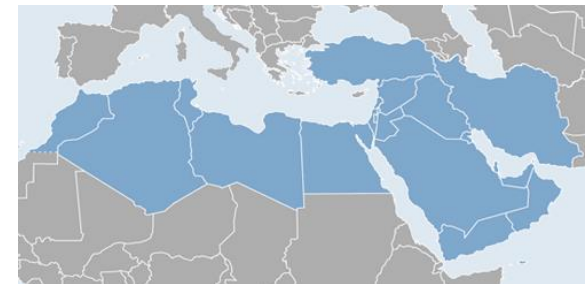
- IMELS cofinancing (2015): ~ USD 7 million
- Main objectives: to accelerate the market development of “off grid” lighting products in rural areas without access to electricity in the Sub Saharian Africa. LA catalyzes the development of markets for affordable, modern off-grid lighting products in Sub-Saharan Africa.



IFC

MENA Inclusive Green Growth Program

- IMELS cofinancing: ~ 7 USD million
- Main objectives: Capacity building, Technical assistance, Regulatory framework, access to finance for SMEs
- Main projects (e.g.):



Project name	Country
Smart Technology & Energy Efficient Production	Egypt
Sustainable Energy Finance	Egypt, Tunisia
Power Advisory Program	Algeria, Tunisia

Specialized UN bodies

Paving the way for the Deployment of Distributed Renewable Energy Technologies in North Africa

- IMELS contribution: ~ USD 2 million
- Partners: UNEP, NREA, IMELS, others
- Objectives: Analyzing and simulating the National Energy System; Support the design, implementation and monitoring of renewable ordinances (regulatory framework); Implementing incentives mechanism for the deployment of SWH technology; Enabling the environment for private investemets.

Thanks for your kind attention!



IMELS

fino.ernesto@minambiente.it