



MAINSTREAM
RENEWABLE
POWER

EU Regions Days Offshore Renewables “Exploring Synergies”

Developing the SuperCluster

Steve Clarke, UK Content Manager, SMart Wind

5th October 2010, 9am-10:45am

Scotland House, 6 Rond Point Schuman, Brussels

Introducing Mainstream

- Founded in February 2008
- Innovative, entrepreneurial and ambitious global renewable energy company
- Owned by Eddie O'Connor and Staff/Management
- 90+ Employees
- Management Team Includes:
 - Dr. Eddie O'Connor: Founder & Chief Executive Officer
 - Fintan Whelan: Co-Founder & Corporate Finance Director
 - Andy Kinsella: Executive Director and CEO, Offshore
 - Torben Andersen: Executive Director and CEO, Onshore
- Board Members Include:
 - Fintan Drury: Chairman
 - Chuck Watson: Former Chairman and CEO of Dynegy Inc
 - Sir Roy Gardner: Former CEO of Centrica
 - Brendan Halligan: Chairman, Sustainable Energy Ireland
 - John Lavery: Co-Founder, Airtricity
 - Mark Brown: Barclays Capital
- Sponsoring Members of Renewable UK
 - Chris Hill: General Manager, SMart Wind & Board Director, Renewable UK

SMart Wind – World Leading Companies...

SIEMENS

- The world's leading environmental company with total revenue in 2008 €19bn from its environmental portfolio
- To maintain its Number 1 position in UK offshore wind energy



- A leading developer of large scale renewable energy projects that accelerate global progress towards a sustainable future
- To make the UK the powerhouse of Europe by accelerating and maximising offshore wind delivery and realising the supergrid

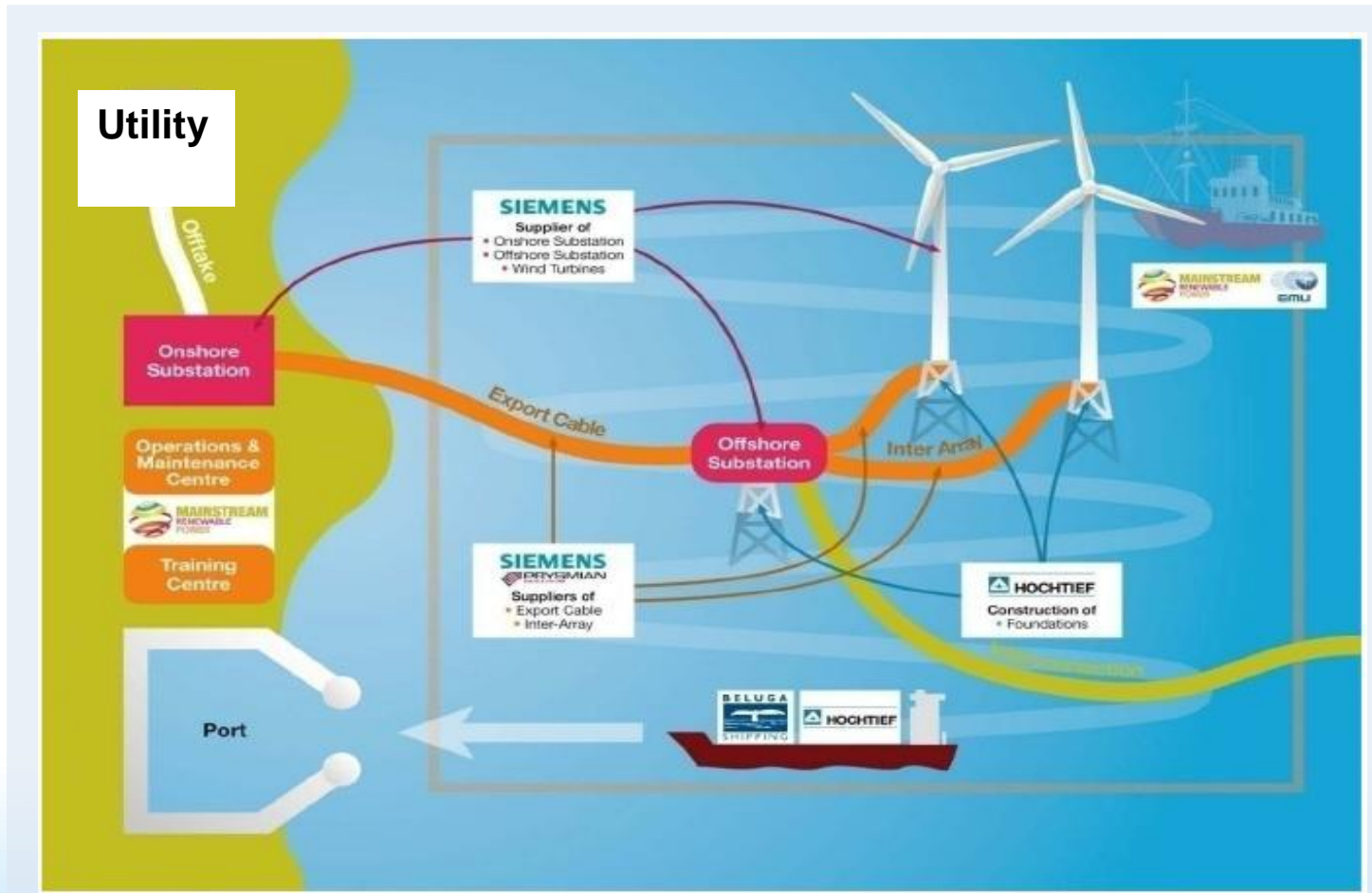


- The fourth largest construction company in the world
- To become the construction company of choice to the offshore wind industry through excellence in performance, innovation and delivery

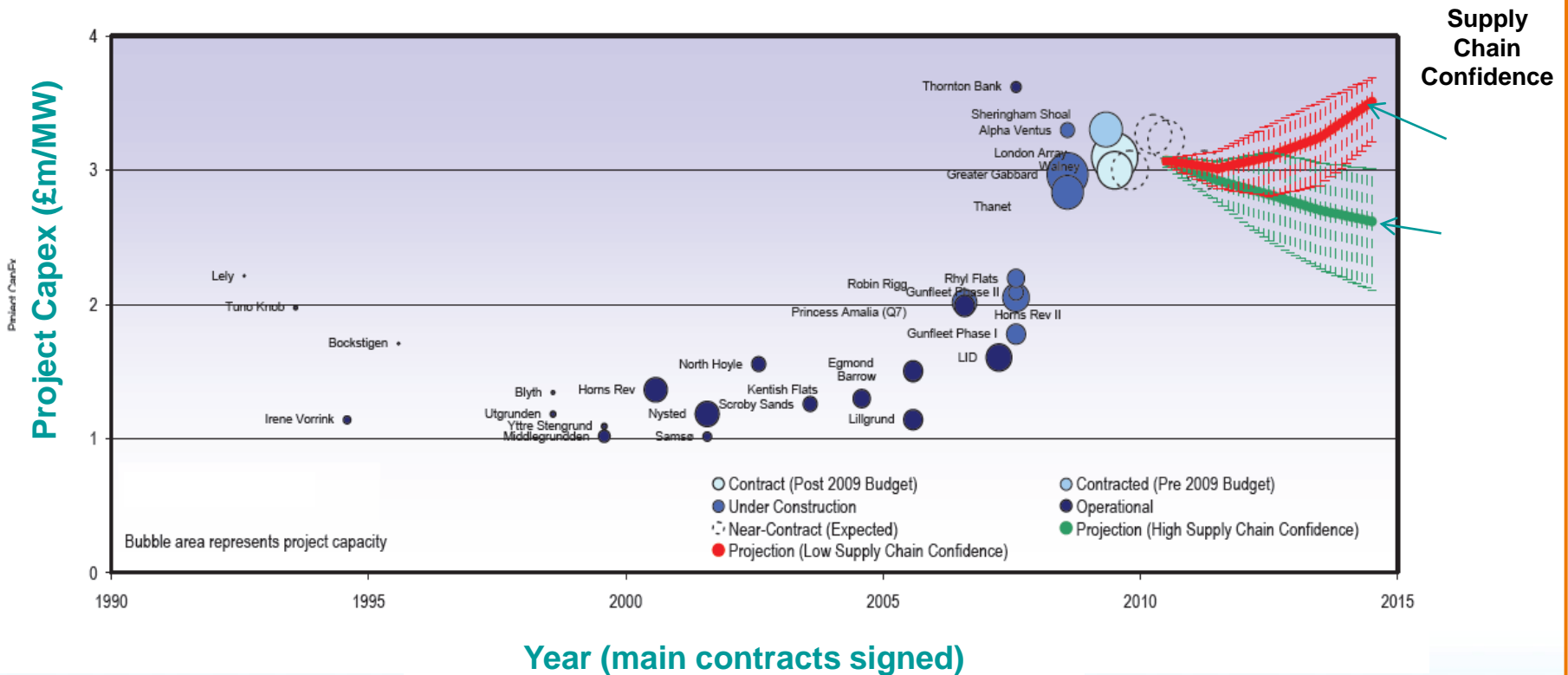


...with complimentary objectives

SMart Wind – Equipped for Success

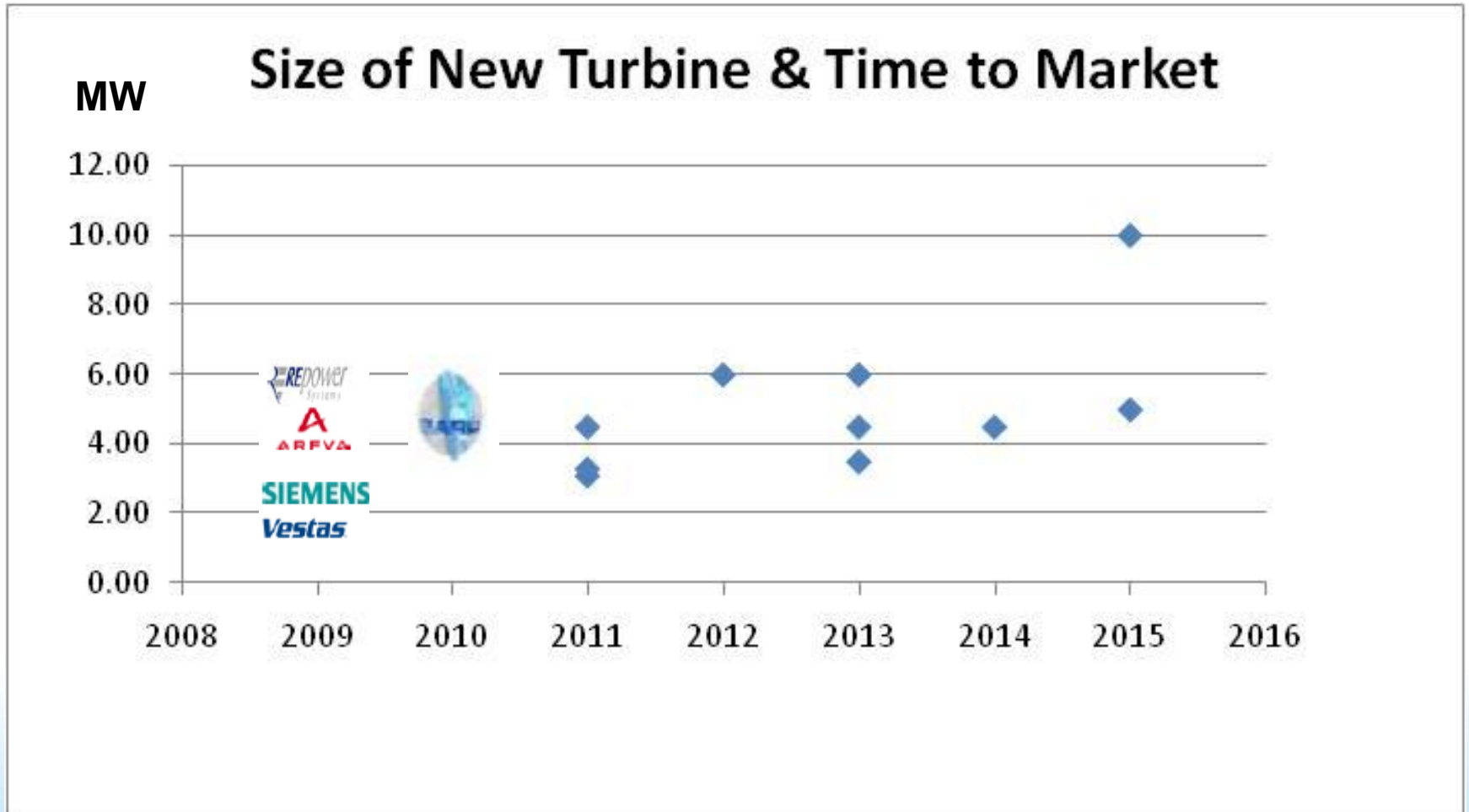


Addressing the Economic Challenge



Source: Garrad Hassan for BWEA, 2009

New Offshore Turbines on their way



Developing Supergrid

<http://www.friendsofthesupergrid.eu/>



Supergrid is defined as:

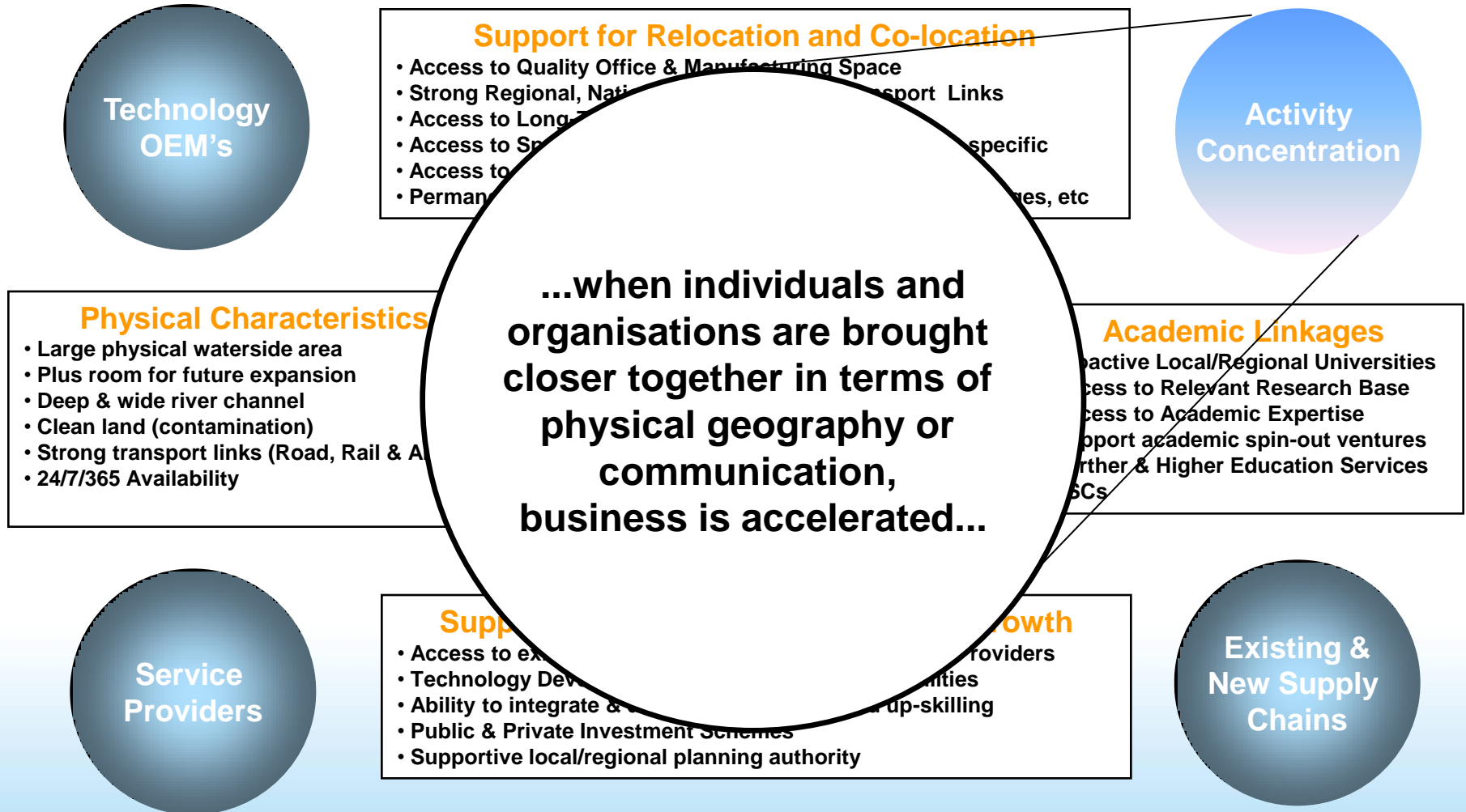
“an electricity transmission system, mainly based on direct current, designed to facilitate large-scale sustainable power generation in remote areas for transmission to centres of consumption, one of whose fundamental attributes will be the enhancement of the market in electricity.”



Defining SuperCluster

“a geographic region based around a relevant and credible Port location, which incorporates most if not all of the offshore wind energy value chain including supply chain manufacture & assembly of products, provision of services which support the sector (including the wider low carbon energy sector); academic links to support the research, development and deployment of tomorrow’s turbines, foundations and interconnection technologies and the training and skills provision needed to deliver the growth in human capital which underpins every part of the sector value chain”

Clustering Model





MAINSTREAM
RENEWABLE
POWER

SUMMARY

**Steve Clarke,
UK Content Manager,
Mainstream & SMart Wind**