

Agenda for Affordable Warmth Focus Group Meeting – 29th January 2020 10:00

Meeting Room 1, 5 Hide Market, Waterloo Street, Bristol

Item	Lead	Time
<p>1. Welcome and apologies</p> <p>Present:</p> <p>Chris Mordaunt- Team Manager Housing Standards & Improvements</p> <p>Paul Winney- BANES CSE Manager</p> <p>Hannah Spungin- Programme Manager for BCC-Looking at fuel poverty/grants</p> <p>Aisha Stewart- Project Service Manager BCC</p> <p>Rob Hiscox- Surveyor</p> <p>Steve Young- Renewable Energy Specialist Gregor Heating (Speaker)</p> <p>Chris Coleman- Surveyor</p> <p>Michael Riches- Surveyor</p> <p>David Kelloway- Surveyor</p> <p>Liz Freeman- Caseworker</p> <p>Tracey Tate- Caseworker</p> <p>Tom Jackson- Marketing</p> <p>Sophie Bowen- Surveyor</p> <p>Ellie Bull- Operations Lead BANES</p>	CM	10.00
<p>2. Introduction to the Meeting</p> <ul style="list-style-type: none"> • purpose of meeting and aims/goals we would like to achieve over the next year-identify steps towards low carbon heating solutions, start conversations around this. • Contribute to regional and national agenda's- carbon neutrality- Hannah spoke re. fuel poverty and what is suitable for individual circumstances • David K- need to consider what we put in and awareness of fitting gas and how things will be in future – change from gas to electric and gov changes- gas phased out. • Invite suggestions for topics to discuss in future meetings- Working with Bath University re. research projects Chris M Also Companies working with battery technology CM 	CM/ALL	10:10

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<ul style="list-style-type: none"> • Transferable to all- whether can apply for everyone in future if able to pay- Tom J • Projects/pilots and scope to look at this- Sophie mentioned the project with Aster- three different electric systems- WILL FIND MORE INFO ON THIS FOR FUTURE MEETING- ACTION POINT SB & EB • Feeding tariffs- costs for electric reducing? Government subsidy- SB gave eg on solar panels and discussion around future- ultimately grid will be de-carbonised and main barrier is cost • Western Power to give talk • Solutions will need to be a variety of heating sources • New building estates and infrastructures needed to service them need to be considered- and insulation is key. Provide best solutions to that property • Social Energy- battery providers • Bristol Energy to discuss tariffs 		
<p>3. Presentation from Steve Young Renewable Energy Manager at Gregor Heating- covering the possible solutions they have been offering Clients currently Gregor Heating -140 staff, range of solutions and working with no. of companies—Taylor Wimpey, Bovis etc. installing renewable heating</p> <ul style="list-style-type: none"> • CHALLENGES- INTERMITTANT AND VARIABLE • Storing energy is key/needs considering • 37% renewable energy into the grid in 2019 • Heat and transportation are important- eg heat sun and wave energy • Carbon emissions halved • Solar hot water- consider usage, installation need to be competent and well designed. If one panel is in shade affects all of them- roof modelling-approx costs £4k for pv system- technology is improving with sizes of panels. South facing roof gives more generation • Steve to send over more info. • 10% of income spend on heating approx. • Air Source heating approx. £15k- £9k will recover costs in approx 7 years+- lasts 15-20 years, annual service • Hybrid systems • RHI Scheme finishing next year, may be replaced with scrappage scheme- unsure what it will be currently 	SY-Gregor Heating	10:20

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<ul style="list-style-type: none"> • Oversizing radiators in prep for fitting a pump could be preparation as part of a grant- Paul W • Air to air heat pumps- heat and cold air • Sunamp- new product battery power • Tessler Battery/affordable batteries- assignment of rights- company can take control of battery- approx. £5k plus • Pv 25% reduced in last few years (in installation costs) 		
<p>4. Feedback/discussion and suggested topics for next meeting.</p> <p>Suggested objectives for discussion:</p> <p>Discussed above</p>	ALL	11:00
<p>5. AOB Hannah- BCC looking at carbon free in 10 years and looking at interim stages for fitting pumps</p> <p>6. DK- we need to look at what are the most efficient electric solutions- find out what options are.</p>	ALL	11:15
<p>7. Future meeting dates: Quarterly meetings- with topics</p> <p>ACTION TO DRAW UP LIST OF SUGGESTED TOPICS/SPEAKERS TO BE DISCUSSED AND REVIEWED FOR FORTHCOMING MEETINGS</p>	ALL	11:20
FINISH		

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