

**Mid-Term Work Plan**

on

**CO-OPERATION IN THE FIELD OF  
CLIMATE CHANGE VULNERABILITY, RISK ASSESSMENT,  
ADAPTATION AND MITIGATION**

Between

**THE MINISTRY FOR THE ENVIRONMENT, LAND AND SEA  
OF THE REPUBLIC OF ITALY (IMELS)**

and

**THE MINISTRY OF THE ENVIRONMENT, WILDLIFE AND TOURISM  
Of THE REPUBLIC OF BOTSWANA (MEWT)**



Following the Memorandum of Understanding (MOU) signed in Paris, on December 11, 2015, point 5.4., between the Ministry for the Environment and Land and Sea of the Republic of Italy (IMELS) and the Ministry of the Environment, Wildlife and Tourism of the Republic of Botswana (MEWT), the Parties agree to implement a “Medium-term Work Plan, including projects and activities, as applicable”.

### **Objectives**

The objectives of the present Medium-term Work Plan have to be identified and selected along with planned activities and projects, that correspond to the general objective of the MoU, to strengthen and coordinate efforts to combat the adverse effects of climate change and to support the implementation of mechanisms for national climate change vulnerability and risk assessment, adaptation and mitigation, in the Republic of Botswana.

In accordance with Paragraph 3 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 Institutions coming from Italy and Botswana.

In accordance with Paragraph 2 of the MoU, and taking into account the indications provided mostly by the National Intended Determined Contributions (INDCs), the National Adaptation Plan (NAP), the National Appropriate Mitigation Actions (NAMAs), the National Water Master Plans and the National Transport Master Plan of the Republic of Botswana, this Medium-term Work Plan aims to make a substantial contribution to the implementation of both adaptation and mitigation measures, to properly address and manage the current and future impacts of climate change in Botswana.

The parties convene that Botswana-Italy Medium-term Work Plan will focus on the following sectors:

**1. MITIGATION MEASURES – Enhance Renewable Energy National Policy and Regulatory Framework and Promotion and Development of actions aimed to kick-start Innovative Renewable Energy Projects in Botswana;**

**2. MITIGATION AND ADAPTATION MEASURES - Smart Climate Agriculture activities to be combined with sustainable water integrated management**

The activities under program 1. will be selected within the following options:

- Technical Assistance aimed to enable the environment for private investments on RE in Botswana, including the introduction of appropriate measures within the Central and Local Policies and Regulatory Framework

- Improving climate data collection, management and forecasting through the enhancement mapping of renewable energy potential of the country, and particularly PV solar, Water Heating Solar systems, Wind, Biogas;
- Promoting and developing the use of solar energy, in order to provide a solid and tangible contribution towards the achievement of the national targets established by the Government, and in line with INDCs document;
- Promoting and Developing community based mini-grids and macro-grids sourced by RE in rural areas;
- Promoting and developing the production of biogas in Botswana through “waste to energy” approach: exploiting landfill methane gas capture and use, and improving the biogas utilization through the manure produced in large livestock farms.

The activities under program 2. will be selected within the following options:

- Integrating community based and traditional agricultural practices into climate smart agriculture crop and livestock production systems
- Enforcing resilience and adaptation in rural areas of Botswana, also adopting Renewable Energy programs to address poverty-climate change nexus in rural Botswana.
- Developing innovative initiatives based on the RE-Water-Food nexus.
- Developing and promoting sustainable agro-business and diary in local rural areas in order to address mitigation and adaptation to climate change.
- Developing and promoting groundwater protection through MAR to address Climate Smart Agriculture (CSA) options.

These activities may be implemented in cooperation with FAO.

To activate such a Mid-term workplan the MEWT will internally advocate to avail tangible contributions in the implementation phase from all the stakeholders belonging to the Botswana Committee on Climate Change, including the Ministry of agriculture, the Ministry of Energy and the Water Authorities.

In addition to the options listed above, independently on the activities to be implemented, the whole bilateral cooperation will include capacity building schemes,



Each activity funded will include a budget for missions and travels, that will cover also the expenses of the travels from Italy to Botswana of Italian experts and IMELS officials according to the UN regulations.

**Entry into force**

This Mid Term Work Plan will come into force after signature by the Parties.

This Work Programme is agreed and signed in Gaborone on April, 27<sup>th</sup> 2016 in English.

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

Director General

Dr. Francesco La Camera



**For the Ministry of the Environment,  
Wildlife and Tourism of the Republic  
of Botswana**

Permanent Secretary

Elias M. Magosi

