



**SOUTH WESSEX WASTE MINIMISATION GROUP: 26th June 2019, Merley House,
Wimborne**

MINUTES OF MEETING

1. Present

(see attached)

2. Climate emergency? – Climate Change Adaptation planning (Anna Frizzell – RNLI)

Anna provided a presentation in regard to the projections on climate change that are published by the Met Office.

UKCP18 (last set of figures produced in 2009 – these are the latest produced last year) will help businesses and individuals to take action to improve resilience.

Web pages have been designed and tested to enable users to access information quickly depending on what people want to use it for, as well as being able to visualise the results.

The information can be gleaned from 3 main entry points:

- Website
- User interface
- CEDA catalogue (the raw data)

UKCP18 projects greater chance of hotter drier summers and warmer, wetter winters.

The previous set of projections, UKCP09, were used to assess climate risks for the 2017 UK Climate Change Risk Assessment and inform how to respond to these risks (National Adaptation Programme).

UKCP18 will provide the most up-to-date assessment of how climate in the UK is expected to change over the coming century and will be used to inform the next CCRA (Climate Change Risk Assessment), due in 2022.

Anna provided details of:

- UK Climate Impacts Programme.
- Free Info and tools.
- Takes you through 5 steps (getting started, current climate change vulnerability, future climate change vulnerability, adaptation options and monitor/review)
- BACLIAT Business Areas Climate Impacts Assessment Tool

These are the sections and highlights some of the generic impacts that are likely:

- Markets
- Process
- Logistics
- People
- Premises
- Finance

There are 2 major climate change areas:

- 1) Mitigation: reducing greenhouse gases now (impact)
- 2) Adaptation: how we adapt to climate change now

For example (for the RNLI):

Mitigation (to do)

- Agree energy supply and energy efficiency strategy and plan to 2050 (zero carbon)
- Increase the percentage of renewable energy
- Agree fuel plan to 2040 (vehicles and boats)
- Energy and fuel measuring, monitoring and reporting

Adaptation

- Threats: storms, hotter drier summers, wetter winters, flooding, droughts
- Map communities, estate and infrastructure against climate change projections
- Identify high risk locations, equipment and kit

Anna then undertook an exercise to get delegates to look at the threats to their own businesses and how they can adapt to the climate change impacts i.e. increase in storm events and the severity, sea level rises, increased flooding etc.

Anna's presentation can be found on the website site at www.swwmg.co.uk

3. Plastic Problem? – My Two Pennies Worth to Help (Luke Murray – Bamboogaloo Toothbrush)

Luke provided an overview of the plastics problem and how his company are assisting in tackling this. His initial aim is to reduce plastic toothbrushes by 1 million by 2020.

He also explained that the project is supporting Plastic Oceans.

Luke provided details in regard to ocean plastics, the importance of the ocean, the ocean plastics problem and effects and positive news.

400 million tonnes of plastic of plastic are produced every year. 151 million tonnes of this is single use.

The ocean covers 71% of the earth's surface.

The plastic problem has come about due to poor waste management and the sheer volume which doesn't biodegrade but breaks down into smaller pieces.

The effects can be devastating on marine life – entanglement, injection, micro-plastics etc.

Positive news: In Canada the use of single use plastics will be banned by 2021, EU ban by 2021 and the forthcoming plastics tax (plastics must contain a 30% recycled content)

Luke then explained that 3.6 billion plastic toothbrushes are discarded each year.

His company wish to assist with plastic toothbrush displacement.

The bamboo is sourced from FSA certified forests in China and the packaging is reclaimed paper.

For further information go to www.bamboogaloo.com

4. Renewable Energy Solutions (Stephen Preece – ARBNCO)

ARBNCO are a software company who specialise in developing solutions to manage energy and environmental performance in the built environment.

Stephen discussed renewables such as solar PV, wind, wave, tidal, hydro and low carbon (not pure renewable).

Solar and on-shore wind are the cheapest low cost options. PV is beneficial if the heat is used during the day.

ARBN renew provides a first stage feasibility study for the deployment of a whole range of renewable energy systems at any site based on location, geometry and consumption of heat and power.

Stephen discussed the 7 renewable energy technologies: PV ground mounted solar, PV roof mounted solar, wind, biomass heating, biomass CHP, Gas CHP and battery storage. Software will analyse the renewable technologies and look at which will be most beneficial for a specific building.

Nuclear and energy storage are solutions that must be considered.

For further details go to: <https://arbnco.com/our-mission/>

5. Waste Management Facilities (Lisa Delahunty)

Lisa provided an overview of the services offered by Waste Management Facilities

The company will help identify the most cost-effective and compliant options for the removal and recycling of all construction waste types.

From pre-site consultation and setup to final sign off, the company deliver a one-stop solution. They work nationwide to supply all types and sizes of waste containers for all waste streams.

Waste Management Facilities provides a waste removal service that is cost-effective and which maximises recycling levels. In-depth reporting monitors all waste streams, volumes and recycling percentages.

The company use the 6Rs waste management system:

Reduce, Re-use, Recycle, Recover, Reclaim, Remove

The WMF methodology is:

Observe...Look at what WASTE your Business Produces

Validate...Ensure you record all WASTE accurately

Quantify...Consider why your company produces WASTE

Cost...Establish the exact Cost per Bin, Item, or removal of WASTE

Review...Always consider alternative WASTE Handling Protocols

For further details contact WMF on 01202 535888 or at <https://www.wmfltd.co.uk/>

6. AOB

➤ **Dates of meetings for next year – all to be held at Merley House, Wimborne:**

- **Wednesday 18th March 2020**
- **Wednesday 24th June 2020**
- **Wednesday 2nd December 2020**

7. Date and Venue of next meeting:

Thursday 12th December 2019 , Merley House, Wimborne