

**Memorandum of Understanding
Between
The National Institute of Wind Energy (NIWE)
under the Ministry of New and Renewable Energy,
Government of India**

**and
The Technical University of Denmark (DTU Wind Energy)
The Department of Wind Energy,
Kingdom of Denmark**

**ON
COLLABORATION IN THE FIELD OF WIND ENERGY AND WIND-
SOLAR HYBRID SYSTEM**

The National Institute of Wind Energy under the Ministry of New and Renewable Energy, Government of India and the Technical University of Denmark (DTU Wind Energy), the Department of Wind Energy, Kingdom of Denmark (hereinafter referred to as the "Parties" and individually as the "Party")

Having identified Wind Energy, Wind-Solar Hybrid systems and Smart Grid Maintenance as common areas of interest, and

Desiring to establish the intention to continue and intensify the collaboration in the Wind Energy, Wind-Solar Hybrid Systems and Smart Grid Maintenance fields,

HAVE REACHED THE FOLLOWING UNDERSTANDING:

**ARTICLE I
OBJECTIVE**

The objective of this Memorandum of Understanding (MoU) is to establish the basis for a collaborative institutional relationship to encourage and promote research and technical cooperation in the areas identified for collaboration on the basis of mutual benefit, equality and reciprocity between the Parties.

ARTICLE II
AREA OF COLLOBORATION

The Parties will, subject to the laws, rules, regulations and national policies as may be in force from time to time, governing the subject matter in their respective countries, endeavour to take necessary steps and promote cooperation in development of wind energy, both onshore and off shore, wind-solar hybrid systems, grid management etc. including subsystems, devices, components, data analytics etc.

ARTICLE III
MODALITIES OF COLLOBORATION

The collaboration under this Memorandum of Understanding shall focus on:

- i) Exchange of available scientific and technological information and data in areas identified for collaboration;
- ii) Technical knowledge sharing for developing projects in areas identified for collaboration;
- iii) Transfer of equipment, know-how and technology on non-commercial basis;
- iv) Exchange and training of scientific and technical personnel;
- v) Collaboration in teaching activities (offering short and long-term courses), postgraduate, PhD and continuing education programmes;
- vi) Other areas as may be decided by the parties by way of mutual agreement.

ARTICLE IV
JOINT WORKING GROUPS

In order to coordinate the above mentioned activities and decide upon various programmes/projects relating to wind generation and wind-solar hybrid systems, the Parties will establish a "Joint Working Group" (JWG) with the following functions:

- a) Identifying areas of mutual interest and collaboration in identified areas.
- b) Development of programmes and projects in identified areas.
- c) Monitoring and evaluation of programmes and activities.
- d) Any other activity as may be agreed upon by the Parties in writing.

The Parties will designate one main and one alternate representatives each to the Joint Working Group for the aforesaid activities. The Joint Working Group will to the extent possible conduct the work through electronic communication, but meet alternately in India and Denmark whenever considered necessary.

The Joint Working Group can co-opt other members from scientific institutions, research centres, universities or any other entity, as and when considered essential

ARTICLE V FINANCING

Each Party will bear costs for its own arrangements in all programmes unless specifically agreed by way of financial or technical assistance.

ARTICLE VI SETTLEMENT OF DISPUTES

Any dispute concerning the interpretation or application of this MoU shall be settled amicably through mutual consultations and / or negotiations between the Parties through regular diplomatic channels.

ARTICLE VII AMENDMENTS

The Memorandum of Understanding can be amended, revised or modified by mutual decision of Parties through exchange of letters between Parties.

ARTICLE VIII
ENTRY INTO FORCE, DURATION AND TERMINATION

This MoU shall enter into force on the date of its signing and shall remain in force for a period of five (5) years. Thereafter this Memorandum of Understanding will stand automatically renewed till such time, Parties decides to terminate the same with notice in writing to the other Party of least three (3) months prior to its termination. The termination of this MoU will not affect the validity and duration of any on-going programmes and projects under this MoU.

IN WITNESS THERE OF, the undersigned being duly authorized thereto by their respective Institutions have signed this Memorandum of Understanding.

Signed on this 17 day of December of the year 2018 in two (2) originals with each Party having one original.

For and on behalf of NIWE:

For and on behalf of DTU:



Dr. K. Balaraman, Director General,
National Institute of Wind Energy



Dr. Peter Hauge Madsen, Head of
Department, DTU Wind Energy

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