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Wind Energy Construction Programme UK 2010-2020

New AMA report reviews the UK onshore and offshore wind energy programme and considers future developments

"Renewable energy is central to the new coalition government's objectives to reduce carbon dioxide emissions by 30% by 2020, and to generate 15% of the UK's energy supply from renewable sources by 2020. With onshore wind farms already making a considerable contribution in the UK, the key opportunities for larger scale development going forward lie offshore."

A brief summary of the new edition of the report is included on the following page.

Priced at £650, the report is currently available from AMA Research Ltd, Telephone 01242 235724 or e-mail at sales@amaresearch.co.uk.

Editors Note:

Attached is a summary of the report. Please use brief extracts if you wish, **but we would request that references to company market shares are not published without our prior permission.**

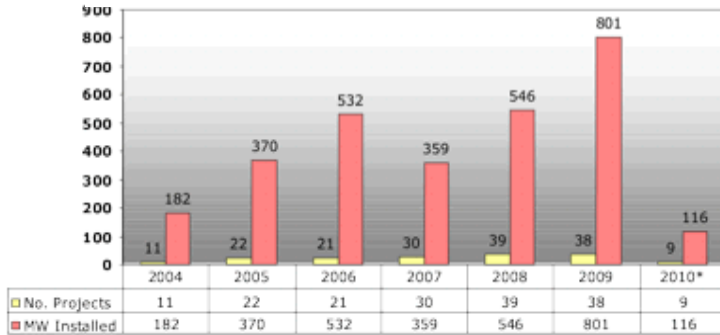
If you would like to speak to an author of this report, please contact Andrew Hartley or Chris Moore on (01242) 235724.

Please include our web address and telephone number on any review printed, it would also be appreciated if a copy of the review could be forwarded to AMA Research. Thank you.

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Wind Energy Construction Programme UK 2010-2020

Onshore Wind – Annual Capacity Installed in the UK 2004 – 2010



AMA Research has recently published the 2nd Edition of its Commercial Wind Energy Market in the UK Report, which provides a comprehensive and easy to use review of the commercial wind energy sector.

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With onshore wind farms already making a considerable contribution in the UK, the key opportunities for larger scale development going forward lie offshore.

For the first time, in 2009, the UK wind energy sector delivered more than 1GW of new wind power capacity in one year and the forward pipeline is also very healthy, with 2.4GW of onshore and offshore capacity under construction, a further 6.5GW consented and 9.9GW in planning.

The UK is aiming for onshore wind to grow from around 3.5GW today to at least 13-14GW by 2020, and suitable sites for up to 32GW of offshore wind power development have been identified by the Crown Estate for this timeframe. This installation programme for UK offshore wind until 2020 captures the delivery of all Crown Estate Round 1-3 projects.

The shift from current operating capacities represents a tremendous challenge for the sector and its supply chain to deliver an unprecedented scale of development over a relatively short time span, necessitating an average build rate of around 950MW onshore wind per year and around 2.2GW of offshore wind per year.

The report reviews the key issues affecting both the on and offshore wind energy markets including the estimated costs and timetable for construction, key players involved and an analysis of the major factors affecting wind farm development such as planning, turbine availability and connection to the grid. With renewable energy firmly on the new coalition government's agenda, the report also explores the market opportunities ahead for the construction industry and the wider supply chain.

The **total future investment costs** for 32GW of **offshore wind** and 14GW of **onshore wind**, including grid connection, are estimated to be as much as **£80-95bn**. Costs have risen over the past few years as increasingly complex sites are developed in the offshore sector due to the greater distance from shore and depth.

AMA Research's report "**Wind Energy Construction Programme – UK 2010-2020**" is available in hard copy or electronic format for £650 and can be ordered online at www.amaresearch.co.uk or by calling 01242 235724.