



RWE

Case study : Rampion Offshore Wind Farm - Coexistence of Tourism and Offshore Wind

Rampion Offshore Wind Farm – a case study

- Overview of the Rampion Wind farm
- Engagement & Consultation
- Development – assessing the impacts / concerns
- Construction – Marine Users
- Operations – A tourist attraction
- Conclusions



Our offshore assets In operation

3.3 GW² in operation



In operation

- 1 **Galloper**
UK, 353 MW¹ (88 MW²)
- 2 **Greater Gabbard**
UK, 504 MW¹ (252 MW²)
- 3 **Gwynt y Môr**
UK, 576 MW¹ (288 MW²)
- 4 **Humber**
UK, 219 MW¹ (112 MW²)
- 5 **London Array**
UK, 630 MW¹ (189 MW²)
- 6 **Rampion**
UK, 400 MW¹ (200 MW²)
- 7 **Rhyl Flats**
UK, 90 MW¹ (45 MW²)
- 8 **Robin Rigg**
UK, 174 MW¹
- 9 **Scroby Sands**
UK, 60 MW¹
- 10 **Triton Knoll**
UK, 857 MW¹ (506 MW²)
- 11 **Thornton Bank**
BE, 325 MW¹ (87 MW²)
- 12 **Alpha Ventus**
DE, 60 MW¹ (16 MW²)
- 13 **Amrumbank West**
DE, 302 MW¹
- 14 **Arkona**
DE, 385 MW¹ (193 MW²)
- 15 **Nordsee One**
DE, 332 MW¹ (50 MW²)
- 16 **Nordsee Ost**
DE, 295 MW¹
- 17 **Rødsand 2**
DK, 207 MW¹ (41 MW²)
- 18 **Kårehamn**
SE, 48 MW¹
- 19 **Kaskasi**
DE, 342 MW^{1,2}

¹ Total installed capacity | ² Net pro rat capacity as of 13.03.2023 | World map not set to size and proportion

Development timeline

Development Timeline

January 2010

The Crown Estate award exclusivity to a development area off South Coast .

2010 – 2013

Early engagement, engineering and environmental surveys, including consultation on draft proposals

March 2013 – July 2014

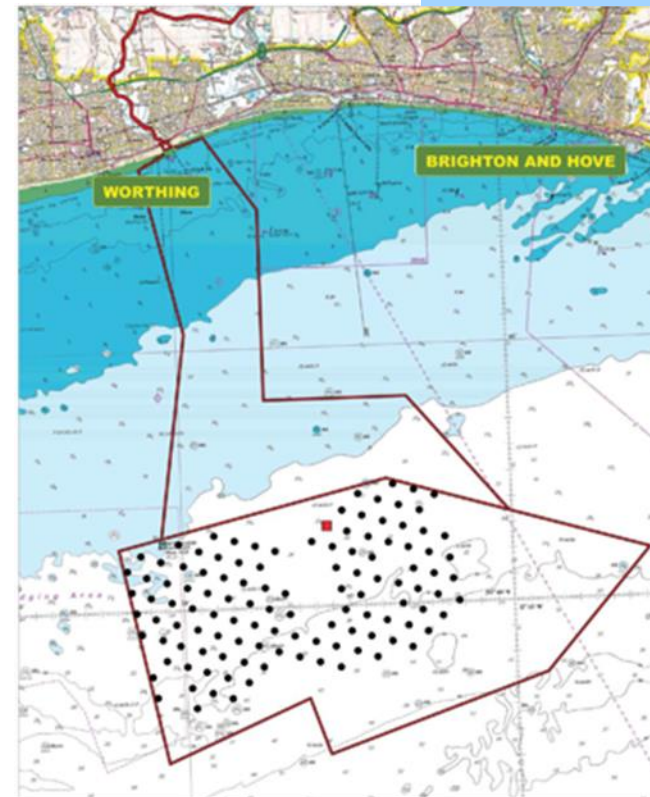
Consents application submitted to Planning Inspectorate, examination and consent award

May 2015

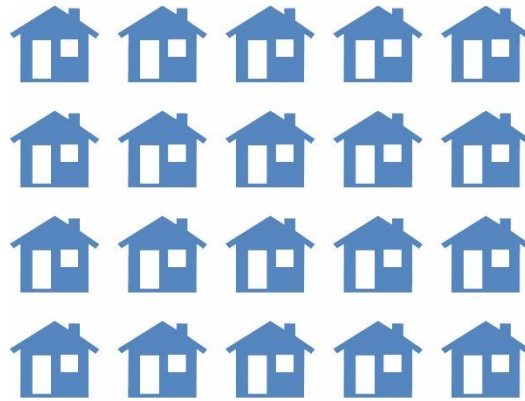
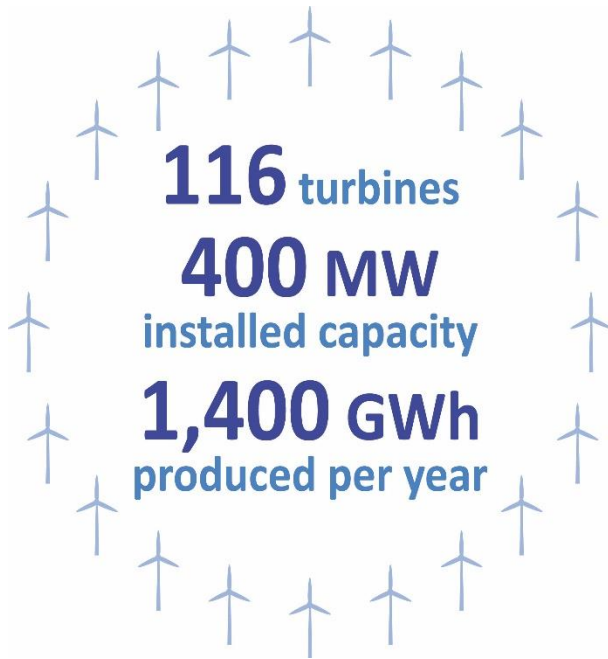
Financial Investment Decision .

September 2015 – October 2018

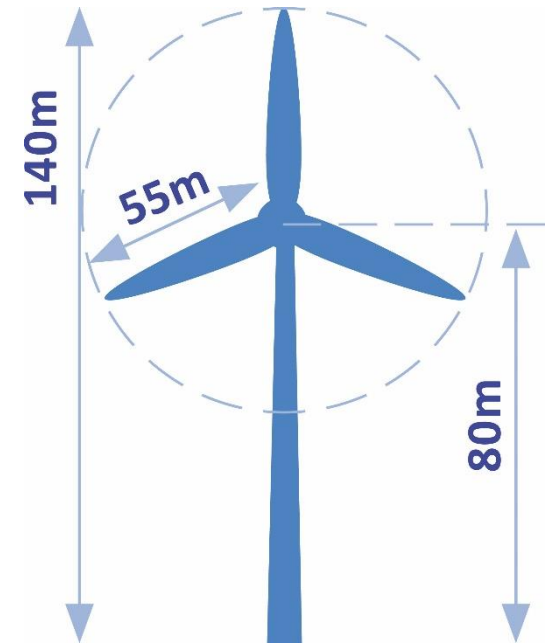
Construction of wind farm through to operation



Rampion offshore wind farm - in numbers



350,000
homes supplied



Early Engagement

- **Be accessible** - local office and Development Manager
- Involve the community - **Schools naming competition** and public vote choose 'Rampion', County flower of Sussex
- Identify and inform **key stakeholders** - MPs, councils and influential local stakeholder organisations
- Set up **Project Liaison groups** – to share and discuss proposals – outreach to community

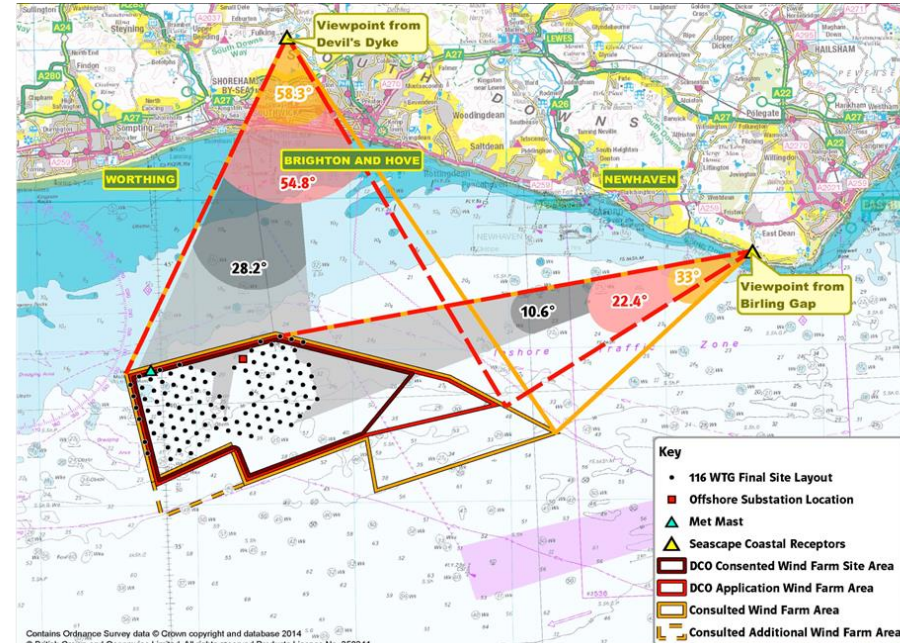


Development – Concerns of Visual impact

Concerns raised by South Downs National Park Authority and Natural England regarding impact of turbines within the seascape

Assessed impacts from key locations along the coast and within the National Park

Refined design to mitigate the impact from sensitive locations



Photomontage View from Brighton Sea Front Promenade

Viewpoint title : Brighton Sea Front Promenade
 Grid reference : 531202, 103630
 Direction of view : 100°
 Included angle of view : 120°
 Elevation : 6m
 Date of photograph : 19th September 2012
 Time of photograph : 13:00
 Camera type and lens : Nikon D7000 digital SLR camera with a 35mm lens to achieve the same view as that of a 50mm lens on a standard 35mm film SLR camera
 Camera height above ground : 1.6m
 Wind farm layout : Final 116 WTG layout
 Distance to nearest (Rampoon) turbine : 13.9km
 Distance to furthest (Rampoon) turbine : 24.9km
 Correct viewing distance : 31km
 Number of turbine blade tips visible : 116
 Number of turbine hubs visible : 116

VP12: Brighton Sea Front Promenade
 Photomontage View
 Final 116 WTG Layout

Rampoon Wind Farm

Construction impacts – Marine Users

Set up Working groups with commercial fishermen and charter boat owners – Co-operation Agreements

Fisheries Liaison Officer and Diver Liaison Officers appointed

Diver & Sea Users Fact Sheet & laminated charts

Presentations to Yacht and Sailing clubs



Safety First

- Safety zones established and communicated
- Notices on public slipways, dive shops
- Notices to Mariners
- Protocol in place for construction vessels
- Guard vessels
- Construction photo and video record
- Charts updated and hazards noted

Operations – A tourist attraction

Commercial fishing, recreational fishing and diving activities resumed in area with no restriction to movement

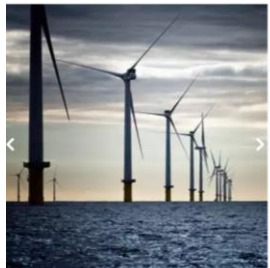
Local charter boat owners have amended their business model to promote site visits to the Rampion Wind Farm

Offer visits to key stakeholders – opportunity to lobby and network

Offer media trips to trigger positive coverage on local TV, radio, websites and social media



Days Out Attractions & Tickets Wind Farm Tours Brighton



Wind Farm Tours Brighton

Brighton Marina, East Sussex 📍
REF: BDTOUR

- Get up close to Rampion Wind Farm on a boat trip
- Shared & private charters are available
- The farm has 161 of the 140m-high wind turbines
- A 2 to 3hr voyage, returning via Brighton sea front

This voucher includes

- ✓ 365-day Exchange
- ✓ Instant E-Voucher
- ✓ Same-day Dispatch
- ✓ Choice of Packaging
- ✓ Valid for 12 Months

Choose an option:

No. of People	Option	Price
1	Rampion Wind Farm Tour BDTOUR	£ 55.00
	Exclusive Wind Farm Tour WFTEXC	£ 549.00

Shop Early for Christmas!
FREE Extended voucher validity until 26th December 2024

LET'S CHAT!

Rampion Visitor Centre

- **Early commitment** recognising tourism interest
- Looked at a number of venues & locations - **demonstrate local and tourism interest** in the wind farm and supports positive PR
- **Seafront location with view of the wind farm**, with high footfall and excellent public transport links

The Rampion Visitor Centre:

- **is free for all** and engages schools from across Sussex
- tells the story of Rampion from a technical, environmental & community perspective
- **raises awareness of climate change**, renewable energy, offshore wind
- utilises the latest **interactive displays** and exhibitions



Conclusions

Importance of **early engagement** with the community - concerns due to a lack of understanding and fear of the unknown

Listen to opinions, and **work together** to mitigate impacts – through design, notification and information sharing

Communication is key – understand what is proposed, how it can be influenced, and how we can co-ordinate and co-exist.

Share the opportunities – offshore wind farms can become a tourist attraction, and diversification for local vessel users

Consider a **Visitor Centre** – engaging with local community, visitors and providing an educational facility for all



RWE

Thank you for listening

A decorative graphic in the bottom right corner consisting of numerous thin, white, curved lines that create a sense of motion and depth, resembling a stylized wave or a grid of lines curving away from the viewer.