

Metering with the law!

In just 7 months time (April 2008) public buildings over 1000m² must display an energy performance certificate in accordance with the European Performance of Buildings Directive (EPBD)

Monitoring and metering of resources will play an important role in meeting the new EPBD. There is a large range of systems available so careful well-informed choices need to be made. As most systems will be retrofitted, wireless meters may be a good choice.

A number of systems are available to suit all sizes of business and budgets these require no manual meter reading and link directly to IT equipment, making results accurate and efficient.

Monitoring and metering doesn't have to be costly or time consuming, and it can save you money and increase profits.

Even if your company premises are smaller than 1000m², going down the monitoring and metering path can make valuable savings.

Through bill validation a major bank identified and recovered £4 million over two years.

Savings of £100,000 have been achieved with just £20,000 investment.

A recent survey commissioned by British Gas shows that small and medium enterprises (SMEs) are not sure how to reduce their energy costs but agree that it would save them money.

With 10% of SMEs overheads being energy costs, this is clearly an area where savings can be made. By knowing what energy is being used and when, losses and wastes can be easily identified and quick wins made. No need to wait



weeks for data, you can have it minute by minute. You can have total monitoring of energy, water, NOX (Nitrous Oxides), SOX (Sulphur Oxides) and CO₂ or you can buy a simple meter for very little to give you energy usage readings. For more information on product types and services type 'Smart Meters' into a search engine.

Are you interested in saving money on your company's energy bills?

WSSBP can help you to pin point quick savings with little or no investment from yourselves. We are currently offering FREE Energy Efficiency Audits carried out by a highly skilled engineer. We also have ten £1000 grants up for grabs but be quick, they're going fast! (Turn to the page 3 for more details)

This table illustrates the time line for installation of Energy Performance Certificates (EPCs)

1 January 2008	EPCs required on construction for all dwellings. EPCs required on the sale of dwellings built to 2006 standards.
6 April 2008	EPCs required for the sale or rent of buildings other than dwellings with a floor area over 500m ² . EPCs required on construction for all non-dwellings. Display certificates required for all public buildings >1,000m ² .
1 October 2008	EPCs required on the sale or rent of all remaining dwellings. EPCs required on the sale or rent of all remaining buildings other than dwellings.
4 January 2009	First inspection of all existing air-conditioning systems over 250 kW must have occurred by this date.
4 January 2011	First inspection of all remaining air-conditioning systems over 12 kW must have occurred by this date.

For more information on the legislation go to the communities website www.communities.gov.uk/index.asp?id=1504720

TRUE or FALSE? FACT or FICTION?



"Driving with under - inflated tyres wastes fuel"

FACT - Driving with tyres that aren't properly inflated causes 3% extra fuel consumption. [www.direct.gov.uk]. A study by Kwik Fit also revealed that 1 in 5 cars have insufficient tyre pressure; that's 5 million cars in the UK! Low pressure is dangerous and causes excess fuel use, two good reasons to go to the garage and pump your tyres up.

"Driving at 70 MPH is just as economical as driving at 50 MPH"

FICTION - You use 30% more fuel going 70 MPH than going 50 MPH [www.direct.gov.uk]

Tips to save you money and fuel

RPMs

Keeping the RPMs at 2500 in petrol and 2000 in diesel fuelled vehicles will save you money and reduce CO₂ emissions. A car travelling at 37 MPH in fifth gear will use 25% less fuel than one travelling at the same speed in third gear. [www.direct.gov.uk]

Turn your Engine OFF!

Always turn your car's engine off if you're likely to be parked or stationary for more than a minute. If you're not moving anywhere, you're just wasting fuel and increasing emissions by keeping it ticking over. It's a myth that you use more fuel switching your engine on and off. [www.biggreenswitch.co.uk]

South East Low Carbon Awards 2007

Show off your good practice at the 2007 South East Low Carbon Awards.

The seven Sustainable Business Partnerships in the South East region are getting together to sponsor a category at the 2007 South East Low Carbon Awards held in November. The category is '**Private sector commitment to carbon reduction**' and we would love to see another West Sussex business take the prize.

Last year's winner was Steyning based 'Blooming Futures' [www.bloomingfutures.com] which specialises in converting vehicles to run on pure plant oil.

Blooming Futures Director, Mat Bulba said,

"Since winning the award our project has had more credibility and carried more respect as a formally recognised leader in sustainable innovation. Our work with Pure Plant Oil engine conversions has gone from strength to strength and we are now working closely with a world leading technology plant oil conversion company to see a more national roll out of this technology."



The 2007 Award for **Private Sector Commitment to Carbon Reduction** will be given to a business that has:

- Introduced the best integrated carbon-cutting procedures and/or technologies into their work place and as a result can demonstrate that they have significantly reduced their carbon emissions.
- Successfully combined the deployment of these technologies or procedures with efforts to raise carbon consciousness among employees and the general public. Ideally, the reduction in carbon emissions can be quantified.

The ceremony takes place on Thursday 29th November at Southampton University and is being held in conjunction with the 'Creating a Low Carbon South East' Conference. For more details see www.environmentcentre.com.

Just announced as this issue goes to press are the South East Business Awards managed by South East England Development Agency (SEEDA).

Award categories are:

- International Business Award,
- Manufacturing Award,
- Corporate Social Responsibility Award and
- Environmental Award.

Applications can be made from 5th September at www.southeastbusinessawards.co.uk

SITE WASTE MANAGEMENT PLANS

- Envirowise provides the construction industry with the tools for implementation

Construction companies from the South East can now take advantage of a new support package from Envirowise to help them take action on waste and allow them to grab their share of potential national savings worth over £100 million. Across the region, 14.2 million tonnes of construction waste is generated annually, meaning there is great scope for reduction.

A new guide – available free from www.envirowise.gov.uk/swmpguide – details the benefits to local companies in implementing Site Waste Management Plans (SWMPs). It contains practical guidance on tackling waste and can help smooth the way to construction sites using materials in a more sustainable, cost efficient way.



The Guide will be followed by an interactive toolkit and a series of regional workshops. The resource efficiency programme is also offering South East companies specialist training on SWMPs, delivered at their own premises, for between 10-20 staff responsible for waste.

For more general advice regarding the sustainable use of construction resources, visit www.envirowise.gov.uk/construction or call the **Envirowise Advice Line** on **0800 585 794** quoting reference no. SE001.



BUSINESS WASTE - HELP US TO HELP YOU

Business waste disposal costs are rising each year and with a 33% increase in landfill tax due next year these are set to rise further. Many businesses are looking to reduce costs by increasing recycling but available services are limited. To overcome this, the partnership of Councils in West Sussex have secured government funding through the Business Resource Efficiency and Waste (BREW) programme to research and launch some recycling services that will address the needs of small businesses.

Help us to help you by completing a short questionnaire now. It should only take a few minutes to complete and will provide us with important information to identify the services needed. You can access the questionnaire via the following link www.horsham.gov.uk/asp/SNAP/waste/Business_waste.htm or by requesting a hard copy from sbp@westsussex.gov.uk.

Energy Efficiency application form Apply now for your FREE Energy Efficiency Audits

Does your company spend between £20,000 and £50,000 per year on gas, electricity or other fuels including transport?

Then your business may be eligible for:

- a free site energy audit by a qualified engineer
- a report with costed priority actions for your business
- a grant of up to £1000 to pay for energy efficiency improvements

Similar projects have already helped businesses in Sussex to find savings of over £1.5 million per year by cutting utility costs. Be the next business to benefit!

For further information contact: Georgina Emery at sbp@westsussex.gov.uk or call **01243 777348**.

ACT NOW. Fill in and return this form

Company Name: _____

Address of site to be reviewed: _____

Tel: _____

Email: _____

Website: _____

Nature of business: _____

Contact name: _____

What do you spend on your Electricity, Gas, Other Fuel, and Transport per year?

Electricity

Gas

Other (eg. oil)

Transport Fuel

£

£

£

£

To take advantage of this offer fill in the questionnaire and send your details including your energy spend (no stamp required) to:

Freepost CI52, WSSBP, WSCC (Economic Strategy) Chichester, West Sussex, PO18 8BR

LOCAL EVENTS AND CALENDAR

Events for Your Calendar – 2007

Simple Utility Management Seminar(s)	What	Two half day seminars with experts in water, waste and energy who help you to identify ways to reduce utility costs
	Cost Action	£20.00 refundable booking fee Contact WSSBP on: 01243 777348, sbp@westsussex.gov.uk
Mid Sussex SUMS Martletts Hall, Burgess Hill	When	09:30 – 13:30, 18th September AND 2nd October
Crawley SUMS The Hawth, Crawley	When	09:30 – 13:30, 30th October AND 13th November
Horsham SUMS Horsham District Council	When	09:30 – 13:30, 15th November AND 29th November
Free NVQ1 and NVQ3 Environmental Training for the Construction Industry	When	NVQ3 – 6th September www.environmental-academy.co.uk Tel: 0800 032 9843 or e-mail: info@environmental-academy.co.uk
GreenCorp Conference	When Where	18th – 20th September, Millennium Mayfair Hotel, London, Tel: 020 78274156 www.green-corp.biz
University of Brighton Sustainable Energy in Buildings short course	When Where	October & November www.brighton.ac.uk/ctc/courses/course_seb1.htm Tel: 01273 642305
Farmers Update Event Chichester District Council	When Where Contact	3rd October, 17.30 - 20.30 Goodwood Park Hotel Aleks Ellis, 01243 534595
e² - Energy Solutions Expo	When Where	10th – 11th October, Olympia, London Tel: 0870 1604540 www.energy-expo.info
Sustainable Innovation 07 Conference	When Where	29th – 30th October Farnham Castle Conference Centre Farnham www.cfsd.org.uk/events/tspd12
'Creating a Low Carbon South East' conference and awards	When Where	29th – 30th November, [University of Southampton] Tel: 023 80336199 www.environmentcentre.com

Free Bike Stands!

West Sussex County Council have 200 cycle stands for installation throughout the county, and they would like to hear where you would like them to go.

This is a great opportunity to provide facilities to make cycling an easier travel option. You will need to arrange the installation yourself and the stands must be accessible by the public or other businesses. For further guidance or to take part contact the Cycling Officer on 01243 777353 or email sbp@westsussex.gov.uk

CRAWLEY GREEN BUSINESS AWARDS 2007

20th November 18:00 - 20:00, Hilton Hotel, Gatwick

This year's awards are open and there are two categories under which you are invited to compete, regardless of your size or sector; 'Top Green Business' and 'Most Excellent Green Champion.'

To register call 01293 438543 or go on line at www.crawley.gov.uk/gba
Entry Deadline: 17th OCTOBER 2007 at 12pm

Thank you to the following for contributing to this edition of the newsletter:
Chris Hodgson, Georgina Emery and Shelaine Weller.

