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## **Wood Group secures carbon sequestration concept study work from National Grid**

Wood Group Kenny has been appointed by National Grid to perform study work in relation to development options National Grid is investigating to transport and inject carbon dioxide (CO<sub>2</sub>) into a prospective offshore saline aquifer storage location in the UK sector of the Southern North Sea. Wood Group Kenny will work together with its sister company Wood Group Mustang to complete the design work as a combined project team.

The Wood Group Kenny scope involves concept design, scheduling and cost estimating for offshore pipeline and subsea facilities, which include the trunkline from a landfall site to the offshore injection facilities, as well as subsea structures, cables and umbilicals, and the trunk line shore approach and crossing. The company will also perform flow assurance modelling from the landfall to the aquifer sand face, which is essential to demonstrating the offshore transportation and storage concept. Wood Group Mustang will perform concept design of the offshore surface facilities including the jacket and topsides infrastructure.

Russell Cooper, National Grid Carbon, CCS Technical Lead said "This project is one of a number we are considering in our quest to assist the UK Government to meet its obligation to cut carbon emissions by 20 per cent by 2020. We are delighted to engage the considerable offshore experience of Wood Group in moving this project forward."

Patrick O'Brien, director of strategic business and marketing for Wood Group Kenny said "This is an important further step for us in expanding our business beyond oil and gas, while utilising our considerable subsea and pipeline engineering and project management capabilities which we have built up over 30 years in the subsea industry. We will lead this work from our Aberdeen office."

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**Notes to editors:**

**National Grid Carbon Ltd** is a non-regulated, independent subsidiary of National Grid, created to develop carbon dioxide transportation infrastructure in the UK. National Grid's expertise in building and running safe and effective pipeline networks could play a critical role in helping the UK to meet its obligation to cut carbon emissions by 20 per cent by 2020 through provision of CO<sub>2</sub> transport services to support deployment of Carbon Capture and Storage technology.

**National Grid** is an international electricity and gas company and one of the largest investor-owned energy companies in the world. National Grid play a vital role in delivering gas and electricity to millions of people across Great Britain and northeastern US in an efficient, reliable and safe manner. National Grid believe the power of action can play a major role in safeguarding our global environment for future generations and tackling the effects of climate change, providing all our customers with the highest standards of service through network investment and through our talented, diverse workforce.

National Grid owns the high-voltage electricity transmission network in England and Wales and operates the system across Great Britain. It also owns and operates the high pressure gas transmission system in Britain and its distribution business delivers gas to 11 million homes and businesses.

**Offshore saline aquifer** is a body of porous rock located offshore, deep below the sea bed and containing in the pores of the rock, saline water that has remained trapped in the rock formation over long geological time spans.

**Wood Group** is an international energy services company with \$5.5bn sales, employing more than 36,000 people worldwide and operating in 50 countries. The Group has three businesses - Engineering, Wood Group PSN and Gas Turbine Services - providing a range of engineering, production support, maintenance management and industrial gas turbine overhaul and repair services to the oil & gas, and power generation industries worldwide. [www.woodgroup.com](http://www.woodgroup.com)

**Wood Group Kenny** is the world's largest specialist subsea, pipeline and riser engineering and management contractor employing more than 2,000 people worldwide. [www.woodgroupkenny.com](http://www.woodgroupkenny.com)

**Wood Group Mustang** provides a full range of engineering, design, project management, and construction management services to the oil and gas, refining and chemical, pipeline, automation and control, and process manufacturing industries. [www.mustangeng.com](http://www.mustangeng.com)

**For further information contact:**

Carolyn Smith, Director, Corporate Communications – Eastern Hemisphere, Wood Group  
Tel: +44 (0) 1224 851099, email: [carolyn.smith@woodgroup.com](mailto:carolyn.smith@woodgroup.com)