



# RWE DEA – A RELIABLE PARTNER IN THE WORLD OF GAS AND OIL

United Kingdom

## RWE Dea – a reliable partner in the world of gas and oil

**RWE Dea – in the world of gas and oil, the company’s name stands for performance and competence, commitment and responsibility. The company is headquartered in Hamburg, Germany and is a top-performing exploration and production company for natural gas and crude oil, operating on an international scale. The company is part of the RWE Group – one of Europe’s biggest energy corporations.**



RWE Dea is headquartered in Hamburg, Germany.

### Success through international operations

In an effort to expand its international upstream position, RWE Dea is concentrating on defined core regions in favourable locations near Europe’s consumer centres. Oil exploration and production will be increasingly replaced by gas activities, which will increasingly involve operations abroad. The international upstream activities cur-

rently focus on Europe, the Caspian region as well as the Northern African states. In both, the domestic and international activities, the company cooperates with competent partners in numerous projects. Geotechnical expertise, state-of-the-art drilling and production technologies combined with a wide range of professional experience have allowed RWE Dea to become a powerful company engaged in diverse operations both at home and abroad. Securing energy supplies, environmental protection and safe operations are key objectives. The production of natural gas, which plays an ever increasing role in a growing market, is a top priority for RWE Dea.

### RWE Dea UK

In the United Kingdom, one of the key regions of RWE Dea’s upstream business, RWE Dea UK Holdings Ltd has been the operating subsidiary of RWE Dea AG since 2002. The company’s assets are concentrated in the Southern North Sea gas basin. Its producing fields and undeveloped reserves are located close to the key markets of Central Europe and in proximity to an advanced and sophisticated network infrastructure. The relatively short export routes using existing pipeline connections to the United Kingdom and the Netherlands are a positive feature. RWE Dea UK’s produced gas is sold via RWE



RWE Dea UK operates from an office in central London. It employs highly specialised upstream experts and co-operates with competent partners in numerous projects. An offshore operations base is located in Great Yarmouth.

Supply and Trading, which is also part of the RWE Group.

### Producing Fields

RWE Dea UK currently has interests in ten producing gas fields: Anglia, Cavendish, Markham, Mimas, Minke, Saturn, Tethys, Topaz, Victor and Windermere. The company is operator of the Cavendish, Windermere and Topaz gas fields. These fields produce gas from a total of 33 wells (in 2010) drilled into the Rotliegendes and Carboniferous reservoirs. Production from the Cavendish field, RWE Dea's first development project in the United Kingdom, commenced in July 2007 and is exported via the Caister Murdoch System (CMS) facilities to the Theddlethorpe Gas Terminal (TGT). The

Cavendish field was one of the building blocks in boosting the level of gas sales in the UK. The Saturn Area development was also completed in 2007 allowing production start-up from the Mimas and Tethys satellites, which now complement production from the main Saturn fields Atlas, Hyperion, and Rhea. The Windermere and Markham fields, both provide gas to the continental market through the Westgastransport (WGT) pipeline system. The Minke field was developed with export to the Netherlands via the D15 facilities and onwards into the Noordgastransport (NGT) pipeline system. These fields have an important strategic position along the UK/Dutch median line and will facilitate further developments in that area. The Topaz field was brought onstream in



Drilling on Cavendish: The Cavendish field in the UK sector of the Southern North Sea Gas Basin commenced production in July 2007.



RWE Dea also has interests in the gas fields Mimas, Saturn and Tethys, all located in the UK sector of the North Sea, and operated by ConocoPhillips.





The Topaz gas field is linked to the Schooner platform (Tullow) by means of a 15 kilometre, 6 inch pipeline.

2009 as a satellite to the Schooner platform and is also exported via CMS to TGT.

#### Development Fields

RWE Dea UK has interests in further gas and gas condensate development projects: Breagh, Clipper South, Devenick, Kepler and Orca. The Breagh field is located in the Southern North Sea in Blocks 42/13a and 42/12a, 65km from the north-east coast of England and around 86km from RWE Dea UK's Cavendish gas field. The resources of Breagh gas field, together with its surrounding fields, constitute probably one of the largest undeveloped natural gas discoveries in the Southern North Sea. The field development is expected to start in 2010 with production start in 2012. Estimated net reserves are substantial and will have a significant impact on RWE Dea's total gas resources, with further upside potential identified in the surrounding exploration blocks. In 2009, RWE Dea took a 50% interest and operatorship of Southern North Sea Blocks 48/19a, 48/19c and 48/20a, in which the Clipper South field is located. The field lies in the Sole Pit Basin with a producing horizon in Rotliegendes tight-gas sands. Development of the field will rely on production from hydraulically multi-fractured horizontal wells with production start also anticipated in 2012. The Devenick field is a High Pressure

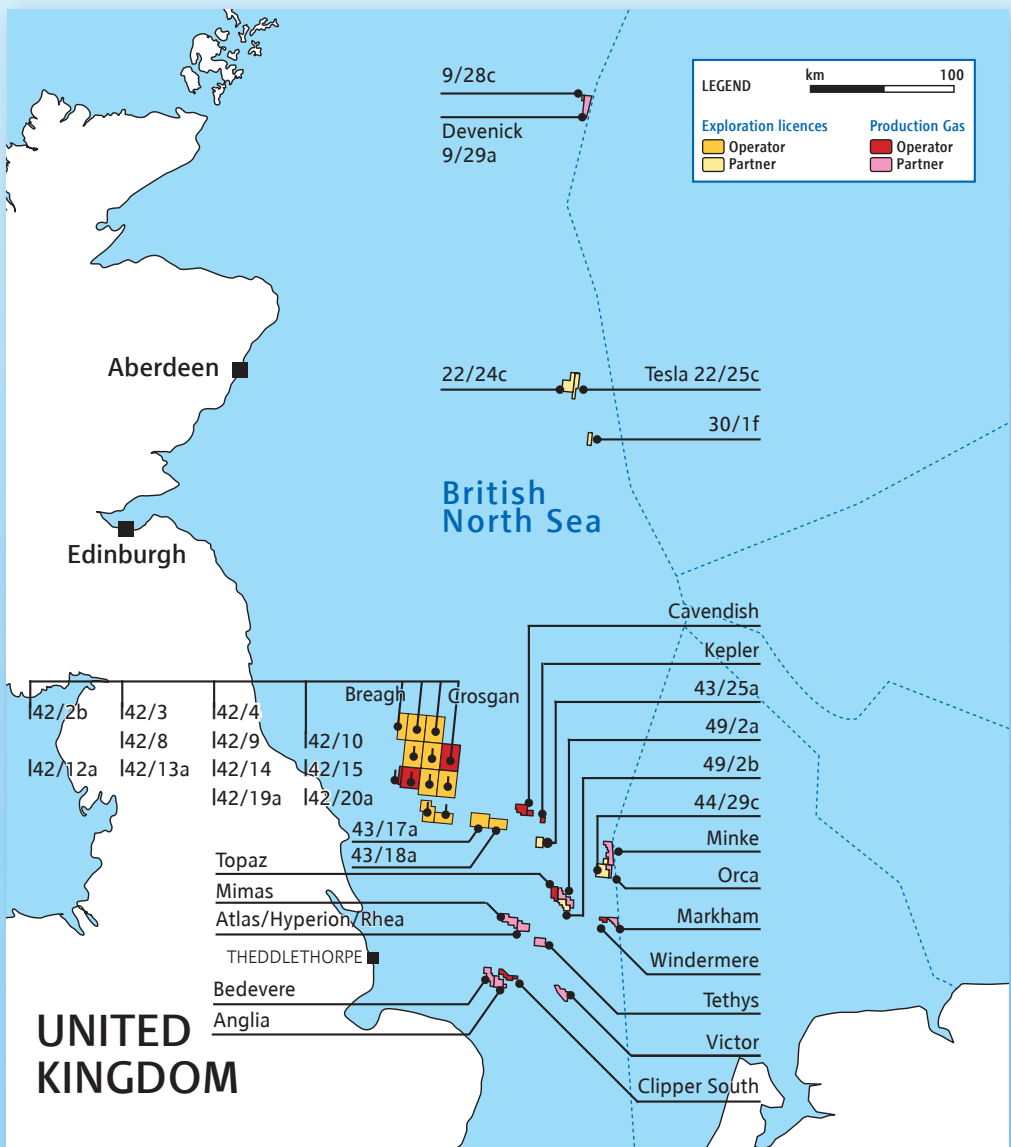
High Temperature (HPHT) gas condensate project in the Central North Sea operated by BP. Development planning commenced in 2009 with production expected from an initial two subsea wells, tied-back to the East Brae facilities. RWE Dea expects the field to be on stream also in 2012. The Orca field, operated by Gaz de France Suez, is anticipated to comprise a subsea development tie-back to the D15 facilities in the Dutch sector of the Southern North Sea.

#### Exploration

Since its arrival in the UK in 2002 RWE Dea has participated successfully in all UKCS licence rounds and consistently seeks further exploration opportunities in order to replenish reserves and yield a balanced portfolio of production and development opportunities in the United Kingdom.

#### Policy Statement for Health & Safety and Environmental Management (Extract)

RWE Dea UK, comprising RWE Dea Holdings Ltd and its relevant UK subsidiaries recognises its moral and legal obligations to conduct its activities in a manner which promotes the health and safety of its employees and others affected, and protects the natural environment. The Company is committed to Health, Safety and Environmental (HS&E) management.



RWE Dea's assets are concentrated in the UK sector of the Southern North Sea Gas Basin. Exploration activities expand into the Central North Sea HPHT area.

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