

**Statement of Cooperation in the Field of Civil Nuclear  
Energy 2015**

Between

the Department of Energy and Climate Change of the United  
Kingdom of Great Britain and Northern Ireland

and

the China National Energy Administration

On the occasion of President Xi Jinping's State Visit to the United Kingdom, the Department of Energy and Climate Change of the United Kingdom of Great Britain and Northern Ireland (the UK Participant) and the National Energy Administration of the People's Republic of China (the Chinese Participant) and have announced this *UK – China Statement of Cooperation in the Field of Civil Nuclear Energy 2015*.

Both Participants recognise the important role that safe and secure nuclear energy can play in supporting economic development and providing reliable, affordable and low-carbon energy.

Both Participants re-iterate their full commitment to the implementation of effective export controls for nuclear materials in line with their respective international obligations.

Both Participants share a common goal of furthering co-operation and the establishment of a long-term mutually beneficial partnership based on fairness and equal treatment in the field of civil nuclear energy industry, research and development, and next generation nuclear power technologies.

Both Participants have identified and progressed a range of actions to co-operate in civil nuclear on the basis of mutual benefit and

reciprocity as outlined in the 2013 *Memorandum of Understanding between the Government of the People's Republic of China and the Government of the United Kingdom of Great Britain and Northern Ireland on Enhancing Co-operation in the Field of Civil Nuclear Energy*.

Both Participants recognise the effective leading co-ordination role of the UK– China Civil Nuclear Working Group under the 2013 Memorandum of Understanding and confirm the achievements reached to date. Both participants recognise the potential for a broad long term partnership across the civil nuclear energy industry.

Both Participants welcome investment and participation in each other's nuclear new build programmes and recognise the importance of civil nuclear energy policies and technologies to the healthy and sustainable development of civil nuclear power programmes in both countries and around the world.

Both Participants welcome the signing of a commercial strategic investment agreement setting out the key terms of the Chinese companies' cooperation with EDF in their proposed programme of nuclear new build projects in the UK, including Chinese investment of 33.5% in the Hinkley Point C project. Both Participants welcome the announcement that the Contract for Difference and Secretary of State Investor Agreement relating to the Hinkley Point C project are now in final form. Both sides recognise the project as an example of UK–China–France co-operation that will create mutual benefits for all three partners.

Both Participants welcome minority investment and participation of the Chinese enterprises in the development phase of the proposed Sizewell C project in Suffolk in conjunction with EDF and the plan to build two European Pressurized Reactors (EPRs).

Both Participants welcome the proposal for a Chinese-led project at Bradwell B in partnership with EDF and the potential for a new nuclear power station subject to meeting the requirements

applicable to all new nuclear build projects in the UK at that time with regards to planning, environmental, safety, and other regulatory requirements.

Both Participants acknowledge that any Chinese reactor design, which might be deployed in the UK, would need to be submitted to the UK's independent nuclear regulators for Generic Design Assessment (GDA) before being deployed in the UK. Both Participants expect that a Chinese reactor design will be submitted to GDA in 2016 following the signing of the full form documentation for the Hinkley Point C project. Both Participants recognise the independence of the UK's nuclear regulators and recognise that a reactor deployed in the UK must meet the regulators' stringent requirements.

A Chinese-led UK entity intending to submit a reactor design for GDA will seek to work in partnership with enterprises with experience of the GDA to assist them during the process including on any aspects of redesign work required to secure a successful GDA. This will mark the beginning of a genuine long-term strategic partnership not only for the UK, but for deployment in China and third countries too.

Both Participants in accordance with the 2013 Memorandum of Understanding will continue to facilitate co-operation between each country's respective industries to promote opportunities for collaboration in line with each country's regulations and requirements. Both Participants recognise the importance of complementary UK and Chinese supply chain content in UK nuclear new build programmes and will take firm steps within their respective legal frameworks to maximise the economic and social benefits accruing to local and national economies as the result of the development of nuclear power stations.

Both Participants agree to enhance communication with each other with a view to facilitating the enterprises in each country to explore cooperative opportunities in the UK, China and other third

countries. The Participants agree to assist their companies in understanding each other's market and actively seek to promote genuine partnership between UK and Chinese enterprises for projects in the UK, China and third countries including but not limited to nuclear steam supply system as well as balance of plant.

Both Participants recognise the importance of a skilled workforce for delivery of civil nuclear projects and have decided to work together to promote skills development and training programmes. The Chinese Participant recognises the importance of a substantial local skilled workforce in UK new build projects.

Both Participants note the progress made in fuel cycle collaboration to date in particular under the 2014 *Memorandum of Understanding on Enhancing Co-operation in Fuel Cycle Supply Chain* and acknowledge the desire to enhance co-operation in the back end of the nuclear fuel cycle. Both Participants welcome the co-ordinating role played by the relevant Government departments in facilitating commercial partnerships and intend to promote collaboration in this field on the basis of mutually beneficial partnerships.

Both Participants express a desire to continue co-operation in civil nuclear research and development. Both Participants agree to support the establishment and operation of the civil nuclear Joint Research and Innovation Centre (JRIC) between institutions of our two countries. Both Participants agree the JRIC will be encouraged to carry out research into areas of civil nuclear energy that are of mutual interest and importance to both countries' national research programmes.

Both Participants recognise the benefits of international academic cooperation in civil nuclear research and development and encourage their respective academic institutions and facilities to consider opportunities for working in this area.

Both Participants emphasise the importance of public understanding and support for the development of nuclear power

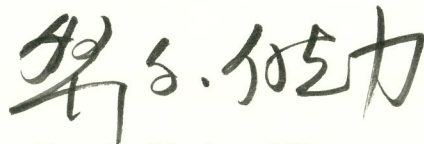
and agree to continue increasing communication and exchange in this field.

In witness therefore, the undersigned, being duly authorized by their respective authorities, have signed this Statement.

Signed at London on October 21, 2015 in duplicate, in the English and Chinese languages, each version being equally valid.



For the Department of Energy  
and Climate Change of the  
United Kingdom of Great  
Britain and Northern Ireland



For the National Energy  
Administration of the People's  
Republic of China