



technical business solutions

## Renewable Energy Feasibility Studies

The decision to invest in a renewable energy solution to offset traditional sources is often a difficult one to make in isolation.

It also makes a lot of sense to assess whether your current energy usage can become more efficient.

Before committing to a particular scheme a feasibility study is strongly recommended, as it considers all options in a systematic process.

### Renewable Energy Technologies

#### Heat Pumps

Either air, water or ground source, heat pumps extract heat energy from source and transfer it as useful energy.

#### Biomass Boilers

Biomass boilers can use wood pellets, energy crops and waste products as sources of renewable fuel.

#### Photovoltaic Solar Panels

Solar panels absorb heat energy from the sun and convert into electrical energy.

#### Wind Turbines

Harnessing the wind to convert to useful energy is commonplace in the countryside and at sea, but small scale versions may be suitable for commercial and industrial applications.

#### Water Turbines

If you have access to a stream or river, you may have the opportunity to harness this energy for conversion to electricity.



### Independent Advice

TBS has no specific affiliations but has developed strategic partnerships offering commercially attractive opportunities for TBS's clients.

TBS also include a full energy audit to identify 'quick wins' in terms of energy reduction. The development of an energy management strategy takes into account short, medium and longer term targets, including the introduction of renewable energy.

Support funding is often available to develop a renewable energy solution and TBS can help you access these sources.

### Other Services

- Energy Performance Certifications
- Air Conditioning Energy Assessments
- Building Log Book (Part L)
- SBEM and Part L Compliance
- Energy Metering Strategies
- Dynamic Simulation Modelling (DSM)
- Building Services Specifications
- ESOS and ISO 50001

For more information: [www.technicalbusiness.co.uk](http://www.technicalbusiness.co.uk)



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