



ADDENDUM

TO THE MEMORANDUM OF UNDERSTANDING

between

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

and

the Caribbean Community Climate Change Centre

on

**Co-operation for the Development of Renewable Energy Sources
and Mitigation and Adaptation to Climate Change
in the Caribbean Region**

The Caribbean Community Climate Change Centre, hereafter referred to as the “5Cs”,

and

The Italian Ministry for the Environment, Land and Sea of the Republic, hereafter referred to as “IMELS”

RECALLING the Memorandum of Understanding on cooperation for the Development of Renewable Energy Sources and Mitigation and Adaptation to Climate Change in the Caribbean Region between the Italian Ministry for the Environment, Land and Sea and the Caribbean Community Climate Change Centre signed on November 23, 2015,

RECALLING the article 2, sub paragraph 2.3, of the above mentioned MoU, which states that “Upon completion of the activities stipulated for those first two years, the Italian Party and the 5Cs will agree upon activities to be undertaken by the 5Cs in the following years, and the Italian Party will make available to the 5Cs the appropriate amount to cover the cost of the activities agreed upon”.

RECALLING the Memorandum of Understanding on cooperation on Climate Change Vulnerability, Adaptation and Mitigation between the Italian Ministry for the Environment, Land and Sea and the Governments of Antigua and Barbuda, the Bahamas, Barbados, Belize, Dominica, Grenada, Guyana, Haiti, Jamaica, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, hereafter referred to as “CARICOM countries”,

EMPHASIZING the importance of strengthening international cooperation on development and on the fight against climate change for developing country Parties, taking into account the urgent and immediate needs of those developing countries that are particularly vulnerable,

Hereby agree as follows:

Article 1 **Premises**

1.1 The premises are an integral and substantial part of this Addendum to the Memorandum of Understanding signed on November 23, 2015 between the Italian Ministry for the Environment, Land and Sea and the Caribbean Community Climate Change Centre, hereafter referred to as the “Memorandum”.

Article 2 **Objective**

2.1 The objective of the present Addendum is to continue the assistance provided by the 5Cs to the Parties to the MOU between IMELS and the CARICOM countries in the identification, preparation, implementation, monitoring and reporting of projects and initiatives within the

Memorandum of Understanding between IMELS and the CARICOM countries, in accordance with the terms stipulated in Annex 1 to the Memorandum between IMELS and 5C.

Article 3 Activities

The activities to be implemented under this Addendum are:

1. Development and utilization of renewable energy sources

- **Activity 1.1** Technology assessment of energy requirements and infrastructure in the mid- and long-term and of the most appropriate renewable energy mix capable of meeting those needs, including for the development of sustainable transport technologies and non-motorized solutions, in order to reduce pollutants and GHG emissions.
- **Activity 1.2** Development of human resources specialized in the planning, implementation and management of energy policies, strategies and plans; development/strengthening of national capacities for the development of national and regional energy markets, as well as of the appropriate financial instruments.
- **Activity 1.3** Increased access of remote communities to electricity for lighting, water pumping, telecommunications, medicine and food cold storage, through utilization of the photovoltaic technology – new installations and rehabilitation of existing facilities – and other renewable energy technologies – such as mini hydro and wind – as appropriate in each specific context and in accordance with its potential.
- **Activity 1.4** Development of Photovoltaic stand-alone electrification systems in urban areas and of Photovoltaic integration into the national grid.
- **Activity 1.5** Investigation of the local potential for Wind, Biogas, Hydropower, Geothermal, Tidal and Wave power sources and development of the resources potential, especially for domestic uses and the tourist industry.
- **Activity 1.6** Assessment and development of sustainable transport solutions.
- **Activity 1.7** Development and utilization of indigenous renewable energy sources including geothermal energy, ocean thermal energy conversion (OTEC), hydro, wind, solar and bio-energy/waste to energy.
- **Activity 1.8** Promotion of climate resilient development with a sustainable financing mechanism.

2. Development of climate change adaptation measures

- **Activity 2.1** Assessment of current and future climate changes in the tropical cyclones distribution, intensity and frequency; development of experimental dynamical seasonal forecasts; strengthening of early warning systems through collection, analysis, management and use of relevant data, and preparation of risk maps and contingency plans, in regard to the evolution of weather phenomena and their impact on ecosystems at the social and spatial scale;

- **Activity 2.1bis** Development of measures to adapt to sea level rise;
- **Activity 2.2** Strengthening disaster risk governance and national capacities for disasters prevention, mitigation, preparedness, response, recovery, and rehabilitation, and fostering collaboration and partnership across mechanisms and institutions for the implementation of instruments relevant to disaster risk reduction and sustainable development; development of adaptation measures for critical facilities, such as schools, hospitals, water and sanitation infrastructure, transportation and telecommunications; development of new building codes, rehabilitation and reconstruction practices and standardized building materials;
- **Activity 2.3** Development of conservation measures for coastal and marine areas affected by the negative impacts of climate change, especially those that are particularly significant for their biodiversity and for providing ecosystem services; strengthening the national managerial and organizational capacity as well as governance in the areas of protection and conservation of marine biodiversity; development of programmes and projects that enhance ecosystem resilience and increase the contribution of biodiversity to carbon stocks through conservation and restoration measures; development of measures to minimize and address the impact of acidification and invasive species on oceans and seas.

3. Development of climate change mitigation measures

- **Activity 3.1** Identification, implementation, reporting and assessment of the Intended Nationally Determined Contributions (INDC).

These sectors and related activities are subject to expansion/modification according to the decisions made by the Joint Committee established by the Memorandum of Understanding between the Italian Party and the CARICOM Member States in matters related to the implementation of national and regional projects and initiatives in CARICOM Member States.

Article 4

Contribution and schedule of disbursements

1. The Italian Party will make available to the 5Cs in the bank account designated by the 5Cs for this purpose, an amount not exceeding 750.000,00 USD over a period of two years from the date of signature, to cover the cost incurred in undertaking the activities and achieving the outputs described in Article 3 respectively, as appropriate.

2. In view of the fact that the first year of activities will require more intense efforts on the part of the 5Cs for identification and preparation of bankable projects and initiatives, the schedule of disbursements for the two years will be as follows:

- 150.000,00 USD upon signature of the Addendum and against a written request of contribution, indicating banking details, by the 5Cs to the Italian Party;
- 265.000,00 USD by 31 March 2018 against a written request of contribution by the 5Cs to the Italian Party and after the submission of technical and certified financial Reports related to the first disbursement;

- 265.000,00 USD by 30 November 2018 against a written request of contribution by the 5Cs to the Italian Party and after the submission of technical and certified financial Reports related to the second disbursement;
- 70.000,00 USD by 31 May 2019 against a written request of contribution by the 5Cs to the Italian Party and after the submission of an annual and detailed certified financial Report in line with the 5Cs financial regulations, rules, policies, procedures, and administrative instructions.

3. The budget indicated in paragraph 1 will include the selection, in synergy with IMELS of three consultants that will enhance the capacity of the Centre in supporting CARICOM Member States, including in the development of bankable projects for submission to the various financial institutions.

Article 5 Management and Reporting

1. The 5Cs will, for the purposes of the present Addendum, maintain the special deposit account communicated to the Italian Party under Annex 1 of the MoU.

2. The 5Cs shall administer the allocation of funds described in Article 4 above and carry out the activities described in the Article 3 above with due diligence and efficiency and in conformity with appropriate administrative, technical, financial and procurement practices.

3. Upon completion of activities under the present Addendum the 5Cs shall submit to the Italian Party a comprehensive Final Report summarizing results achieved and lessons learned, together with a Financial Report detailing the manner in which the Italian Party's contribution has been utilized.

Article 5 Special Provisions

4.1 This Addendum shall be in compliance with all the international Conventions and Protocols signed by IMELS, as well as with any other obligations related to Italy's membership in the European Union and to the 5Cs' membership in regional organizations.

4.2 The implementation of the Addendum shall be subjected to the provisions of the national legislation of IMELS and the Agreement Establishing the 5Cs.

Article 6 Final Provisions

5.1 The present Addendum will come into effect on the date of signing and will remain in effect for two years, unless the 5Cs or IMELS notify the other party as to its intention to terminate it, at least six months in advance of the termination date.

5.2 Amendments can be made consensually by the 5Cs and/or IMELS through exchange of written communications, specifying the date of the entry into force.

5.3 Any disagreement in the interpretation, management or execution of the present Memorandum will be resolved by mutual agreement.

5.4 Termination of the present Addendum shall have no effect on ongoing co-operation projects, and/or on initiatives already agreed upon by the 5Cs and IMELS.

Done in on 2017 in two originals in English language.

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

For the Caribbean Community Climate
Change Centre

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