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Report shows for the first time that behaviour change frequently delivers 'metered' energy savings

21 January 2016, London – Until now, only limited evidence has shown that behaviour change programmes improve energy efficiency. Now, for the first time, many energy professionals have simultaneously reported strong energy efficiency savings being achieved through behaviour change programmes in the UK.

In the latest issue of the UK *Energy Efficiency Trends* report (Volume 13, published 21 January 2016), energy analysts EEVS and Bloomberg New Energy Finance has partnered with independent behaviour change and environmental charity Global Action Plan to develop a dataset covering behaviour change opportunities, costs, savings performance, influencing factors and wider impacts.

The findings show current levels of activity and planned activity, providing those responsible for driving down the UK's energy consumption and emissions with critical information.

For those charged with designing and implementing behaviour change programmes, the insights will help to determine best practice.

But perhaps the evidence is most important for those who, until now, have wanted stronger proof about the impacts achievable before commissioning behaviour change initiatives.

The key finding from the report is that behaviour change consistently delivers tangible savings.

The report found that achieved savings are often up to 5% of energy consumption, with some projects delivering savings in the range of 10% to 20%. In the majority of cases, the savings of completed projects were at the level anticipated at the project outset.

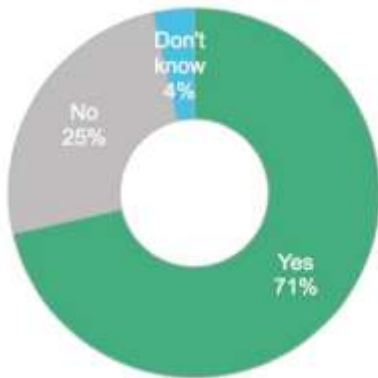
"The most important insight is that the success of many of the projects has been measured using energy meters," said Chris Large, Senior Partner at Global Action Plan.

"The survey indicates more than 50% of engagement programmes have achieved metered energy savings. Seeing an energy meter recording lower consumption is the crucial evidence required for energy managers and estates directors to invest effort and budget in behaviour change programmes," he said.

Figures 22 and 23, below, show that 71% of the schemes discussed were part of a wider energy saving scheme but only 11% guaranteed savings. However, in Figure 24, 64% of respondents stated that they had undertaken some form of post programme measurement to analyse success and impact.

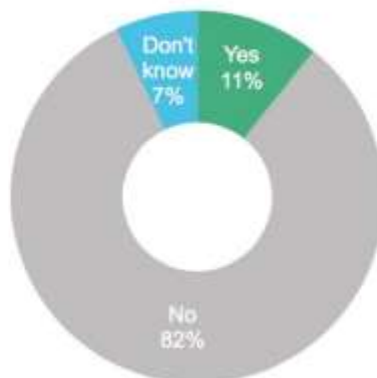
"For years, establishing the savings behaviour change can deliver has relied on meter evidence that is less than ideal. This survey shows for the first time that behaviour change has delivered metered savings consistently," said Chris Large.

Figure 22: Was the project part of a wider energy saving scheme?



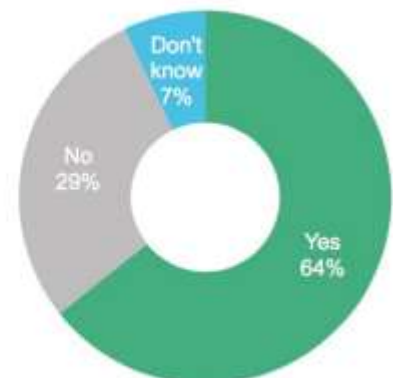
Source: EEVS, BNEF, GAP.

Figure 23: Were savings guaranteed?



Source: EEVS, BNEF, GAP.

Figure 24: Was some form of measurement undertaken?



Source: EEVS, BNEF, GAP.

Download the graph above here: <http://app.pmax.co.uk/collateral/92570.jpg>

Download the full report here: <http://www.energyefficiencytrends.co.uk/latestreport.html>

Compiled from the results of a confidential, quarterly industry survey, the UK *Energy Efficiency Trends* Report clearly evidences industry trends and has become one of the sector's leading sources of market intelligence. The report covers both energy suppliers and consumers, providing differentiated results for each market sector.

The report is delivered by a research partnership between EEVS and Bloomberg New Energy Finance, and supported by Bird & Bird, Bellrock and Schneider Electric.

Headline findings from Issue 13:

82% of consumers reported commissioning new energy efficiency projects; that's higher than the long term trend which is c70% and a new sector high

Lighting-based technologies continued to outperform other energy saving technologies, with an uptick in the specification of lighting controls in Q3. Boiler controls also experienced growth, but this could be due to seasonal influences

The capital cost profile remains volatile. Q3 saw a strong volume of smaller scale projects (up to £50k) and large projects (over £500k), but the core mid-range projects (£50 – 500k) was down, accounting for only one in five projects

Financing arrangements remained stable, but a trend that has emerged throughout 2015 has been the use of combination funding (a mix of in-house and external finance)

Financial payback periods returned to the long term trend of between three and four years, driven by a growth in longer five to 10-year payback projects

To read the full report press release, click here: www.eevs.co.uk/trendsnews.html

Call for new respondents

New respondents are always needed to complete the survey. The ideal respondents fall into two categories:

- Directors within energy efficiency supply organisations
- Those responsible for reducing energy consumption within organisations

There is no restriction on size of organisation. Those interested in taking part in the next survey can register using this link: <http://www.energyefficiencytrends.co.uk/join-community.html>

Ends

To find out more, please visit www.eevs.co.uk or follow the EEVS team on Twitter @EEVSInsight. Alternatively, please contact Adrienne Robins at Green Tiger Communications:

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Editors' Notes

The Energy Efficiency Trends Survey (Vol.13) was conducted between 14 October and 14 December 2015 and was completed by 67 UK-based energy and other senior managers (38 consumer organisations and 29 suppliers). Their answers related to the situation from the third calendar quarter of 2015.

The insight it provides is helping to transform levels of transparency and understanding within the sector – as well as supporting better, faster, more confident decision making in relation to commercial energy saving investments.

The analysis is produced quarterly, based on survey feedback from a wide range of commercial consumers and suppliers of energy efficiency.

The survey is delivered by EEVS and Bloomberg New Energy Finance and is supported by:

- Bird & Bird – international law firm with a specialism in the energy and utilities sector
- Bellrock – providing property and facilities management services to over 40,000 retail, commercial and public sector properties throughout the UK
- Schneider Electric – a global specialist in energy management improving energy efficiency and performance in more than 100 countries

EEVS is a leading global provider of performance assurance, analysis and information in relation to energy efficiency. This includes working with clients to devise and develop: performance management systems and strategies; procurement policies and tender evaluations; due diligence on performance contracts and guarantees; performance and financial risk analysis. Alongside this, an established team of energy analysts provides high quality, independent Measurement and Verification (M&V) services for all sizes and types of energy saving project. Since 2011 this team has evaluated the savings performance of over 400 schemes to the global good practice standard, IPMVP.

www.eevs.co.uk

Bloomberg New Energy Finance is the definitive source of insight, data and news on the transformation of the energy sector. BNEF has a staff of more than 200 based in key finance centres worldwide including London, New York, Beijing, New Delhi, São Paulo and Tokyo.

www.about.bnef.com

Global Action Plan is an award-winning charity that provides environmental behaviour change projects. Since 1993, we've helped over 750,000 people make practical changes that create environmental savings in businesses of all sizes, as well as communities, schools and with young people.

www.globalactionplan.org.uk