

APSE Scottish Renewables & Energy Efficiency advisory group meeting

8 November 2016

Fife Renewables & Innovation Centre

1. Introduction and Welcome

Cllr Ramsay Milne, Chair of the group thanked all for attending today's meeting as well as Fife Council for their hospitality in hosting the meeting here in Leven.

2. Attendance and Apologies

Please see attached.

3. Minutes of the previous meeting (31 August 2016)

These were agreed as a true and accurate account of the meeting.

4. Matters Arising from meeting on 31 August 2016

There were no matters arising.

5. The River Tay Heat Pump District Heating Initiative

Serge Merone of Perth & Kinross Council provided an interesting and detailed presentation on the River Tay district heating initiative. Serge began his presentation by highlighting the importance of learning from others and sharing experiences. The current heat and transport targets are challenging to meet for all local authorities, this project aims to help work towards meeting these.

The idea of the project is to attract food and drink businesses within the food and drink park and also have an innovation centre. When the authority consulted, the feedback suggested that in terms of the project, they should think big. A feasibility study followed to look at the opportunities available for the area.

Following the feasibility study, they Council moved to the business case model, during this time the project ran parallel to local energy in building a heat map. The Council applied for more funding through the Challenge Fund (the Council secured £2m to deploy the network), with the business case being a phased process. Areas being looked at included:-

- Business Park
- Housing (social and private) 1/3 Council stock
- Council Buildings (school/ care home)

As the initiative progressed it moved from a business innovation to a fuel poverty agenda. Serge also highlighted the importance of looking at due diligence including potential considerations such as:-

- Flood defence area
- Ecologically sensitive
- Road network
- Aligning this project to housing renewable heating programmes

The last few slides looked at the benefits and challenges associated with the initiative. This included information on the pumps used for the project (similar to those used in Norway,

although installed by a Scottish company) and information on the 75 kilowatt solar farm which has been completed.

Questions to Serge included how the team managed to get elected members which may not have been as supportive of the project on board and with them on the journey. The importance of looking at case studies and providing information on the technology stage by stage to inform elected members at all times. Other questions included:-

- Information on the maintenance plan for the heat pumps
- The importance of getting the network right

6. SCARF Energy Advice Centre

Thane Lawrie, Chief Executive of Scarf provided delegates with information on the background to the Social Enterprise (with charitable status). Thane provided information on the different services provided by Scarf including Home Energy Scotland, Greenskills Scotland.

Most of the services are provided across Scotland and cover a number of areas. There is a number of training opportunities available from Fuel efficient driving lessons to training on energy within Local Authority buildings.

7. APSE Update

Louise Melville provided the group with an update on the work of the association included the newest piece of research "Work it out: Creating local systems of Employability support". This collaborative report from APSE and NLGN scrutinises the current place of local authorities in tackling unemployment. Louise also provided the group with information on APSE's new Promoting Excellence You Tube programme which looks at a number of innovative case studies from local authorities including Liverpool and Aberdeen City. Finally, Louise provided information on the other services provided by APSE including Energy, Solutions, Training, Performance Networks and events.

8. Bright Green Hydrogen & the Hydrogen Office project – who we are & what we do?

Lorna Archer of Bright Green Hydrogen delivered an interesting presentation on the work of Bright Green Hydrogen. The presentation covered the local ambitions for Levenmouth as a leading centre for renewable energy. The Hydrogen Office demonstrates how excess renewable energy can be stored as hydrogen and was awarded LES Challenge Funds of £4.4 million for the project. This allowed for an increase in generation from 750kW to 910kW, an increase in buildings on the microgrid network, hydrogen energy storage system, two hydrogen refuelling stations, energy flow managed by Toshiba H2EMS, a fleet of 17 vehicles served (10 Renault Kangoo electric vans, 5 Ford Transits, 2 Refuse collection vehicles – all dual-fuel vehicles) and investigation into rural hydrogen. During the questions section of the presentation, Lorna confirmed that the facility was not just for demonstration, but was also available for operational use by the public.

9. AOCB

There was no other competent business.

10. Date and time of next meeting – 26 April 2017

11. Lunch

12. APSE Energy meeting

Attendance

Name	Council
Louise Melville	APSE
Phil Brennan	APSE
Cllr Ramsay Milne	Aberdeen City Council
Shirley Forbes	Aberdeen City Council
Caren Webster	Angus Council
Ian Doctor	Clackmannanshire Council
David Kennedy	Clackmannanshire Council
David Godfrey	Dundee City Council
Ian Rogan	East Lothian Council
Douglas Evans	Falkirk Council
Neil Howison	Falkirk Council
Cllr John Wincott	Fife Council
Jennifer Robertson	Fife Council
Ian Baird	Midlothian Council
Gareth Davies	Midlothian Council
Andrew Brockett	North Ayrshire Council
Jonathan Walters	Orkney Islands Council
Maria Cuthbertson	Orkney Islands Council
Jan Falconer	Orkney Islands Council
Serge Merone	Perth & Kinross Council
Thane Lawrie	SCARF
Brian Kyle	Scotland Excel
Gary Roberts	South Lanarkshire Council
John Sanders	West Dunbartonshire Council
Cllr Frank Anderson	West Lothian Council
Peter Rogers	West Lothian Council

Apologies

Stephen Bly	Aberdeenshire Council
Lawrence Hunter	Clackmannanshire Council
Stuart Mawson	Scottish Borders Council
Kenny Nicolson	East Ayrshire Council
Neil Grant	East Ayrshire Council
Stuart Beveridge	Fife Council
Jackie Sayer	Highland Council
David Hammond	North Ayrshire Council
Shona Cargill	Fife Council
Nicole Lochhead	Stirling Council

David Hopper	Stirling Council
Roz Smith	Stirling Council
Eddie Boyd	Highland Council
Andrew Mouat	Glasgow City Council
Greig MacDonald	Glasgow City Council