# Fact sheet

| Section | Indication of content |
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| 1 **Title of the best practice** | **Online Energy Assessment Tool** |
| 2 **Precise theme/issue tackled by the practice** | https://schoolsweb.buckscc.gov.uk/schools/documents/bulletin/BCC_Schools_Renewables_Guide_Final.xls<br>Online benchmarking tool, which enables energy managers/key staff to input their energy consumption patters, building characteristics etc, to enable an assessment to be made of their potential to swith from fossil fuels to renewables |
| 3 **Objectives of the best practice** | To enable complex organisations to collect the data they need to enable them to make an assessment of the potential for Biomass, from across a range of functions and departments. |
| 4 **Location** | UK |
| | Buckinghamshire/South East of England |
| 5 **Detailed description of the best practice** | **Origin** - A online data collection tool, which enables a complex organisation to collect the data it needs to identify the current energy costs, the potential for renewable energy installations and the likely cost and CO2 savings likely to flow from such installations. |
| | **Timescale** – accelerates the benchmarking process to a matter of hours and minimises the need for face to face collection. |
| | **Bodies involved / implementation** – Buckinghamshire County Council and (its partner) Ringway Jacobs. |
| | **Process and detailed content of the practice**;<br>• BCC operates 237 schools in the County and also works with a range of other local govt partners to try and reduce their carbon emissions;<br>• Collecting the data needed can be time consuming and difficult;<br>• In response to this issue, BCC has developed an online calculator to enable a distributed group of managers to input the data needed to undertake an assessment of the potential for renewable energy. |
| | **Legal Framework** – n/a. |
| | **Financial framework** – financial modelling of the returns likely to be achieved from installing renewable energy (which takes account of Feed-in-Tariffs and renewable Heat Incentives). |
| | **Opportunities** – can provide a a useful tool for modelling complex and changing cost models |
| | **Threats –** Needs some commitment from the data inputter!. |
| | **Carbon Savings** – n/a. |
| | **(Expected) Energy production/usage** – n/a |
| | **(Expected) Warmth production/usage** – n/a |
| 6 **Evaluation** | - Provides user friendly way of collecting data<br>- Demonstrates savings |

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| | - Provides impetus for person entering data |
| 7 **Lessons learnt from the best practice** | As part of its commitment to reduce carbon emissions in the local area, Buckinghamshire County Council's Sustainability Team have developed a free renewable energy guide to enable their partner organisations assess the potential of their sites for renewable energy. Entering the required information into the guide will provide information sheets for the renewable technologies most suited to the particular building. The outputs cover information on;<br><br>• Solar Photovoltaics (PV)<br>• Solar Thermal<br>• Wind Turbines<br>• Ground Source and Air Source Heat Pumps<br>• Biomass |
| 8 **Contact information** | Zoe Dixon<br>Sustainability Team Leader<br>Buckinghamshire County Council<br>Hampden Hall<br>Wendover Road<br>Stoke Mandeville<br>Aylesbury.<br>HP22 5TB<br><br>Tel: 01296 383710<br>Email: zdixon@buckscc.gov.uk |
| 9 **Other possible interesting information** | |
| 10. **Best practice transfered** | |