



## **Carbon Trust interest free loans for energy efficiency projects & Renewable Energy Technologies feasibility studies**

ES Consultancy helps businesses in Park Royal to upgrade their premises and equipment with the help of Carbon Trust interest free loans and to invest in renewable energy technologies through the Feed In Tariffs.

### **Approach**

The type of projects that qualify for the Carbon Trust loans often benefit Park Royal companies since they include building technologies such as lighting, air conditioning, boilers and heating controls as well as industrial process technologies such as compressed air fittings, motors, materials handling equipment and refrigeration.

Each project needs to be assessed on its potential to deliver real energy savings, so having energy calculations carried out correctly, ideally by an independent energy specialist like ES Consultancy, is key to having success with any application.

The Carbon Trust also needs to carry out a credit check and receive certain information, i.e. details about the business registration and energy consumption. Once all the paperwork is completed (including project quotes, invoices, delivery notes and commissioning certificates) the Carbon Trust makes prompt payments.

### **Results**

Energy Solutions Consultancy has already secured several Carbon Trust loans approximately a third of which were for Park Royal businesses such as Alpha Beta Business Centre, where the funds were used for a roof replacement.

**“ES Consultancy was responsible for our achieving substantial savings [circa. £6.5 thousand] in overhead costs and a more comfortable working environment for my staff and tenants.”**

Peter Davies, Alpha Beta Business Centre.

ES Consultancy is currently working with several other Park Royal businesses in lighting and equipment upgrade projects that will save these businesses tens of thousands of pounds at no extra cost for them.



## Viability Studies for Wind Power and Solar PV technologies

### Approach

In the last three years we have audited nearly 100 businesses to assess the possibility of having renewable energy generation in Park Royal, predominantly through the EU's BRET initiative, Buildings Renewable Energy Technologies.



### Results

We have conducted feasibility studies for businesses in Park Royal and neighbouring areas such as wind power for Jascots, Solar PV for Saloria Architects and Solar Thermal for Beta Business Centre, and have overseen renewable energy installation in selected schools in Brent.

We are predicting a great increase in the uptake of these technologies due to the Feed In Tariffs, which make the paybacks of most renewable energy technologies anything from 3 to 10 years. From then on it is free, clean energy, and pure profit.



**Notes:** Carbon Trust offers 0% business loans of £3,000 - £100,000 to help organisations finance and invest in energy saving projects. Anticipated energy savings offset the loan repayments so new equipment should pay for itself whilst the organisation continues to make savings year on year. The loans are government funded and unsecured with a fast and "outcome-certain" application when done by specialists like ES Consultancy. Loans can be repaid over a period of up to 4 years and can reach a combined total of £500,000 per business."

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