

Vind-workshop om arealplanlægning på Örenäs Slott 26.-27. nov. 2008

Experience from Public Participation
Programmes in UK

Rationale

- Hvordan undgås eller mindskes nabokonflikter og NIMBY-effekter i den lokale vindmølleplanlægning og i myndighedernes interesseafvejning? Hvordan sikres ligefrem et lokalt engagement i vindmølleudbygningen? Under temaet sættes fokus på kommunikation mellem lokale myndigheder og borgere, og der vil være oplæg om erfaringer fra myndigheder og projektudviklere fra forskellige nordiske lande.
- DONG's experience is only from offshore projects,
- But virtually no wind farms are being built onshore due to endless protest from neighbours and NGOs
- In UK Public Participation is the responsibility of the Developer

In the planning phase – inform and ask of opinion from:

- **Statutory Consultees (must be heard),**
 - e.g. Natural England, Ministry of Defence, Local County Council
- **Non- Statutory Consultees (should be heard),**
 - e.g. Royal Society for the Protection of Birds, National Federation of Fishermen's Association
- **Other Stakeholders (could be heard)**
 - e.g. neighbours, local NGO groups

Public exhibitions

- Some months before the exhibitions were scheduled, conducted extensive site visits to determine a range of conduits for publicising information about the proposals and the accompanying public exhibition.
- Identifying the most suitable venues for the exhibition; the key newspapers serving the local area and likely outlets for both distributing information about the proposal and displaying posters advertising the exhibition.
- Adverts were placed in a selection of local newspapers to ensure the public were aware of the exhibitions and to encourage them to attend. Posters were additionally distributed to various local businesses and organisations to raise the profile of the exhibitions.

Info Leaflet



Public exhibition

Proposed offshore wind farm Westermost Rough

DONG Energy is proposing to build an offshore wind farm of up to 78 turbines, 8km off the coast between Flamborough Head and Spurn Point.

The project would generate clean electricity with a low carbon footprint, equivalent to the annual electricity needs of 150,000 households.

The draft plans for Westermost Rough offshore wind farm will be on display for public viewing:

- Tuesday 10 June, from 12 noon to 7pm
SHoRes Centre, 29-31 Seaside Road, Withernsea
- Wednesday 11 June, from 12 noon to 7pm
The Floral Hall, Esplanade, Hornsea
- Thursday 12 June, from 12 noon to 7pm
The Spa, South Marine Drive, Bridlington

The DONG Energy team will be present to answer any questions and hear your views.

If you are unable to attend the exhibitions in person you can find out more about the plans online at www.dongenergy.com/WestermostRough

For further information please call Alison Hill or Jo Reeves on 01868 352720.

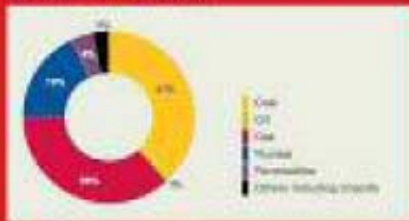


Displayed Posters



Why offshore wind is important

FIG 10 ELECTRICITY GENERATION MIX



Source: BEIS

Source: BEIS, 2007 – Energy White Paper

As of 2005 the UK was only generating 4% of its electricity from clean renewable energy sources with gas and coal providing a further 55% and nuclear 23%. Rising gas prices and the need to reduce emissions from coal fired power plants coming off-line since the UK needs to increase overall clean sources of electricity by seven fold over the next twelve years. Harnessing the power of offshore wind will be vital in meeting these targets.

Government and business alike have acknowledged that increasing renewable energy sources in the UK is fundamental if we are to combat climate change by meeting carbon dioxide emission reduction targets and move away from our reliance on finite resources, such as gas and coal. If we are to meet our year-wide targets of supplying 20% of energy requirements from renewable sources by 2020, and at least 50% by 2050 in the UK, there is a strong need for increased renewable technology.

Wind energy is the most advanced of the available options, and is close to cost-competitiveness with traditional energy supplies. The UK has ideal conditions for optimum generation of electricity from the wind, and is estimated to have at least one third of total European potential in offshore wind resource – enough to power the country several times over.

The UK has been identified as the best market to roll out wind energy in the world, due to its combination of wind resources, strong offshore regime and the existence of the relevant UK legislation, the Renewables Obligation, to 15.4% by 2015.

A number of factors influence site selection, including relatively shallow waters (less than 50 metres) and available grid connections. Key constraints focus on considerations such as other seabed users, navigation routes, the fishing industry, shipping channels and wildlife.

DONG
energy

Displayed Posters

Viewpoint 2: Seaside Road/Central Promenade, Withernsea – this shows the point of the coast that is closest to the proposed development.



Viewpoint 6: In this viewpoint, only the tip of one blade is visible, demonstrating minimal visual impact.



Seascape and visual assessment

The seascape and visual assessment examines the extent that Withernsea Rough is likely to be visible and shows the effect on the character of the landscape and seascapes. This identifies the areas where it may be possible to see any part of the proposed development from a listed range of sensitive viewpoints. These include, but are not limited to, views enjoyed by local residents, those travelling through the area and those visiting the area for recreational purposes.

As part of the process a number of representative viewpoints are selected and a detailed visual assessment is carried out. The assessment method for this follows recognised practice and uses computer generated photographs and wireframes to create the anticipated view.

As an example, Viewpoint 2 is located on the Central Promenade in Withernsea and faces back to the west of the proposed wind farm. It shows the anticipated view from the nearest viewpoint along the Holderness Coast. This will be most relevant for visitors to the beach at Withernsea, but is also representative of views available to others, such as local residents and travellers along the coastal road.

Exhibition Leaflet



Site studies

Various studies are underway to assess the potential for the wind site. The Environmental Impact Assessment (EIA) will assess a range of options both in terms of siting of turbines and in terms of the layout of the turbines. The EIA will also assess the potential for the site to be used for other purposes, such as for a marina or for a residential development.

The EIA will also assess the potential for the site to be used for other purposes, such as for a marina or for a residential development.



Onshore details

Onshore details will be provided for the site, including details of the layout of the turbines and the layout of the roads and other infrastructure.

The onshore details will be provided for the site, including details of the layout of the turbines and the layout of the roads and other infrastructure.



DONG Energy vision

DONG Energy is committed to providing clean, secure and sustainable energy for the world. We are focused on the development of renewable energy sources, such as wind, solar and hydro. We are also committed to providing a secure and reliable energy supply for our customers.

DONG Energy is committed to providing clean, secure and sustainable energy for the world. We are focused on the development of renewable energy sources, such as wind, solar and hydro. We are also committed to providing a secure and reliable energy supply for our customers.

Project timeline

- 2010 - Project start
- 2011 - Planning and consent
- 2012 - Construction start
- 2013 - Construction completion
- 2014 - Start of electricity generation

For further information please contact:
 Mark James, Project Manager
 mark.james@dongenergy.com
 www.dongenergy.com/westmostrough



Who we are

DONG Energy is the world's largest renewable energy company. We are focused on the development of renewable energy sources, such as wind, solar and hydro. We are also committed to providing a secure and reliable energy supply for our customers.

DONG Energy is the world's largest renewable energy company. We are focused on the development of renewable energy sources, such as wind, solar and hydro. We are also committed to providing a secure and reliable energy supply for our customers.

Our wind energy activities

DONG Energy is the world's largest renewable energy company. We are focused on the development of renewable energy sources, such as wind, solar and hydro. We are also committed to providing a secure and reliable energy supply for our customers.



Why offshore wind?

Offshore wind is a clean, secure and sustainable energy source. It is also a reliable energy source, as it is not affected by weather conditions. Offshore wind is also a cost-effective energy source, as it has a long life span and low operating costs.

Offshore wind is a clean, secure and sustainable energy source. It is also a reliable energy source, as it is not affected by weather conditions. Offshore wind is also a cost-effective energy source, as it has a long life span and low operating costs.

Project details

The Westmost Rough wind farm is a 100MW wind farm. It is located in the West of England, near the town of Westmost Rough. The wind farm is owned and operated by DONG Energy.





Who attends wind farm exhibitions

- People that are strongly for wind farms
- People that are strongly against wind farms,
or at least that particular wind farm

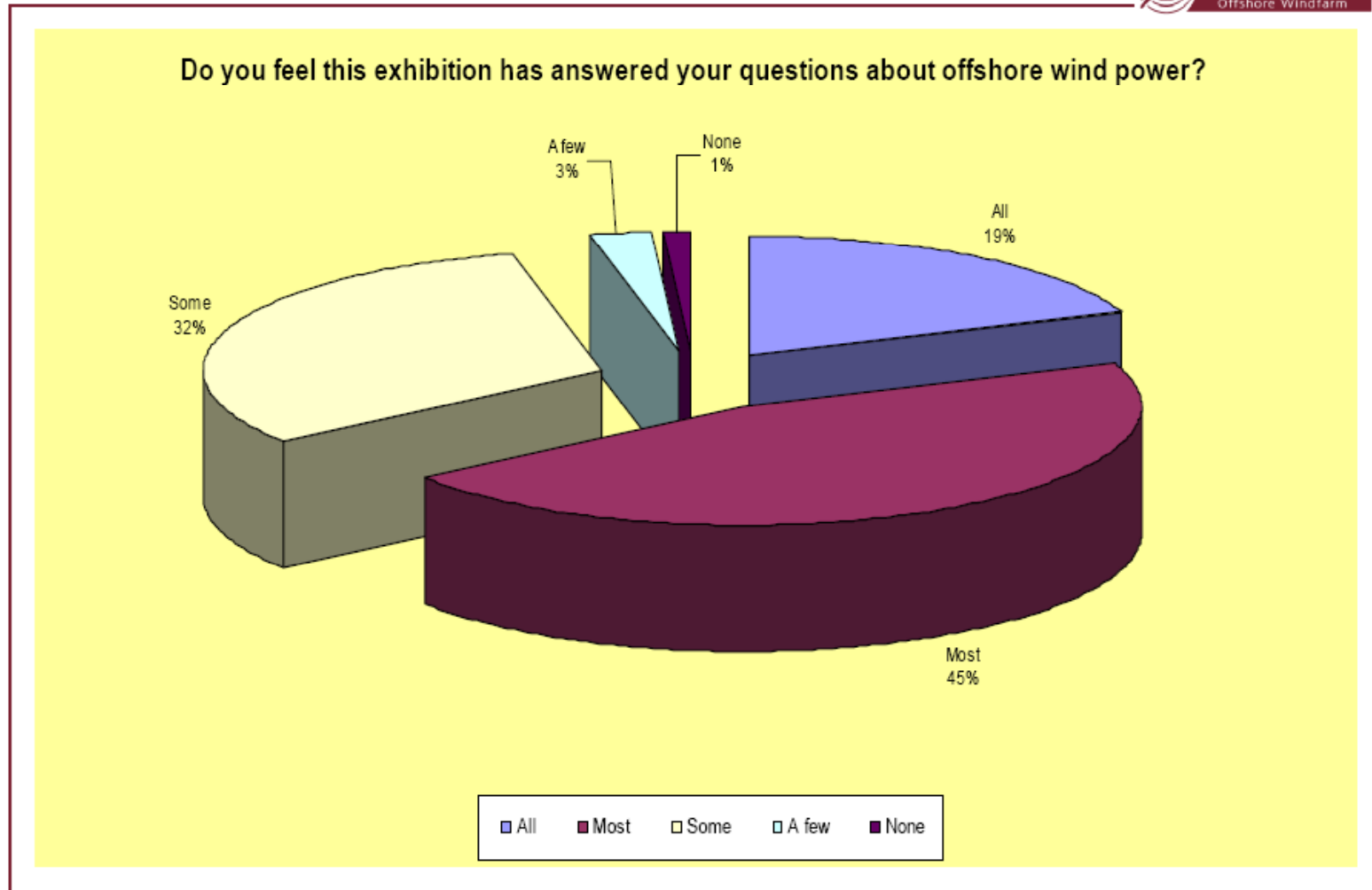
- How do we know
- Questionnaires

Two examples from public exhibitions (3)

(Walney Offshore Windfarm left and Westermost Rough Offshore Wind Farm right)

- Average number of attendants :129
 - Strongly for wind farm: 53%
 - Strongly against: 4%
- Average number of attendants : 76
 - Strongly for wind farm: 69%
 - Strongly against: 14%

Does people think that public exhibition is worthwhile



15

Does people think that public exhibition is worthwhile

Westermost Rough Offshore Wind Farm

- 81 per cent found the exhibition informative or very informative
- 3 per cent were unsure, and 6 per cent did not find the exhibition informative.

Hvad er udbyttet af udstillingerne (exhibitions)?

- Udbytterigt men ressourcekrævende
- Konflikter og oppiskning af stemning indgås pga. dialog ansigt til ansigt
- De positive og neutrale høres i langt højere grad end ved folkemøder
- Det er muligt at give mere nuanceret og detaljeret information
- Diskussioner/dialog bliver dybere og mere personlig