The Energy & Carbon Platform for Hotels and the Hospitality Sector - GREENFootprint

The Green Trading Company is delighted to have partnered with ZiggyTec to launch a real-time energy (electricity, gas, heat) consumption monitoring and consulting service for the Hotel and Hospitality Sector – it's called GREENFootprint.

What can the **GREENFootprint** Service do for your business?

Avoid Energy Waste

It is vitally important to know, in real time, when your electricity and gas/oil is being used, and how much, so that you can implement control measures immediately – especially if you have an unexplained increase in energy because a machine is left on.

GREENFootprint allows you to set alerts to notify you when usage exceeds normal parameters which results in reduced costs.

Avoid Estimated Readings
No more in-house meter readings are required, and real consumption costs can be measured monthly and accrued for. There will be no surprises at year end.

Time of day consumption

Track consumption hourly and link to alerts. This allows you to identify usage patterns that do not match operational patterns – delivering information that enable changes to be made – leading to energy consumption reductions and a lower carbon footprint.

Measure Departmental Performance

Use **GREENFootprint** to monitor departmental consumption – Kitchens, Laundries, Leisure Centres, etc. With a meter attached even individual high use machines such as Ovens, Dishwashers, Air handling Units, etc. can be monitored.   Set performance measurement targets and provide feedback to managers – hold them accountable for consumption.

Tracking New Equipment Efficiency Improvements

No longer will you need to rely on supplier's efficiency claims – use **GREENFootprint** to verify actual energy efficiencies – and secure additional grants because you can verify savings.

Reduce Time Wasting / Improve Productivity

If once-a-day readings *(a minimum efficiency standard)* of 4 meters are taken on a 5-day cycle averaging 15 minutes a day *(260 readings per meter per annum)* this equates to 65 man-hours spent gathering information and a similar time spent loading it into a spreadsheet giving 65 hours annually at a cost of c. **€1,300**.   A 4-unit **GREENFootprint** system will cost from **€960 annually** - 26% less - and deliver you 24/7 information in hourly segments *(8,760 readings per meter per annum)* and analyse and present it in a useable and actionable format.

Monitoring delivers Savings

Energy savings achieved as a result of installing a monitoring system can range from 5-20% of a businesses total energy consumption! *How?* Because what gets measured gets managed – now you will know when and where energy is being used you can take action to reduce consumption.

A properly used monitoring system pays for itself every year. As savings can be tracked and verified it also allows the business receive grants for energy efficiencies – GTC supports the sector in securing these grants.

GREENFootprint works with you to keep track of your consumption and will provide advice and guidance on reduction strategies as well as an annual review of your consumptions. Additional services are also available for those businesses that wish to drive consumption – and costs – down.

Online Information

The data from every **GREENFootprint** reader is sent to a cloud-based system where you have instant access. The platform can be for a single business or multiple businesses. Information is delivered in a clear and easily understood manner.

Consumption data can be downloaded for additional analysis.

Supports a Businesses De-Carbonisation Plan

Allows for quick and easy reporting on the businesses carbon reduction plan and allows for quick and easy carbon foot printing and benchmarking.

Quick to Install

Our battery powered readers are totally independent from all your building systems. They require no power supply, no Wi-Fi, no cabling, no firewall access.

Scalable

The entry package supports 4 **GREENFootprint** readers – additional readers can be added for departments, equipment, etc. – build your knowledge and use as you grow to understand the value of the service.

Avoid costly Repairs – improve your Health & Safety

Air handling equipment not working can lead to condensation and damage to your building fabric – early notice allows you to avoid these problems

Ongoing Maintenance and Support

Hardware and Software are maintained and updated seamlessly – we provide the service – you get the real-time information.

No Major Capital Cost

Get started quickly – this is a low-cost solution. Sign up and get your initial readers installed immediately. Charge the costs to your Utility Costs as this is where you should be expecting savings.

How much does it cost?

The entry level service consists of **4 GREENFootprint** meter readers – Ideal for Mains Electricity, Gas and/or Oil plus 1/2 Departmental Electricity/Heat. We recommend this step immediately for any business – get control of your energy utilities now. *(Mains Water can be added if there is a suitable meter)*

There is a One-off Installation and Setup fee of €750 plus a monthly subscription fee of €100. *(€80 per month if annual payments made)*

Additional **GREENFootprint** readers come in sets of 3 and will incur a €500 install and setup fee per set plus a monthly subscription fee of €25 per reader. *(€20 pm with discount)*

I don't have meters

We will work with you to identify what meters are required, and where. Your local electrician, plumber or energy supplier can install them for you, and we connect our readers to each meter*. (Make sure you use Registered Contractors only)*

Every business has an existing mains electricity meter and generally our readers connect easily to them. Gas (Mains and LPG) and Oil meters are often required. Many energy suppliers will assist you in installing these meters and can spread payments through your energy bill which will avoid any capital expenditure. *(We cannot connect to existing Mains Gas Meters as GNI (gas Networks Ireland) do not allow this – GNI will install a mains gas meter communication device (Chatterbox)- at a cost- talk to your mains gas supplier)*

Water Meters – we recommend that hotels meter their mains water as water leaks are a regular occurrence in high volume business premises. However, currently (2020) Irish Water do not facilitate business owners to access their mains water meters so a hotel would need to install their own meter – as close as possible to the main supply.

All meters should be digital and must have a pulse output available to allow the readers communicate with them.

Specific Conditions

Each **GREENFootprint** contract is for a minimum of 2 years. All monitoring equipment remains the property of GREENFootprint.

Installation costs are payable in advance and Subscription Payment frequency is 3-monthly in advance - There is a **20% reduction** where businesses pay their total annual subscription fee in advance.

VAT @ 23% will be charged.

How do I get started?

Contact the Green Trading Company at 021-4354688 or email us at info@greentradingcompany.ie to start your energy monitoring programme

Remember – ***What gets measured, gets managed – Peter Drucker 1954!***