



Green 2020 Environment and Energy

Products,
Services and
Financial
Solutions

Green 2020 specialise in energy management, carbon management, environmental management, supply chain solutions and technology solutions that reduce cost, reduce carbon and increase efficiencies.

A low
carbon
supply chain
is a low cost
supply chain



Green 2020 Energy Management

Green 2020's energy management practice is one of the fast growing divisions as a result of pressures on all industry sectors to reduce energy dependence and eliminate energy waste.

Our cost management and information management methodology (CMIM) has proven to be a winning approach with clients as we are able to not only help organisations manage their existing energy infrastructure with the provision of real time data management and visualisation tools but also able to plan ahead based on our five year "strategic energy management plan" (SEMP).



Core Disciplines

Green 2020's Energy Practice is divided into the following core disciplines:

- Energy Auditing, data gathering and bench marking (CMIM)
- Energy Policy and energy management programme development (SEMP)
- Implementation programmes for reduction in energy dependence including energy brokering
- Guidance and advice on renewables, green supply and innovative technologies

- Compliance and legislation such as Energy Performance Certificates and Display energy Certificates
- Monitoring and Targeting solutions to enable the real time management of consumption and the ability to remotely manage the estate but at the fraction of the cost of a Building Management system.

Engagement

Typical engagements include global Carbon Foot print appraisals, energy audits and EPCs, DEC's for public sector buildings, DEC Plus programme to implement recommendations outlined in advisory reports and project management of retrofit implementations, renewables guidance and research into new technologies.



Engaging with one of Green 2020's energy experts is straight forward, just contact us by one of the methods below to arrange an initial consultation.

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Green 2020 Environmental Management

Green 2020 specialises in a range of environmental services based upon the identification, quantification and reduction of carbon to increase efficiency and generate cost savings. Green 2020's expertise helps companies of all sizes and stages of 'going green' develop robust environmental strategies to ensure that they not only reduce energy bills, but also lessen the organisation's impact on the environment- giving them not just good PR but also tangible results.



Green 2020's environmental services fall into these key areas:

- Development of Environmental Policy and Environmental Management Systems
- Develop and implement carbon management programmes
- Carbon Footprint and CO₂ emission measurement
- Carbon Reduction of an organisation and it's supply chain
- Compliance e.g. The Carbon Reduction Commitment

Policy and Strategy

Green 2020 specialise in the development of environmental policy statements and documents. Green 2020 will assist with the implementation of Environmental Management Systems that outlines how the policies are achieved, and help monitor and audit its success.

Carbon Management

By implementing carbon management programmes, Green 2020 can help organisations achieve the following:

- Identification and prioritisation of carbon reduction opportunities
- Development of a priority action plan to implement the prioritised carbon reduction opportunities
- The collation of carbon emissions data
- Review of GHG targets
- Implementation of the reduction plan and ongoing audit

Compliance

Major new environmental legislation, such as the Carbon Reduction Commitment, has recently come into force that puts legally binding targets on how much CO₂ organisations can emit. Green 2020 can support companies by providing guidance on how this legislation will affect them, and help them to reduce emissions and turn the challenge of new legislation into opportunities for cost savings.

By combining our expertise on the above areas with our own bespoke software solution, Carbonalysis™, we have all the tools to our disposal to provide any business with a strategy tailored to get the best results for them. Green 2020 can also include services such as green office procedures, waste management systems, cultural and behavioural change workshops and internal training programmes built into the services above.

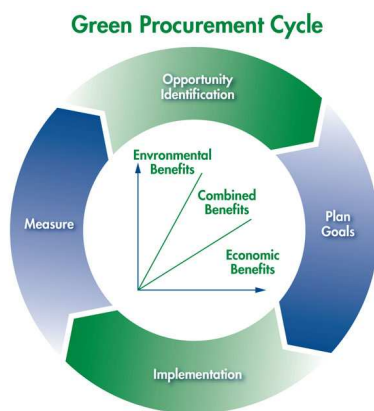
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Green 2020's Sustainable Procurement Services

Many organisations are in the process of transforming their procurement operations in order to make them more efficient. Part of the transformation is to ensure that Sustainable Procurement principles are embedded into the core policies, process and practices of all operational procurement activities and decisions.

But what is 'Sustainable Procurement'? It is the process of considering both environmental and social factors when making a purchasing decision, with the aim to minimise the impact on them with the items that are purchased. Green 2020 have over 200 years of combined experience in procurement, so are fully versed in understand the intricacies of 'greening' the supply chain.



Green 2020 Project Scope and Objectives for clients

The scope of most projects is to:

- Review the current procurement manual and key related sustainable procurement documentation that already exists;
- Conduct telephone interviews with a selection of nominated procurement personnel;
- Identify opportunities to apply and tailor a number sustainable procurement tools and techniques that have already been delivered to other clients.

The objective is to develop a comprehensive plan for implementing Sustainable Procurement. The plan will address the critical activities and deliverables necessary to embed sustainability principles at an operational procurement level.

The activities likely to be required for clients are to achieve goals that include:

- Identifying category-specific priorities and opportunities;
- Developing key insertions on for the Procurement Manual;
- Updating standard contract terms and conditions
- Updating PQQ documentation appropriately;
- Developing a supplier information pack; and
- Training procurement personnel.

Measuring your own organisation's and your suppliers carbon footprint

Green 2020 use our own bespoke software solution, Carbonalysis TM, to help organisations understand their own and their suppliers' impact on the environment. By calculating the carbon footprint of each of these, it will enable us to grade them in terms of environmental performance and then be able to offer them services to help reduce emissions and reduce costs. As part of that exercise Green 2020 can conduct lifecycle assessments and begin analysing footprints at commodity level.

By understanding the footprint of a product or service offered by a supplier, your organisation can then more accurately determine your own impact. More importantly it will enable your purchasing professionals to make environmental buying decisions, not just on price and quality.

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Green Vision Finance Private Finance for Capital Projects

Most businesses leaders are busy running their organisations and doing their up most to increase profits and sustain growth and unless they have the appropriate skills and resources to be able to invest both into energy efficiency and carbon reduction programmes can be difficult.

It has to be said that an effectively implemented energy reduction and carbon reduction programme will derive significant savings that could be used to further invest in capital projects but the catch 22 here is having the initial capital budget to start the programme off in the first place.

The other difficulty can be with seed funded projects, many businesses can only afford to “chip away” at efficiency programmes with restricted budgets and the need for water tight business cases at every stage.

We have seen the need to support all sizes of businesses and capital projects with a funding mechanism that enables businesses and public sector organisations the opportunity to realise positive cash savings from day one, by fully funding complete projects including capital purchases, associated consultancy and software platforms.

Green Vision Finance was set up in 2009 to provide just this type of solution. With no catches, no limitations, no predetermined restrictions businesses that have developed and have had provided by an organisation such as Green 2020 an action plan and pass a credit check, can apply for funding. This type of finance is not match funding so the whole project budget can be fully financed.

Green Vision Finance therefore:

- ✓ Enables cash flow as payments are made out of savings
- ✓ Replaces traditional capital cost ROI models with cash savings being realised from day one

- ✓ Everything is bundled into the finance including software and consultancy
- ✓ Options to upgrade and replace during the repayment term enabling clients to take advantage and new technologies and advances in existing technologies.

Repayment terms are based on the ability to pay and the pace at which the client wishes to derive the savings as savings will pay for the financé.

Green Vision funding can be used in conjunction with Carbon Trust funding where the appropriate criteria for funding can be applied and capital equipment purchased for energy efficiency projects qualify for enhanced capital allowances in the first year.



To date Green Vision finance has funded projects from £15,000 and with projects of a total value of £6m for clients in both public and private sectors.

Green Vision Finance Ltd has a consumer credit licence and is backed by major banks and investment brokers.

To find out more about Green Vision or to apply for finance contact Charles Kee on 0207 193 7341 and quote Green Vision Finance:

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Open Source Carbon Manager

The ERP Carbon Management technology platform from Green 2020

As part of Green 2020's on going commitment to clients to help them manage and save energy and to reduce carbon emissions, Green 2020 has launched Open Source Carbon Manager (OSCM).

Open Source Carbon Manager is for collecting and reporting environmental, carbon and energy data on a regular and proactive basis. Too many of today's solutions are either too complicated, too expensive or are still rudimentary spreadsheets that take time to complete.

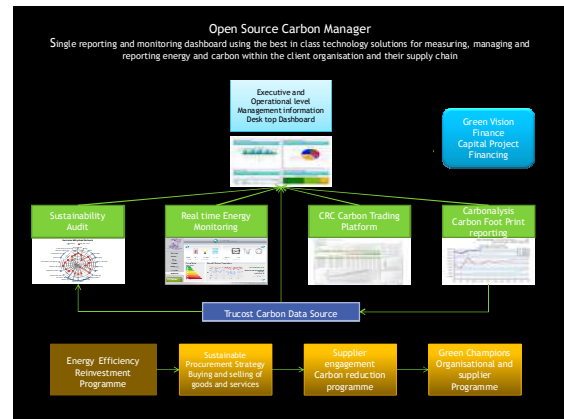
OSCM has been developed from leading solutions in energy management, carbon management, carbon trading and sustainability auditing as well as being able to provide access to the World's largest database of organisational carbon footprints.



The key to the success of OSCM is the combination of leading technology platforms and Green 2020's consulting services when combined provide an end to end solution for clients seeking to manage their own data and also their supply chain data.

"Open Source Carbon Manager acts as the steady tiller for our management of data not just of our own data but also of our supply base emissions, by having a single platform we are able to collect and

report on data virtually real time including knowing at any point in time what our liabilities are under the Carbon Reduction Commitment and then be able to do something if we are off target"



Open Source Carbon Manager consists of:

- ✓ Automated Energy Monitoring and Targeting solutions
- ✓ Carbon footprinting platform for the collection of organisational data and for data in the supply base
- ✓ Carbon Trading Platform METP designed to take data from the AM&T system to enable the company to trade in carbon allowances
- ✓ Sustainability Auditing tool to be able to measure 17 different metrics including lean manufacturing, ethics and logistics.
- ✓ A single dashboard that displays the current energy, emissions and trading position of the company and the emissions from its supply chain.

Open Source Carbon Manager interfaces with spend management systems, expense management systems and other back office systems including finance, procurement and energy. OSCM can also convert spend data into a carbon value making it easier to post a carbon emissions figure against a spend figure.

To find out more contact Green 2020 on

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