



## ENVIRONMENTAL SERVICES

**Providing scientific, technical, and advisory services to developers of onshore and offshore wind energy - the world's fastest growing energy source.**

As an international consultancy, Ramboll works with clients to help resolve their most challenging environmental and health issues.

For more than 30 years, we have been recognised as one of the foremost environmental specialists and as a technical leader and innovator. We have been ranked amongst the top 10 leading environmental consultancies globally.

We combine resources across geographic boundaries and technical and scientific disciplines to provide clients with the best, most responsive team - whether responding to existing challenges, evaluating opportunities to improve performance, or seeking to reduce future liabilities.

Ramboll is reputed for combining technical excellence with a strong

commercial awareness, and for helping clients achieve development aspirations by dealing objectively and robustly with the increasing number of environmental constraints and sensitivities that affect onshore and offshore wind developments.

### **Our experience and competences**

Ramboll has extensive experience with onshore and offshore wind energy projects. Our in-house multidisciplinary team of environmental professionals allows us to provide commercially driven project management support and scientific technical services for wind projects including:

- Environmental impact assessments (EIA)
- Environmental and social impact assessments (ESIA)
- Environmental due diligence (EDD)

- Strategic environmental assessments (SEA)
- Technical assessments
- Expert witness

Our experts provide trusted and pragmatic advice, based on our deep knowledge and experience of the wind sector.

For further information, please visit [www.ramboll.com](http://www.ramboll.com) or contact us directly:

### **CONTACT**

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### Environmental impact assessments

Ramboll has extensive, worldwide experience acting as lead environmental impact assessment (EIA) consultant and undertaking technical studies for a range of onshore and offshore wind projects.

In addition to offering EIA lead consultant/project management services, we also provide all of the relevant wind EIA services:

- Ecology
- Ornithology
- Landscape and visual impact assessments
- Noise assessment (incl. underwater)
- Shadow flicker assessment
- Ice fall risk assessment
- Visually oppressive effect assessment
- Archaeology & cultural heritage
- Construction environmental management
- Marine surveys
- Hydrology & hydrogeology

### Environmental and social impact assessments

Ramboll has a demonstrable track record in the management and delivery of international Environmental and Social Impact Assessments (ESIA) projects, to ensure that they meet tender requirements.

Our specialists have an excellent understanding of the specific requirements and practice for ESIA.

We try to eliminate any potential adverse effects by early identification of site constraints, as well as potential opportunities. Our role also involves ensuring that survey and assessment meets international standards, such as the International Finance Corporation (IFC) performance standards.

### Environmental due diligence

Ramboll has extensive experience in completing environmental due diligence in support of transactions that involve renewable energy projects.

We function as lead auditor, undertaking detailed review of the environmental information associated with wind farms, and complete site visits to identify additional issues that may be pertinent to due diligence.

The services we provide include:

- Detailed review of environmental statements and planning consents
- Estimation of costs associated with achieving planning condition requirements
- Identification of financial obligations relating to the environmental impact of the development
- Identification of environmental risks to construction programme



**STRATHY SOUTH WIND FARM**  
39 WIND TURBINES WITH A  
MAXIMUM OUTPUT OF 132,6 MW

**CLIENT**

SSE

**LOCATION**

Sutherland, United Kingdom

**PERIOD**

2011 - 2014

**SERVICE PROVIDED**

Project management and coordination of all additional survey and assessment work for EIA Addendum.



**WIND FARM IN SENEGAL**  
WITH A MAXIMUM OUTPUT OF ~150  
MW

**CLIENT**

Lekela Advisor Ltd.

**LOCATION**

Senegal

**PERIOD**

2014 - 2023

**SERVICE PROVIDED**

Pre- and post- construction, biodiversity assessment including assessment of effects on bats and ornithology.



**CULTURAL HERITAGE STUDY IN  
UPPER RHINE VALLEY**

**CLIENT**

Confidential

**LOCATION**

Germany

**PERIOD**

2016 - 2017

**SERVICE PROVIDED**

Cultural heritage study for a wind farm development in UNESCO world heritage area.