

## MINUTES OF MEETING

<b>Title:</b>	<b>Low Carbon Energy Group</b>	
<b>Held on:</b>	Wednesday 26 April 2017	
<b>Present:</b>	Carolyn Munns (Chair) – Sentinel Housing Antony Bravo – BCoT Alistair Atkinson – WSP Lucy Martins – BDBC Peter Gunner - BDBC Hayley Maynard – Carbon Footprint Ltd Sarah Muskett – BDBC Matthew Greaves – Sovereign Housing Marion Short – BDBC Martin Heath – Bes Co-op	
<b>Apologies:</b>	Councillor Hayley Eachus Wendy Buckley – Carbon Footprint	Richard Hall – Future Solent Chas Bradfield - BDBC

### 1 Welcome and introductions

### Action

- 1.1 Carolyn Munns welcomed all to the meeting. Introductions were made and apologies noted as above.

### 2 Heat Loss Analysis Tool

- 2.1 Carolyn Munns introduced Ian Dee from Energeo who provided the Group with a presentation on the CleanHeat service. A copy of Ian's presentation is attached at Appendix 1.
- 2.2 Energeo is a service that conducts energy analysis of lost building heat, which can be drilled down to individual property level. Ian provided a background of the services that can be provided and explained in detail :
- what the service does – simplifying and streamlining how we understand energy usage by bespoke data capture.
  - how it integrates structure with human intelligence
  - work undertaken with national clients/government bodies in other areas.

- How the data captures conditions of heat variation not actual temperatures and can only be captured during the winter
- the imagery – very high level detail, using methodology developed for analysing energy wall heat loss with examples
- the core deliverables and additional deliverables that can be provided and in which format
- large industrial monitoring with examples
- the other areas they are working on with local authorities; the Highways Network for solar potential, ground heat source analysis work, land use maps, work undertaken with the National Grid and with planning application support.

2.3 A general discussion commenced around costings and options and Ian provided examples of assessment costs in other areas which had equated to £1 per property and estimated £20K/£30K for the entire urban area of Basingstoke. Ian agreed to put together some more accurate information for the whole district and asked if a list of postcodes could be provided to enable him to supply a ballpark figure.

2.4 The Group discussed the benefits of the service for housing associations and the council and how this could support decision making and work for commercial properties. The Group held a discussion around pilot projects/data, how the data could be used going forward, planning for the future, and providing proactive support to residents.

2.5 It was agreed that Carolyn will arrange a more in-depth discussion for those in the Group who would like to take this forward, with a view to obtaining detailed costings and more focussed information.

### **3 Green Gas Mills and Anaerobic digester visit feedback**

3.1 Martin Heath presented on the challenges for Basingstoke on renewable heat following on from the last meeting where there had been a discussion around the anaerobic digester and green gas mills and the opportunity to encourage the building of green gas mills to meet the renewable heat target. A copy of Martin's presentation is attached at Appendix 2.

3.2 In relation to the green gas mills, Martin explained and the group discussed in detail:

- suitable location and size
- inputs in terms of bio matter and outputs

**Lucy  
Martins/Carolyn  
Munns**

**Carolyn Munns**

- processes to be followed and tonnage
  - pros and cons and risks
  - costs
- 3.3 Discussion also took place around how much bio matter can be obtained from local farmers and the attraction to landowners receiving rents for renewable energy services.
- 3.4 Martin provided the team with some feedback on the Herriard anaerobic digester which takes commercial food waste from manufacturers and was agreed by the team to be an excellent way to stop food waste going to the incinerator.
- 3.5 Discussion commenced around the council owning large parts of land but not open farmland and the opportunity to attract local landowners, with input from the council to invest/grant planning permission.
- 3.6 It was agreed that the next step would be to take a business case to landowners and Lucy Martins agreed to start conversations with John Jervoise at Herriard.
- 3.7 Alistair Atkinson agreed to provide Lucy Martins with information relating to the gas network maps
- 3.8 Carolyn Munns mentioned a finance company called Maquarie who finance renewable energy projects. She will speak to them to see if it would be viable for them to work in partnership with Basingstoke and Deane.

#### **4 Activity updates**

##### **4.1 Public Power Solutions**

- Lucy Martins explained in detail the desktop survey of council buildings which has been narrowed down to 36 potential areas. The list to now be narrowed down further for a more in-depth study into feasibility, finance and business case. See presentation at Appendix 3.
- Lucy talked through the next steps and explained the government's new proposals in relation to business rates on new buildings and educational establishments with solar panels. Anthony Bravo asked if there could be collaboration between the college and council to train local people to undertake the installations and he would take up the issue of business rates with Maria Miller MP.

**Lucy Martins**

**Alistair  
Atkinson**

**Carolyn Munns**

**Anthony Bravo**

## 4.2 **Current projects**

- Meeting has been arranged for 11 May with Sainsburys on PV potential to start discussions.
- Sarah Muskett is currently exploring with The Anvil the potential for PV on the roof and is working with Totally Tennis into upgrading the lighting to LEDs.

## 4.3 **Heat Network Delivery**

Tender specification is now on the South East Business Portal, with responses due by 22 May and the study completed by 24 November. Lucy Martins ran through the areas targeted and if any of these areas are identified as having potential the council will apply for further Government funding.

## 4.4 **Ecotricity**

Lucy Martins updated on the meeting with Ecotricity to discuss green gas mills – who thought only Manydown would be suitable. They have asked for gas networking mapping which Lucy will share with them. Three areas have been put forward as possibilities for battery storage sites.

## 5 **Local energy company models**

5.1 Marion Short is due to attend a discussion regarding the Southern Energy Company and will provide feedback at the next meeting.

## 6 **Next steps**

- 1 Carolyn Munns to talk to Maquarie about financial modelling for renewable energy projects.
- 2 Lucy Martins to meet John Jervoise of Herriard Estate
- 3 Carolyn Munns to arrange a meeting to discuss in more detail the Energeo energy analysis and include those members of the group who would be interested in learning more.
- 4 Alistair Atkinson to provide gas network map information
- 5 Antony Bravo to contact Maria Miller MP regarding business rates

**Carolyn Munns**

**Lucy Martins**

**Carolyn Munns**

**Alistair  
Atkinson**

**Antony Bravo**

## 7 **Date of Next Meeting**

7.1 Wednesday 12 July 2017

Venue to be agreed