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Basingstoke and North Hampshire NHS Foundation Trust

The Challenge

Basingstoke and North Hampshire NHS Foundation Trust operates a large provincial hospital that provides services to the local communities of Basingstoke, Tadley, Bordon, Alton and surrounding districts. As an organisation the BNHFT are early adopters in utilising technology to assist them in fulfilling their objective to be first-class in operational efficiency.

Central to their commitment to ensuring all systems are automated in order to provide easy and cost effective solutions, the purchasing and supplies department are rolling out the cloudBuy procure-to-pay system and concentrating on ensuring all orders are now totally electronic. As part

of the electronic payments rationalisation, BNHFT also underwent an cloudBuy SpendInsight analysis, that revealed that whilst the organisation operated relatively leanly, there were additional areas for consolidation in the purchase and supply chain.

The next step was to analyse the supply chain data revealed by SpendInsight and measure the carbon footprint of that chain. Basingstoke and North Hampshire NHS Foundation Trust is intent on reducing its carbon footprint in accordance with the overarching NHS Carbon Reduction Strategy for England (CRS) policy.

A Growing GreenInsight

Basingstoke and North Hampshire NHS Foundation Trust were eager to take part in the initial working trials of GreenInsight – a tool that calculates an organisation's carbon footprint by analysing the procurement spend and comparing it against e2class. The results have been surprising, revealing the true carbon culprits are not the obvious ones.

cloudBuy's GreenInsight has been developed off the back of the cloudBuy SpendInsight tool - a tool that analyses an organisation's purchase and supply chain and reveals opportunities for substantial savings. The SpendInsight tool was the result of a three year joint project with @UK PLC and the Knowledge Transfer Partnership (KNP) project between Goldsmiths and Reading Universities.

How Does It Work

Data is collected from the organisation. Purchase Order and Accounts Payable data is collected and coded right down to line item level. The information is duly analysed through the SpendInsight tool and opportunities for savings are identified in these seven key areas including price variance and product

consolidation across the board.

Once the information is analysed from the spend perspective the information is examined with GreenInsight that delivers a clear picture of the organisation's environmental impact.

e2Classification Database

The e2classification database is a comprehensive repository of environmental and ethical data. Currently the database holds classification for over 3.6 million products and is one

of the largest databases of information of this type. The aim is to make the e2class the most comprehensive database of classified items in the UK.

e2Class stands for – Ethical & Environmental Classification

The cloudBuy developed e2class database builds on the standard NSV Coding and Classification system that has been used by the UK government for over 30 years, combined with the most recent data environmental data gained from the Stockholm Institute for Environmental Studies and CenSa. It brings together a more holistic approach to classification that incorporates green information and can integrate with both the NHS own eclass data and the Proclass coding

system widely in use in local government authorities (to level 4 depth).

A key unique aspect of e2class is that spend data can be analysed right down to line item level or against the broader category level. This level of granularity means that organisations can determine right down to the individual product line, those products that are most at fault.

The Green Marketplace

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We've been delighted with the cloudBuy GreenInsight report. It isolates exactly what line items are the greatest carbon culprits, and where to start in defining a carbon reduction strategy

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It's difficult to know where to begin and having now been through the process, we were surprised that the greatest impact comes from unexpected categories.

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We would have expected that the greatest environmental impact came from Mains Electricity (30%) but were very surprised that the next two largest carbon culprits were Medical and Surgical Instruments and Prescription Drugs.

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The depth of insight is impressive. We believe that we can see more from our cloudBuy GreenInsight analysis, than what's currently required by the CRC reports – even the Co2 is separated out across line items and into each of the different formats.

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Lean and Green Marketplace

Going forward, the BNHFT now has on demand access to the measurement tools available in the cloudBuy Green Marketplace. Along with the other 1 million users of the cloudBuy electronic marketplace, purchasers from the NHS

Foundation Trust can see the carbon footprint of their purchase, at the checkout basket and choose to offset their carbon footprint. No long consultations with environmental consultants, or expensive PAS2050 analysis, required.

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