



“Working with Global Organisations to Lower Emissions and Save Money”

Green 2020 is a specialist environmental software consultancy providing expertise in the development of *environmental policy, environmental management systems, carbon management systems, real-time energy monitoring solutions and carbon foot print calculation at organisational, supplier and product level.*

Green 2020 is helping global organisations to save money and reduce carbon by developing environmental policies and strategies, through the use of energy saving techniques and real time monitoring and measurement software, by deploying carbon management solutions that measure the output of carbon across the supply chain and the deployment of Green 2020’s fully automated carbon footprint data analyser, Carbonalysis.

Green 2020 has in the last year secured some significant global clients in the investment banking, pharmaceuticals, government and retail sectors and is helping them to reduce energy consumption and measure the carbon performance of their own organisations and that of their supply chain.

To find out more about Green 2020 you can either visit us on the web at www.green2020.co.uk or call us on +44 (0)1223 714928 or +44 (0)844 884 1888.



Green 2020 Limited

Reducing Emissions and Measuring Footprints

Green 2020 provides solutions that enable commercial organisations to measure, manage and reduce Green House Gas (GHG) emissions and therefore save money on their bottom line.

Green 2020's services include measurement and analysis of the organisation's Carbon Footprint, which includes an assessment of how much electricity, gas and water your organisation uses. Green 2020 then implements solutions that reduces energy usage and make what energy you do use more efficient, saving you money and helping to reduce your organisation's adverse impact on the environment.

Services and Solutions provided by Green 2020:

- Carbon Footprint audit and analysis
- Real Time Energy Consumption Monitoring
- Energy Management Solutions
- Cost and Spend Management Reduction Tools
- Carbonalysis: a remotely hosted carbon footprint measurement technology platform for procurement professionals

Green 2020 provides consultancy and technology advice that will:-

- Help you calculate the CO2 content of all your products or services
- Help meet forthcoming legislative requirements, minimising penalties etc
- Enable Companies to compete on green credential optimisation
- Improve efficiency across your procurement and purchasing decisions
- Enable your Supply Chain to be more carbon efficient
- Encourage a switch away from carbon intensive products
- Allow comparison against the Agreed Standard for carbon footprint measurement
- Help your company/organisation to reduce costs
- Increase the level of management information on spend and carbon footprints

Green 2020 has established a strategic partner network, providing additional service and technology solutions including:

- Accredited "Carbon Trust" Technical Surveyors.
- Intelligent Management Controls on heating by gas, oil, LPG and diesel.
- Optimisation of energy use in air conditioning, refrigeration, compressors + other equipment operating with an AC motor. This provides both cash savings and extends equipment life.
- Lighting controls
- Carbon Footprint Calculation.
- Water Conservation and Management.
- Alternative supply arrangements for energy and water.



Green 2020 Services

Consultancy

Business carbon footprint appraisals: Green 2020 calculations are based on energy usage in the office and factory, staff travel (car, train, flights), freight haulage (lorry, ship, plane) and other general business administration activities. We assess CO₂ and all other greenhouse gas (GHG) emissions from your business processes.

Product lifecycle appraisals: Green 2020 considers the impact across all supply chain elements and includes shipping/distribution from the suppliers through to delivery to the end user.

In addition to the above, some customers wish to have GHG emissions assessed during the end use of their products.

Understanding the carbon-offset market: This includes selling offsets to consumers and businesses.

Compliance Audits

Green 2020 provide:

- A detailed understanding of your organisation's current **operating emissions** impact. The report will present the financial risk exposure, and ensure that your organisation's statutory reporting requirements and responsibilities meet the relevant country reporting and/or UK Government reporting guidelines, in line with the Companies Act 2006.
- A list of your organisation's **environmental impacts** in order of significance. We present your company's environmental impacts in quantitative and financial terms, in order to identify the environmental issues which are material to your business both locally and internationally.
- The appropriate **environmental key performance indicators** to be used in the company's Business Review and to ensure the company reports in a way that institutional investors seek and understand. These Key Performance Indicators will be compliant with the Government's environmental reporting guidelines and with the internationally accepted Greenhouse Gas Protocol.
- An **industry benchmark analysis** report of your organisation's environmental performance in comparison to its peers to demonstrate its current position and provide a baseline for the development of future environmental target setting and reporting.
- An analysis of the **environmental impacts** of your organisation's **first tier suppliers** to help your procurement professionals make better informed buying decisions. This can improve business efficiency and help improve your organisation's indirect environmental impacts.
- A **qualitative and quantitative review** process which will track improvements over a multi year programme with access to analysts and expertise to assist with ad hoc queries.

Technologies

Green 2020 provides a comprehensive assessment service and 'best of breed' collection of technology solutions enabling businesses to:



- Visualise detailed utility consumption profiling, from the grand total down to individual room temperature, water outlet or electric plugs. This provides for accurate calculation and visualisation of carbon emissions related to energy and water usage.
- With the aid of the visual impact portrayed by the monitoring technology, we help you to optimise consumption through non-invasive behavioural change including achieving optimal efficiency of existing controls from your building management systems. Carbon Trust trials have shown that the ability to visualise through a user friendly medium straight-away results in a 5% reduction in usage.
- Implement retrofit technologies to reduce energy and water consumption related to heating, lighting, refrigeration, air conditioning and ventilation. Local Authority Housing and Housing Association trials on domestic boilers have shown savings in domestic heating bills and sheltered housing in excess of 25%.
- Where appropriate, using the most advanced processing technology, encourage the use of Bio-Diesel or other alternative fuels in vehicle fleets dramatically reducing or even eliminating carbon emissions and significantly reducing running cost.

Green 2020 and our partners, work with a team of Carbon Trust accredited surveyors/engineers to perform full technical energy consumption assessments. We then make recommendations, assist in establishing environmental policies and aid the implementation of usage reduction solutions.

Software

Carbonalysis, exclusively developed by Green 2020 and its technology partner, provides carbon footprint data on goods and services procured for the day to day running of a business.

Carbonalysis enables procurement professionals to make valued and cost-effective purchasing decisions when sourcing or buying standard goods and services (MRO) by providing the carbon footprint of those goods. This will enable a buyer to identify the lowest carbon footprint product and encourage suppliers to reduce their own impact on the environment thereby lowering the footprint of goods and services they sell, making them more competitive.

This solution is currently in development and will be available in early 2008.