

Rampion Community Benefit Launch

November 2017

Rampion Offshore Wind Ltd.



Rampion
Offshore Wind

Rampion Offshore Wind Ltd (ROW) is owned by E.ON, Enbridge and UK Green Investment Rampion Ltd (a consortium of Macquarie and USS)

E.ON remains the construction and operations service provider for ROW

Presentation Overview

1. Historic milestones
2. Project considerations and challenges
3. Community consultation
4. Final design
5. Rampion in the community
6. Project benefits
7. Community announcements

1. Historic milestones

Jan 2010: E.ON awarded exclusivity to develop 'Zone 6' off Sussex coast

2010-11: Early engagement, engineering & environmental surveys

2012: Consultation on draft proposals

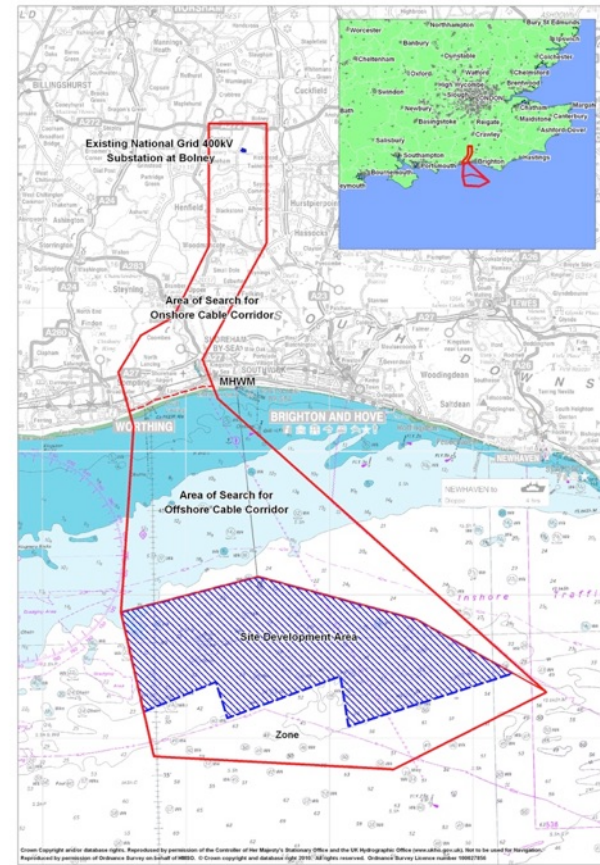
Mar '13: Submit Development Consent application of final proposals

Jun '13: Planning Inspectorate Examination of application

July '14: Development Consent Award

May '15: Final investment decision

Sept '15: Construction commences



2. Project considerations & challenges

- Complex offshore site with varying bathymetry, challenging geology & UXOs
- Cable landfall must be close to high density residential areas
- 27km onshore cable route over National Park, main roads, railway & river
- Population approaching 1 million including a heavily populated coastline
- Nearest to shore of all Round 3 projects (13km)
- Visible on a clear day from Beachy Head to Selsey Bill (approx 90km E - W)
- Economy relies heavily on tourism, with key tourist destinations



- High level and diverse offshore commercial and recreational activity
- Several local ports and marinas nearby
- No commercial wind farms in Sussex

3. Community consultation

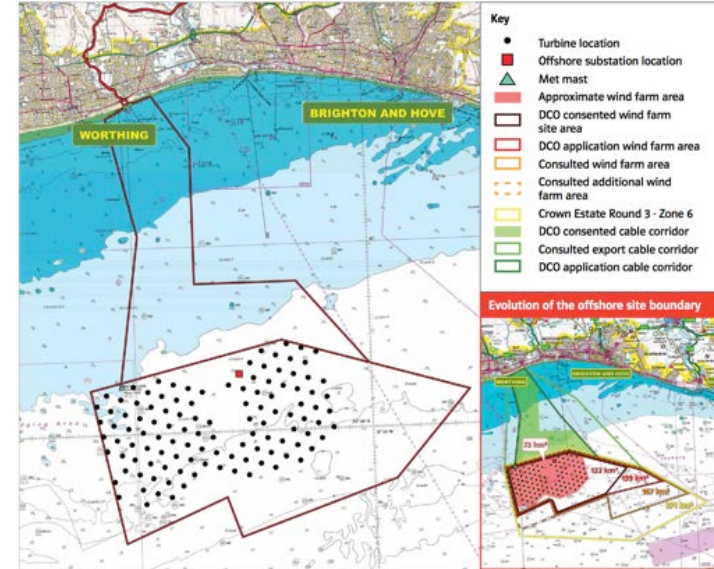
- MP, media & stakeholder preview events
- Consultation flyer sent to 390,000 households and poster campaign
- Press & radio ads, emails to 2,500 groups
- Links to council & neighbourhood webs
- Over 4,700 people attended 14 events, 860 people attended Worthing Event
- 1,500 written consultation responses
- Developed good relationships - presentations to councils & local groups
- Established Project Liaison Groups and Fishing Working Groups
- 220 pieces of news coverage (TV, Radio, Newspapers, Internet)
- Continued engagement in preparation for, and during construction



Left: Worthing Exhibition

4. Final design - offshore

- 13 - 20km (8 - 12miles) off Sussex coast / 72km² site area
- 116 x 3.45MW MHI Vestas turbines on monopile foundations
- 400MW installed electrical capacity
- Hub height 84m / Tip height 140m / Blade length 55m / Rotor diameter 112m
- Offshore substation on four-leg jacket foundation transforms power up to 150kV
- 12 strings of subsea array cables connect to the offshore substation to transform power up to 150kV to reduce losses
- 2 x subsea export cables transport power over 16km to landfall at Brooklands



Final design - onshore

- Landfall at Brooklands, East Worthing / Lancing
- 27km underground cable route carrying 2 x 150kV circuits installed using trench and ducting method
- 4 drills: beach & A259, Railway, A27 and River Adur & A283
- New Twineham substation connecting to 400kV National Transmission Grid next to existing NG Bolney substation
- Engagement with Local Liaison Group on final layout design to reduce site area, size of buildings, protect hedges & trees
- Constructed under development consent requirements e.g. Management Plans for environment, traffic, noise, ecology & landscape, archaeology, PRowS
- Management Plans approved and works monitored by discharging authorities, WSCC & SDNPA



Ready for
construction...



5. Rampion in the community

Jobs, skills and supply chain

- Recognise importance of securing local & UK content to supply products and services for major project
- Rampion Supply Chain Steering Group in partnership with local authorities
- Meet the Buyer Event, Amex, Feb 2014, attracted 300 suppliers (mostly local)
- Three focused Meet the Buyer Events in 2015-16 highlighting opportunities for subcontracts
- **Local suppliers encouraged to register on database at: www.sussexwindenergy.org.uk**
- Intended as supplier “search portal” for the project and contractors
- Details of supplier database was provided in all tender documentation



Skills training and education

- Joint active local recruitment drive with MHI Vestas with exclusive focus in Sussex
- Engagement with local higher education institutions to encourage applications for 2 x Wind Turbine Maintenance Apprentices each year, for the first three years, with more to come
- Commitment to focusing recruitment in local area, with specific advertising campaigns in Sussex
- Support for Newhaven University Technical College
- Working with Sussex EBP to identify possible 'feeder schools' for Rampion jobs and placements
- Exhibited at Worldskills Careers Fair in Brighton, Worthing College Recruitment Fair and Big Bang event at Northbrook



Construction communications

- Ongoing engagement with commercial fishermen and charter boat owners
- Company Fishing Liaison Officer & Offshore Fishing Liaison Officers
- Diving Liaison Officer and dedicated event for dive clubs and other sea users
- Publication of information sheet, issue charts & notices to sea user organisations
- Weekly Notice of Operations and Notices to Mariners (highlighting safety zones and hazards) emailed to sea users



- 4 x pre-construction exhibitions along cable route
- Letters to residents & businesses near cable route
- Local Liaison Group and letters to local residents to provide updates on substation construction
- Freephone helpline for enquiries

New Rampion website now live



info@rampionoffshore.com 0800 280 0886

About Rampion

The Wind Farm

In the Community

The Environment

Newsroom

Contact



[Home](#) > [In the Community](#) > [Community support](#)

Rampion in the community

Rampion Offshore Wind has been involved with a number of community initiatives since the award of the licence to develop the seabed.

Our aim has been to meet community expectations while fulfilling our own strategic objectives and requirements for local involvement.

- Our exciting new website is now live at:
www.rampionoffshore.com
- Long term platform for operational life of scheme
- Keep a look out for news updates
- View our construction photo gallery
- Find out how wind energy works



6. Project benefits

Next steps: Completion works, commissioning and testing for full operation in 2018, and reinstatement

- Generate 1,366 GWh of power output from a 'home grown' clean, sustainable energy source
- Supply annual average equivalent of almost 350,000 homes, around half the homes in Sussex
- Offset around 600,000 tonnes CO₂ annually
- Up to 750 in construction workforce at peaks with local supply opps and trickledown benefits to local economy
- Catalyst for regeneration of Newhaven Port
- Create approx. 60 full-time jobs for project lifetime (20-25 years)
- Visitor Centre on the Sussex coast and Community Benefits Fund...



7. Community announcements

Rampion announces a **£4 million community package**, with three key elements:

- £100,000 donation to local RNLI stations who help save lives at sea
- £800,000 investment in a Rampion Visitor Centre
- £3.1million Rampion Fund for local projects to benefit the Sussex community



Rampion Visitor Centre

- Visitor Centre will be located in the newly refurbished seafront arches in Brighton, just east of the i360
- Considered 10+ venues in Brighton and Worthing

Location chosen due to:

- High footfall (12million visitors a year)
- Seafront location with view of wind farm
- Excellent public transport connections
- Floor space area
- Newly refurbished

Currently being let free of charge to local artists



Rampion Visitor Centre

The Rampion Visitor Centre will:

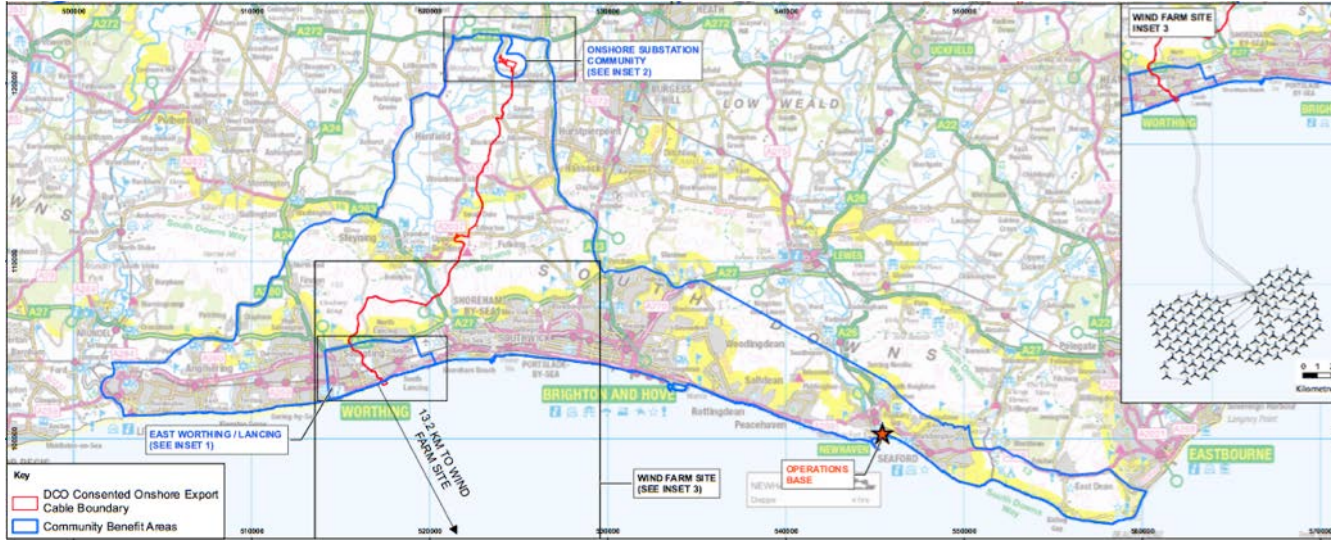
- Tell story of Rampion from a technical, environmental and community perspective
- Raise awareness of climate change, renewable energy, offshore wind and The Living Coast Biosphere designation
- Utilise the latest interactive displays and exhibitions



- Engage with local schools and colleges to give students access
- Be freely available for residents, businesses and visitors alike
- Open in summer / autumn 2018

£3.1million Rampion Fund

- A voluntary commitment to support community projects from Littlehampton to Beachy Head and north to Twineham, which we hope will make a real difference
- Specific ring-fenced funds for East Worthing & Lancing and the onshore substation community recognising the two onshore areas where the project has had a greater presence
- Recognise Rampion as a permanent neighbour in the community and thank you for engaging with us



For information on how to apply, visit:

www.sussexgiving.org.uk/rampion

A large red and white service vessel is positioned in the center of the frame, surrounded by several offshore wind turbines. The vessel has multiple tall, dark red vertical structures and a large crane on its deck. The wind turbines are white with yellow bases and are scattered across the horizon. The sky is overcast and grey, and the water is a calm, dark blue-grey. The text "Thank you for listening" is overlaid in white on the left side of the image.

Thank you for listening

November 2017
