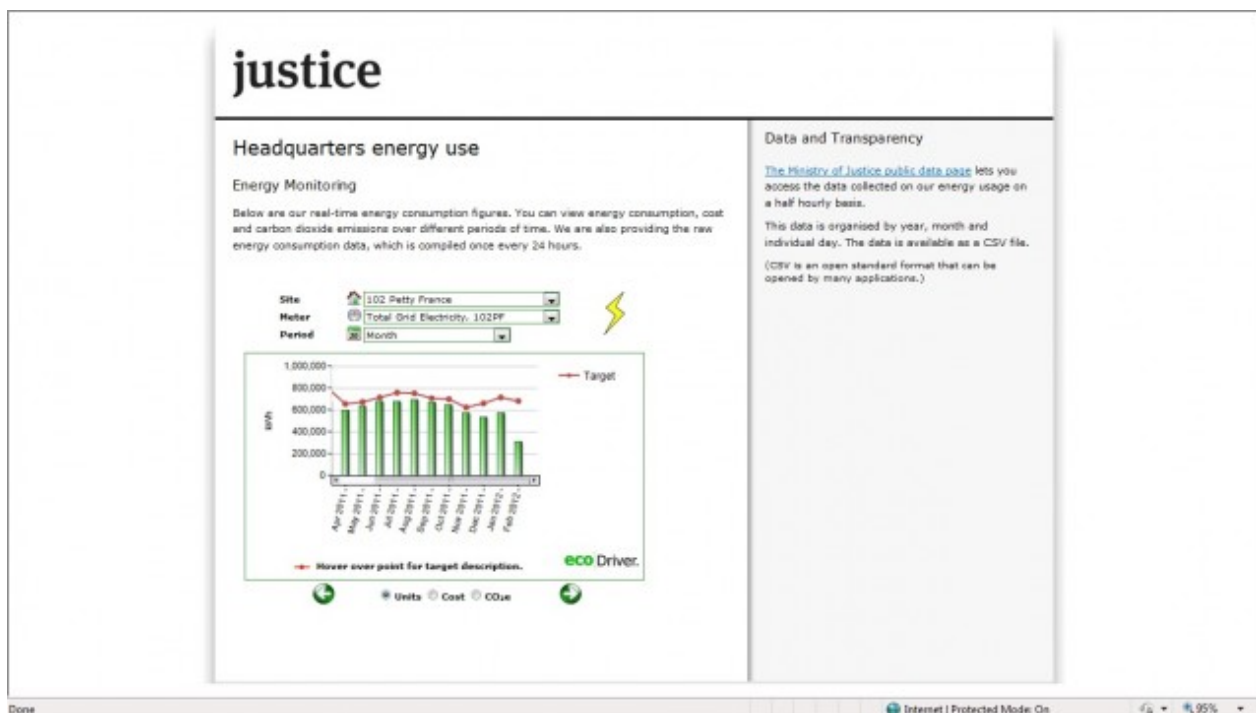


Energy Efficiency Programme saves over £200k

In May 2010 all 18 Whitehall Central Government HQs were instructed to install real-time, online energy displays (RTDs as they have become known) as part of the new government's drive to introduce transparency.



Background

In May 2010 all 18 Whitehall Central Government HQs were instructed to install real-time, online energy displays (RTDs as they have become known). The theory is that if energy consumption is made more transparent then users will be more aware and they will seek to reduce waste.

Issues

In October 2010 a competition was organised by the Cabinet Office to see which department could reduce their consumption by the most. The departments responded and made significant reductions in consumption. Since then however there has been little further news about this successful project and in January 2012 when a snapshot analysis of performance was taken, relevant data could only be retrieved from 10 of the 18 original buildings.

A shining star

Of these original 18 departments however at least one prominent ministry (department protocol requires name to be withheld) has built on the original RTD project by implementing an associated Energy Efficiency Programme (EEP) using guidance issued by the Cabinet Office in July 2010. Their RTD system of choice, eco|Driver® was also enhanced specifically to support this programme.

Considerable savings achieved

Between February 2011 and January 2012 (inclusive), when compared with the preceding 12 month period, this HQ building has saved (after weather corrections have been made) more than £200,000. An amazing achievement given that significant savings had already been made between 2009 and 2010.

How was it done?

An effective EEP requires close co-operation between the client (in this case the Ministry) and their Facilities Management contractor and active support from senior management in the organisation. Surveys and audits were used to identify opportunities for energy efficiency projects whilst hourly alerting, weekly energy profile audits and monthly reviews were used to ensure that any savings achieved were sustained.

‘Identifying opportunities to save energy is quite easy, realising savings in the short term is not difficult but sustaining savings over time is the hardest thing to achieve’

John Taylor, EEP Manager

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