

Wednesday 14th January 2015 at 18:00 hrs

at the Institution of Civil Engineers, Telford Theatre One Great George Street, London, SW1P 3AA

OFFSHORE WINDFARM FOUNDATIONS

Presented by

BEN WYSOME

(Ramboll Energy)

Offshore wind has become an established contributor to the energy needs of the UK and overseas and offshore wind turbines are becoming an increasingly common sight along some stretches of the British coastline.

Ramboll Energy's Wind & Towers Division has been established for over a decade and is responsible for the detailed design of more than half of the offshore wind turbine foundations installed worldwide on 37 projects. As well as monopile foundations – by far the most commonly used to date – more recently Ramboll has delivered a number of jacket foundation designs and is currently developing a number of projects of both types.

This talk will describe the different foundation solutions being used and developed, the lessons learnt so far and the challenges to be faced in the years to come as the Crown Estate Round 3 wind farms begin to enter the construction phase.

Since graduating in 2004, Ben Wysome has been working for Ramboll as an engineer for over 10 years.

He has been working in the offshore wind sector since 2008 and is Head of Department for the offshore wind team in London.

In that time he has worked on several different offshore wind projects in the UK and abroad, both in the early conceptual design and the detailed design phases.

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