



**Medium Term Work Plan**

**of the Memorandum of Understanding on cooperation in the field of climate change vulnerability, risk assessment, adaptation and mitigation**

**between**

**the Ministry for the Environment, Land and Sea of the Italian Republic**

**and**

**the Ministry of Tourism and Environmental Affairs of the Kingdom of Swaziland**



## 1. Background

Following the Memorandum of Understanding (MoU) signed in Bonn, on 17 May 2017, between the Ministry for the Environment, Land and Sea of the Republic of Italy (IMELS) and the Ministry of Tourism and Environmental Affairs of the Kingdom of Swaziland (MTEA), the Signatories, agree to implement the following Medium Term Work Plan (WP).

## 2. Objectives

2.1 The objectives of the present WP are to identify and select activities and projects, that correspond to the general objectives of the MoU that are:

- to strengthen and coordinate efforts to combat global climate change and address its adverse effects;
- to support mechanisms to reduce climate change vulnerability and enhance risk assessment;
- to promote secure, clean and efficient energy;
- to stimulate the transition towards a sustainable low-carbon economy;
- to implement adaptation actions and opportunities to protect the environment and natural resources.

2.2 The intention is to make a substantial contribution to the implementation of both adaptation and mitigation actions, to properly address and manage the current and future impacts of climate change in Swaziland.

## 3. Description of Activities

3.1 In accordance with Article 4.2 of the aforementioned MoU, in the course of the implementation of the projects and activities, consideration will be given to the participation of the public, private and non-profit sectors and, where appropriate, universities, scientific and technical research bodies and non-governmental organizations, as well as Italian and Swazi institutions.

3.2 Following Article 2 of the MoU, and taking into account the indications provided by the Intended Nationally Determined Contributions (INDCs) submitted in September 2015 by the Kingdom of Swaziland, this WP aims to focus on the following areas of interest:

- 1) Environmental governance on mitigation and adaptation activities - support to the enhancement of appropriate measures for climate change mitigation and adaptation;
- 2) Agricultural sector - promotion of sustainable agricultural practices;

- 3) Water sector - integrated management of water resources;
- 4) Energy sector - development of renewable energy sources and enhancement of energy efficiency.

### **3.1.1 Environmental governance on mitigation and adaptation activities**

The objective is to achieve a concrete step towards the implementation of the INDCs, providing support to the identification, adoption and monitoring of appropriate strategies and plans for climate change mitigation and adaptation.

To this end, cooperation will be focused on the following possible activities:

- Improve collection, analysis, management and dissemination of meteorological data relevant to the observation of climate change, the measurement of its impacts and the evaluation of mitigation and adaptation actions;
- Support the development of a clear and transparent system for monitoring, reporting and verification (MRV) of actions enacted in the framework of the INDC in strategic sectors;
- Promote an effective early-warning system and an integrated risk management strategy to improve resilience to extreme weather events in order to reduce the vulnerability of the population.

### **3.1.2 Agricultural sector**

The objective is to promote sustainable agricultural practices so as to enhance national food security and curb GHG emissions.

To this end, cooperation will be focused on the following possible activities:

- Support sustainable agricultural and agro-forestry practices through the application of the climate-smart agriculture approach (CSA) and introduction of agro ecology techniques;
- Preserve and develop the ecological richness and biodiversity;
- Promote technology transfer reinforcing the capacity of agricultural producers through the sharing of knowledge and best practices.

### **3.1.3 Water sector**

The objective is to improve water quality and quantity and to reduce vulnerability to the effects of climate change through the integrated and sustainable management of available resources.



To this end, cooperation will be focused on the following possible activities:

- Improve access to water, especially in rural areas, by reinforcing the infrastructures, reducing water loss within the supply network, and introducing innovative techniques for resource management;
- Optimize the use of water resources in the agricultural sector.

### 3.1.4 Energy sector

The objective is to reduce emissions and promote access to energy through the exploitation of renewable sources and the enhancement of energy efficiency.

To this end, cooperation will be focused on the following possible activities:

- Exploit the renewable energy potential of the country, identifying suitable locations for installations and estimating the renewable generation capacity;
- Promote the development of small-scale and off-grid renewable energy systems for rural electrification;
- Promote measures on renewable energies and energy efficiency through the implementation of pilot projects in the residential, tertiary and industry sector.

## 4. Implementation

Each funded activity will include a budget for missions and travels, that will cover also travel expenses of both sides experts and officials, according to the UN regulations.

## 5. Entry into force

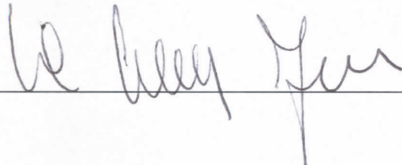
This Work Plan will come into force after signature by the Signatories.

This Work Plan is agreed and signed in Johannesburg on July 4<sup>th</sup>, 2017

**For the Ministry for the Environment, Land  
and Sea of the Republic of Italy**

**Director General**

**Mr. Francesco La Camera**

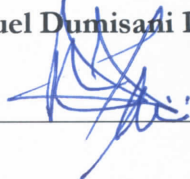


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**For Ministry of Tourism and  
Environmental Affairs of the Kingdom of  
Swaziland**

**General Secretary**

**Mr. Emmanuel Dumisani Dlamini**



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