



**MEDIUM TERM WORK PLAN**

on

**COOPERATION IN THE FIELD OF SUSTAINABLE ENERGY FOR  
CLIMATE CHANGE ADAPTATION AND MITIGATION**

between

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

and

**THE MINISTRY OF ENERGY AND MINES OF THE REPUBLIC OF CUBA  
(MINEM)**

Following the Memorandum of Understanding (MoU) signed in Havana, on May 28<sup>th</sup>, 2018, between the Ministry for the Environment, Land and Sea of the Italian Republic (IMELS) and Ministry of Energy and Mines of the Republic of Cuba (MINEM), the Signatories agree to implement the following medium term Work Plan (WP).

## Objectives

The objectives of the present medium term Work Plan are to identify and select activities and projects, that correspond to the general objectives of the MoU that are:

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

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 Cuba.

## Description of Activities

In accordance with Article 5.2 of the aforementioned MoU, in the course of the implementation of the projects and activities, consideration will be given to the encourage and facilitate, when appropriate, contacts and cooperation in the field of environment between companies and private organisations from both countries.

Following Article 2 of the MoU, and taking into account the indications provided by the Nationally Determined Contributions (NDCs) submitted on November 2015 by Cuba, this WP aims to focus on the following areas of interest:

1. Energy sector: promotion and development of renewable energies and enhancement of energy efficiency;
2. Capacity building and training sector: supporting capacity building in order to assess the applicability and the effectiveness of the strategies taken into account.

### 1. Energy sector

The aim is to reduce the emissions in the energy sector promoting the transition towards low-carbon energy sources and enhancing energy efficiency.

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

- Enhancement of renewable energy potential of the country, identifying suitable locations for new installations and estimating potential energy capacity focused on biomass, solar photovoltaic, solar thermal power, hydropower, wind power and solid urban waste;
- Promotion and development of renewable energies, in order to achieve the target established by both countries in their NDCs;
- Promotion and deployment of renewable energy technologies for off-grid application as decentralized systems;
- Promotion of innovative financial instruments/mechanisms for small scale renewable energy and energy efficiency technologies;
- Promotion of renewable energies sources and energy efficiency measures through the implementation of pilot projects in the residential, tertiary and industrial sector.

## **2. Capacity building and training sector**

The aim is to strengthen the national technical capacity and quality of local expertise in environmental management, and to increase the public capacity to effectively manage environmental and risks resulting from global climate change.

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

- Build capacity and social empowerment at all levels (government, private sector and civil society);
- Develop and implement a communication, education and awareness strategy with respect to climate change;
- Support the capacity to implement, monitor, report and communicate concerning the Nationally Determined Contributions (NDCs) in the renewable energy sector;
- Develop a collaboration network with local and overseas research partners in order to share information and cooperate on climate change initiative.

## **Means of Implementation**

The activities under the aforementioned sectors will be implemented through the following means:

- Elaboration of jointly projects in the areas of common interest.
- Capacity building:
  - improvement of the system for evaluating and assessing mitigation and adaptation measures;
  - ensuring participation of the society, local communities, indigenous peoples, women, men, youth, civil organizations and private sector in national and sub national climate change planning.
- Sharing of resources, technologies and information.
  - organization of workshops, presentations and meetings (also b2b) for technology transfer;
  - exchange of experiences and best practices.
- Exchange of experience, trainees and personnel:

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

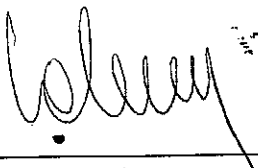
### Entry into force

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

This Work Plan is agreed and signed in ROME on DEC. 24<sup>th</sup>, 2018.

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

Director General  
Francesco La Camera



For Ministry of Energy and Mines of  
the Republic of Cuba

Director General  
Rosell Guerra Campaña

