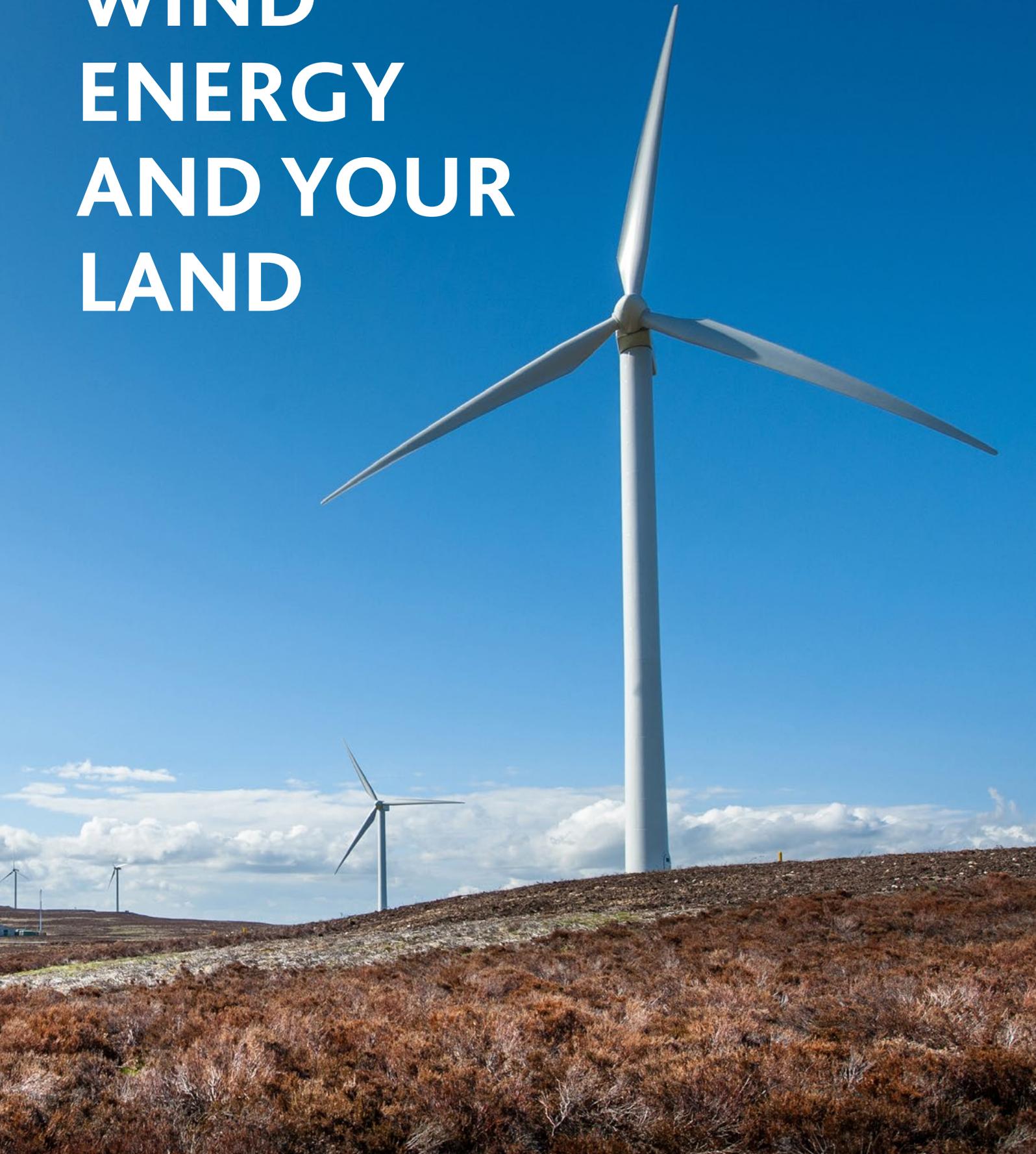




WIND ENERGY AND YOUR LAND



WIND FARMS & your land

Wind turbines and farmland can work very well together, but choosing the right partner is critical.

RES works with landowners, farmers and estate managers to develop projects of outstanding quality. We know how to optimise energy generation while minimising the impact on land activities.

Landowners who choose RES as a partner will benefit from the following:

- » **Regular income**
- » **Minimal disturbance to existing land activities**
- » **Complete project management**
- » **Contribution towards reasonable legal fees**
- » **Restoration of land at end of project lifetime**
- » **Greener energy**

WHAT IS INVOLVED IN HOSTING A WIND FARM?

Establishing whether your land has potential to host a wind farm is fairly straightforward and RES uses the latest satellite technology to pinpoint sites and assess their suitability.

Once a site is confirmed as having potential, negotiations for the Option to Lease terms take place. RES will contribute towards reasonable land agent and legal fees incurred throughout the wind farm's development and operation.

When the terms have been agreed, the landowner will receive an annual payment through the development phase until the lease is exercised when construction begins. If appropriate RES will install a met mast to measure the wind regime on site during the development phase.

Ensuring that our wind farms work with your land is a priority for RES. We will seek to position the turbines adjacent to existing access tracks or field boundaries to minimise the land take. The tracks and hard standing areas adjacent to the turbines generally remain in situ for the lifetime of the wind farm, while other areas are restored after construction is completed. Unless agreed otherwise, RES will also undertake to restore the land to its former condition at the end of the project's lifetime.

RES undertakes all the work connected with preparation of a planning application, including public consultation and negotiations with key stakeholders. As part of the planning process, an Environmental Impact Assessment (EIA), which includes wildlife and habitat surveys, will be undertaken.

RES will ensure that any habitat management scheme proposed as part of the development will be complementary to existing management already in place: such as Environmental Stewardship Schemes, Biodiversity Action Plans or Woodland Grant Schemes. RES will compensate for loss of income incurred under these schemes.

WHAT HAPPENS DURING CONSTRUCTION?

RES takes into account current land activities when programming construction to minimise disruption. RES will consider activities such as lambing, shooting, planting and harvesting when programming work, and keep in close contact with the landowner throughout the construction phase. RES will also pay compensation for any crop loss that occurs during the construction period.

Once a wind farm is operational, livestock and arable farming can continue as normal, right up to the edge of the infrastructure. Sheep, cattle and other livestock will happily graze under turbines, and crop harvesting continues unaffected. The wind farm will provide the landowner with a stable and regular income for up to 25 years.

At the end of the wind farm's life, all of the wind turbines and most of the associated infrastructure in line with best practice guidance are removed to an agreed depth. Concrete foundations below one metre would also normally be left in place, while access tracks may be retained or removed depending on the landowner's requirements. Habitat Management Plans agreed with the Local Authority and the Landowner may remain in place after the wind farm has been decommissioned; however the ground surface would be fully restored and most, if not all, visible signs of the wind farm would be removed.

TIMELINE

FEASIBILITY

Landowner paid exclusivity payment

Initial site investigations

Negotiation of the Option and Lease Terms

DEVELOPMENT

Landowner paid an annual Option fee

Detailed site investigation work carried out

Wind speed measurement started

Environmental Statement prepared

Consult the local community and key stakeholders

Planning application submitted

Discharge planning conditions

CONSTRUCTION

Construction typically takes 12-18 months

Lease commences and rental payments begin

OPERATION

Wind farm operating period (typically 25 years)

Annual rental payments

Decommissioning (6-12 months)



Turbine blades awaiting installation during construction of RES' Wadlow Wind Farm in Cambridgeshire

OUR LANDOWNERS



"Working with RES gave me complete peace of mind. I was fully consulted at all stages of the wind farm project, and at no point was my working of the farm significantly disrupted. I would highly recommend them to anyone looking to benefit from having wind turbines on their land."

John Latham, Wadlow Wind Farm



"I have worked with RES for the last 20 years and they have kept me fully informed at all stages throughout the project. The construction process has been a dream and there has been minimal disruption to my farming operations. We can now graze our sheep right up to the turbine towers and the road network is going to improve our ability to manage our hill farm more efficiently."

Richard Holman-Baird, Meikle Carewe Wind Farm

"RES are doing a great job. It's been very interesting working with RES and following the development of the design through different stages. We have always felt well informed and up to date with the process. A thoroughly professional and competent company."

Marc and Isobel Henkelmann, Barclay Hill Wind Farm

"I'm only going to get the chance to do one wind farm on my land and I'm glad I chose RES to do it: they've been friendly, courteous and professional and always keep me up to date."

David John, Garreg Lwyd Wind Farm



ASSESSMENT of site potential

Sophisticated mapping software enables RES to identify suitable wind farm sites in the UK, which includes a planning feature to pinpoint turbine locations according to a number of constraints. This software approach is coupled with site visits by the project team, which help to ensure a detailed understanding of any site before the project plans progress.

More than 30 years experience of wind farm development has provided RES with the industry-leading skills and expertise to ensure all of the information needed to design the project is obtained as early as possible.

Choosing a site involves the consideration of a whole range of technical issues such as:

- » **Wind speed**
- » **Suitable grid connection**
- » **Good transport access**

There are also further site specific considerations:

- » **Nature designations**
- » **Ecology and archaeology**
- » **Proximity to houses**
- » **Hydrology**
- » **Aviation interests**
- » **Landscape and visual effects**

RES takes great care to ensure that each wind farm and the individual turbines are sensitively located to reduce their effect on wildlife, people and the landscape. Environmental Impact Assessments (EIA) are a compulsory part of the planning process for wind farms.

RES' in-house team of environmental specialists includes some of the leading experts in the industry on specific issues such as noise and aviation.



RES' Tallentire Wind Farm in Cumbria can generate up to 12MW of renewable electricity.

ABOUT RES

what we do

RES is a privately owned UK company and one of the world's leading independent renewable energy project developers. Drawing on decades of experience in the renewable energy and construction industries, RES has the expertise to develop, construct and operate wind farms of outstanding quality. Our track record has given us a reputation for excellence that is second to none.

RES has an impressive track record in project delivery around the world. Our core activity is the development, design, construction, financing and operation of wind farm projects worldwide. RES has developed and/or built more than 8,000 megawatts (MW) of wind energy capacity worldwide. In the UK alone, RES has more than 1,000MW of wind energy projects either constructed, under construction or consented and several thousand megawatts in its development portfolio.

RES is one of the only companies in the UK with the capability to manage the entire process of delivering a wind farm from start to finish.

Our in-house skills and expertise encompass all aspects of project delivery:

- » **Site prospecting and assessment**
- » **Wind farm design**
- » **Environmental impact assessment**
- » **Financial and legal**
- » **Public consultation**
- » **Turbine procurement**
- » **Construction**
- » **Operation and maintenance**

Working with RES means that you only ever have one company to deal with throughout the development process. We handle all aspects of the project development including liaising with consultants, the planning authority, the public, media and the construction contractors.

RES' success has been acknowledged with a number of awards for commercial achievement, environmental commitment and innovation, including the UK's most prestigious business awards: The Queen's Award for Enterprise in the Sustainable Development Category in 2005 and for International Trade in 2013.

We take our commitment to quality and the environment very seriously and we are certified under ISO9001 and ISO14001.

Cover photo: RES' Meikle Carewe Wind Farm in Aberdeenshire became operational in 2013.

The statements made in this brochure are not intended to be legally binding and are made without prejudice and subject to contract.

TO FIND OUT MORE:

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