

Example Wind Energy Feasibility Study Scope

Wind energy feasibility studies are often complex due to planning, environmental, and technical considerations. A typical scope may include:

Project Overview

- Overview of the proposed project
- Site location and objectives
- Proposed turbine scale or project type

Site and Constraints Assessment

- Review of site suitability
- Identification of nearby properties, infrastructure, or environmental constraints
- Access considerations

Wind Resource Assessment

- High-level assessment of local wind resource
- Review of available wind data and indicative energy generation potential

Grid Connection Considerations

- Initial review of local grid connection opportunities and constraints

Planning and Environmental Review

- Review of planning policy considerations
- Identification of potential ecology, landscape, noise, aviation, or heritage constraints

Financial Assessment

- Indicative project costs
- Revenue and financial modelling
- Funding and ownership considerations

Stakeholder Considerations

- Identification of key stakeholders
- Community engagement considerations

Risk Assessment

- Identification of key technical, planning, financial, and delivery risks

Recommendations and Next Steps

- Summary of project viability
- Identification of further surveys or assessments required
- Recommended next stages of project development

This is an illustrative example only. The scope of your feasibility study will vary depending on the size, complexity and objectives of your project.