

**MEMORANDUM OF UNDERSTANDING
BETWEEN
UK TRADE & INVESTMENT AND CHINA NATIONAL ENERGY
ADMINISTRATION
ON
OFFSHORE WIND POWER COOPERATION**

1. This Memorandum of Understanding

This Memorandum of Understanding (“MOU”) is between UK Trade & Investment, of the UK and The National Energy Administration, of China (“The Parties”)

Whereas The Parties recognise that:

- the development of offshore wind power can help each of their countries in the matters of addressing energy security, reduction of emissions and mitigation of climate change, strengthening environmental protection, creation of new economic growth, increase in employment, and acceleration of green growth;
- through mutual cooperation, The Parties will be able to speed up the domestic and global development of offshore wind power for each of their countries;

Therefore, and in the context of the framework set up during the 2010 Energy Dialogue, The Parties resolve, through the operation of this MOU, to cooperate more closely and to facilitate cooperation between the industries of the UK and China, with regard to Offshore Wind Power.

2. Areas of Co-operation, and Objectives

The Parties expect to increase the commercial viability of offshore wind power, and to overcome technological and market barriers to its development, through sharing experience of government policies, strategies and plans, and facilitating collaboration between the industries of both countries, including the sharing by industry of information on technological, engineering, commercial, and financial developments and resources; and through commercial collaboration by

industry also in the development of markets in the UK, China, and third countries.

The Parties intend that this cooperation should take place in three main areas:

2.1 Government-Level Policy and Market Information

The Parties intend:

2.1.a to enhance their mutual understanding of each other's government policies and regulations on investment and financing, pricing, fiscal and government coordination, incentives, and development mechanisms, through the sharing of experience at government level, and including experience of actual developments, and;

2.1.b to share information that is available at government level on forthcoming developments, planned wind farms, and new or changing projects, including through the production of working project lists of known developments in the UK, in China, and in third markets where there is attractive potential for UK-China co-operation.

2.1. Objectives: The objectives of this area of cooperation are for The Parties to share an understanding of their respective policy and market management issues and experiences, and of the existing and likely future areas of opportunities for industrial cooperation.

2.2. Technologies, Supply Chain and Project Development

The Parties intend to facilitate industry contacts from each country to identify mutually beneficial opportunities to work together in relevant fields, with particular reference to:

2.2.a technology R&D cooperation in the fields of resource assessment and site selection, design and manufacturing of wind power and construction equipment, key component planning, offshore wind farm operation and maintenance, transmission technology and wind farm decommissioning.

2.2.b identifying and engaging in opportunities to strengthen the supply chains of each country through the supply of complementary components and services, and through investment in manufacturing,

2.2.c identifying and engaging in opportunities for investment and financing, and in implementation in each country in manufacturing, in project development, in installation, and in operations and maintenance.

2.2. Objectives: The objectives of this area of cooperation are for the industries of the UK and China to effect technology transfer in each direction on a commercially sustainable basis, to provide for complementary access into UK and Chinese supply chains and project investment and implementation opportunities for UK and Chinese firms respectively, and to facilitate combined UK and Chinese access to other global markets where appropriate.

2.3. Capacity Building and Training

The Parties intend to:

2.3.a encourage industry collaboration to share information and practise on technology standards and relevant manufacturing and quality control and testing and certification techniques, and the development of national test facilities for wind turbine components and sub-systems, with a view to adopting materially similar standards in the UK and China that cover the complete industry value chain.

2.3.b exchange assessments of skills and talents in their respective offshore wind power sectors, and encourage relevant opportunities in industry for offshore wind power training, and the gaining of direct business and operational experience.

2.3. Objectives: The objectives of this area of cooperation are for companies and other bodies to engage in personnel exchange and secondment, joint design and manufacture of early production runs, and joint engagement in project planning, investment & administration, construction & installation, and operation & maintenance.

3. Implementation

3.1. Actions by The Parties

It is anticipated that the MOU shall be implemented through various methods that may include, but are not limited to:

- a. Mutual assessment and exchange of information on opportunities in the areas identified above;
- b. Joint organization of lectures, seminars and meetings; inviting relevant experts, scientists, and representatives from the commercial side and relevant government departments to participate;
- c. Exchange visits by relevant experts and delegations;
- d. Other forms of cooperation agreed by both sides.

3.2. Management of the MOU

The Parties intend to establish a formal “platform” or management arrangement with equal involvement by both Parties, in order:

- a. to determine the specific activities, or work plan, to be undertaken through this cooperation, and;
- b. periodically to assess progress being made towards its objectives and to recommend adjustments to these activities accordingly.

The adoption of proposed activities will require agreement by both Parties.

4. Other Matters

1. With written consent of both Parties, the memorandum can be modified at any time.
2. For any dispute over the explanation or implementation of this MOU, both sides shall endeavour to solve it through negotiation.
3. According to the laws and regulations from both countries and international agreements that are effective for both countries, under this MOU, both Parties shall fully respect relevant intellectual property rights.
4. This MOU will be effective from the date of signing. It will stay in force for an initial period of 3 years which can be extended by mutual consent of the

parties, unless terminated through notice given by either party in which case it will terminate 3 months after such notice.

Signed on 26 September 2013 in duplicate each in the English and Chinese Languages, both texts being equally valid.

UK Trade & Investment

China National Energy Administration



The image shows two handwritten signatures on a light yellow background. On the left is a cursive signature in English, which appears to be 'Tim Dawkins', with a horizontal line underneath it. On the right is a signature in Chinese calligraphy, consisting of three characters: '吴新雄' (Wu Xinxiong).