

# An Introduction to Hywind Scotland Pilot Park

Kelly Meulepas, Peterhead Public Event, 20-21 May 2014

# Statoil

Statoil is an international energy company with operations in 36 countries. Building on 40 years of experience from oil and gas production on the Norwegian continental shelf, we are committed to accommodating the world's energy needs in a responsible manner, applying technology and creating innovative business solutions.



# Project objective



Prototype



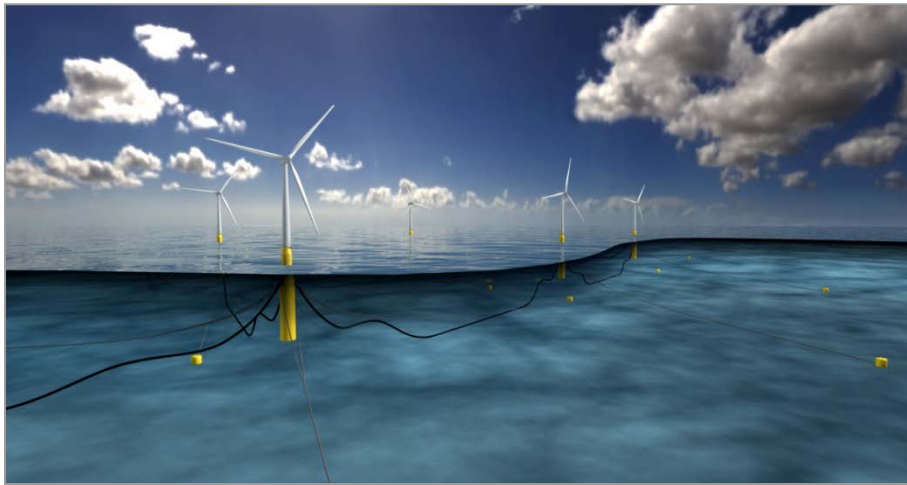
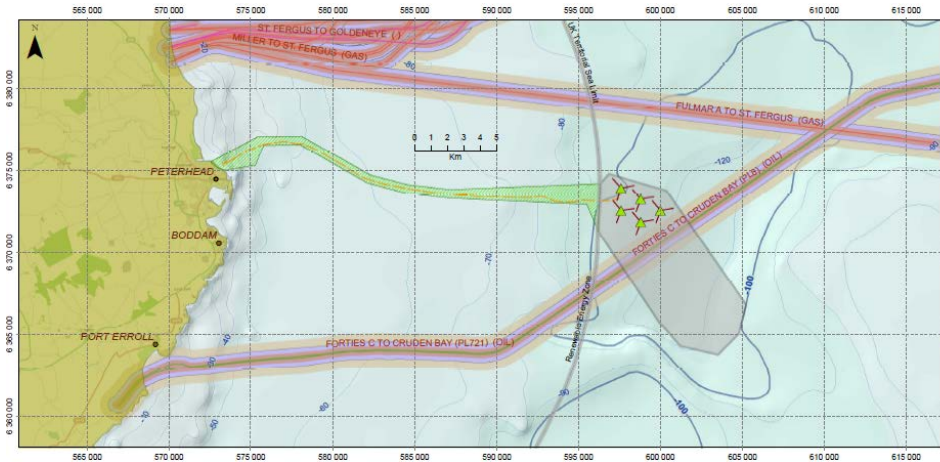
Pilot Park



Large parks

**Demonstrate cost-efficient and low risk solutions for commercial scale parks**

# Hywind Scotland Pilot Park



## Major milestones:

|                           |           |
|---------------------------|-----------|
| Final investment decision | 2015      |
| Onshore construction      | 2016/2017 |
| Offshore installation     | 2016/2017 |
| In operation              | 2017      |

# Location of onshore infrastructure



Sources: Esri, DeLorme, USGS, Intermap, iPC, Esri Japan, METI, Esri (Hong Kong), Esri (Tha

### Legend

- Route Alignment
- Trench
- HDD
- Surface laid ducting with concrete mattress protection only
- Surface laid ducting with concrete mattress protection and clump weights
- Junction Box
- Substation

|     |            |       |                 |   |
|-----|------------|-------|-----------------|---|
| 01  | 23/04/2014 | OA    | For information | J |
| Rev | Date       | Drawn | Description     | C |



**Mott MacDonald**  
 Environment  
 Demeter Ho  
 Station Roar  
 Cambridge,  
 United Kingd  
 T +44 (0)12  
 F +44 (0)12  
 W www.mot

Client:  
 Statoil Wind Limited

Title:  
 Hywind Scotland Pilot Park Project Task 3: Lan  
 Figure 1.1

|          |     |       |    |
|----------|-----|-------|----|
| Designed | JdV | Check | AI |
|----------|-----|-------|----|



# Consenting process

| <b><u>Offshore elements</u></b>  |   |  |
|--|---|--|
| <b>Works</b>   | <b>Consent</b>  | <b>Determining authority</b>                 |
| <b>Parts of the Project outside 12 nm (the turbines, moorings, inter array cables and parts of the export cable outside)</b> | Marine Licence Under Section 6 of the Marine and Coastal Access Act 2009                  | Scottish Ministers (through Marine Scotland) |
| <b>Parts of the Project within 12 nm below Mean High Water Springs (MHWS) (the export cable).</b>                            | Marine licence under Section 16 of the Marine (Scotland) Act 2010                         | Scottish Ministers (through Marine Scotland) |
| <b>The turbines, moorings, inter array cables and export cable.</b>  | Energy Act 2004<br>(Decommissioning Programme)  | Secretary of State (DECC)                    |
| <b><u>Onshore elements</u></b>   |   |  |
| <b>Landfall, onshore cable route and onshore substation.</b>   | Planning permission under Section 28 of the Town and Country Planning (Scotland) Act 1997 | Aberdeenshire Council                        |

There's never been a better  
time for **good ideas**

This presentation, including the contents and arrangement of the contents of each individual page or the collection of the pages, are owned by Statoil. Copyright to all material including, but not limited to, written material, photographs, drawings, images, tables and data remains the property of Statoil. All rights reserved. Any other kind of use, reproduction, translation, adaption, arrangement, any other alteration, distribution or storage of this presentation, in whole or in part, without the prior written permission of Statoil is prohibited. The information contained in this presentation may not be accurate, up to date or applicable to the circumstances of any particular case, despite our efforts. Statoil cannot accept any liability for any inaccuracies or omissions.

An Introduction to Hywind Scotland Pilot  
Park

Kelly Meulepas  
Engineering Manager  
khou@statoil.com  
Tel:

[www.statoil.com](http://www.statoil.com)