

Renewable Energy Sector—Summary Services Overview

Sol Environment Ltd have an established a core of high value services specifically tailored to the renewable energy and generation sector. Sol are active in all areas of the sector and provide a range of services to project developers, land owners, investors and operators, assisting in both the development and operation phases of a project or scheme. Sol Environment have provided this short summary fact sheet in order provide an outline of these services and provide an overview of where we can assist your organisation.



Project Due Diligence and Technology Appraisal

Project Due Diligence and Independent Technology Appraisal is considered a key process for any parties looking to invest in the renewables sector. Given that the renewable energy sector is an emerging market with a number of technologies still in their infancy, prior technological appraisal is considered an essential initial stage to safeguard any investment.

Sol Environment can provide an independent third party appraisal and technology review of any renewables scheme and provide an assessment the following project aspects:

- Technology feasibility review and assessment against recognised accepted 'Best Available Technology'.
- Regulatory review and assessment against EU BREF guidance and UK Permitting requirements
- Financial Appraisal, ROC's and FIT's assessment
- Assessment of Environmental Permitting and Planning implications.

Site Selection, Suitability Appraisal and Assessment

Sol Environment provide a range of services associated with site selection, land use suitability appraisal and assessment.

We can assist in the site selection process and can help source and select sites based on their location, historical land use, proximity to electrical and gas distribution infrastructure and potential constraints to development. Sol have a track record of assisting the renewables sector in locating and assessing potential sites for future investment and development.

Our services include:

- Site finding, selection and assessment
- Electrical connection proximity /capacity assessments
- Phase I Environmental Review: Evaluates the potential for soil and groundwater contamination liability associated with the current and historical use of a site and surrounding land
- Phase 2 Environmental (Contaminated Land) Site investigation and Assessment

Environmental Planning Sustainability Assessments

Sol can provide Environmental Planning support in all areas of the environmental planning process and the production of environmental statements. We have extensive experience in all core technical chapters across all disciplines.

Sol can provide turnkey management and coordination of environmental statements, EIA's, social economic impact assessment, lighting, land use, transport, water resource and climate change studies.

Environmental Permitting Applications

Sol Environment have unrivalled experience in Environmental Permitting and has been assisting clients with PPC/EPR since the introduction of the Directives. We understand the level of information that is required to ensure that a permit is both swiftly determined by the Agency without committing the client to unreasonable or unworkable operational conditions.

Sol can write, compile and manage all aspects of Part A(1), A (2) or B Environmental Permit Applications and can provide a full range of environmental permitting application support, including early stage BAT assessment and full WID compliance evaluation.

Our experience in this field will assist the client to understand their commitments under the various regulatory regimes.

Operational Compliance Assistance

Sol provides services in relation to emissions monitoring, improvement planning, compliance management and reporting to the regulatory authorities.

This includes permit condition auditing, site condition reports, development of environmental management systems and working plans. We strive to work closely with the plant operator to ensure that the site continues to operate within the conditions of the permit and in compliance with the law in a practical and cost effective manner.

For further information please contact;

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