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NOTICE OF MEETING



SUSTAINABILITY PANEL

will meet on

TUESDAY, 29TH NOVEMBER, 2016

At 7.00 pm

in the

COUNCIL CHAMBER - TOWN HALL, MAIDENHEAD

TO: MEMBERS OF THE SUSTAINABILITY PANEL

COUNCILLORS MARION MILLS (CHAIRMAN), DAVID COPPINGER (VICE-CHAIRMAN),
NICOLA PRYER, DEREK SHARP, LYNDA YONG AND SIMON WERNER

SUBSTITUTE MEMBERS

COUNCILLORS MICHAEL AIREY, GERRY CLARK, PHILIP LOVE, JACK RANKIN,
EDWARD WILSON, MALCOLM BEER OR LYNNE JONES

Karen Shepherd - Democratic Services Manager - Issued: Monday 21 November 2016.

Members of the Press and Public are welcome to attend Part I of this meeting. The agenda is available on the Council's web site at www.rbwm.gov.uk or contact the Panel Administrator **Tanya Leftwich** 01628 796345

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AGENDA

PART I

<u>ITEM</u>	<u>SUBJECT</u>	<u>PAGE NO</u>
1.	<u>APOLOGIES FOR ABSENCE</u> To receive any apologies for absence.	-
2.	<u>DECLARATIONS OF INTEREST</u> To receive declarations of interests from Members of the Panel in respect of any item to be considered at the meeting.	5 - 6
3.	<u>MINUTES</u> To note the Part I minutes of the meeting of the Panel held on the 3 October 2016.	7 - 10
4.	<u>OPEN FORUM</u> Opening remarks by the Chairman on the Panel's role.	-
5.	<u>SCHOOLS RE:FIT FRAMEWORK</u> By Rob McKinnon (Local Partnerships).	-
6.	<u>UPDATE FROM THE WASTE TEAM</u> By the Waste Strategy Manager (Naomi Markham).	-
7.	<u>UPDATE FROM THE ENERGY TEAM</u> By the Energy Reduction Manager (Michael Potter).	11 - 20
8.	<u>DATE OF FUTURE MEETINGS</u> The dates of future meetings are as follows (7pm start): <ul style="list-style-type: none">• Tuesday 31 January 2017• Monday 6 March 2017• Tuesday 9 May 2017	-

PRIVATE MEETING

<u>ITEM</u>	<u>SUBJECT</u>	<u>PAGE NO</u>
9.	<u>MINUTES</u> To note the Part II minutes of the meeting of the Panel held on the 3 October 2016. <i>(Not for publication by virtue of Paragraph 2 of Part 1 of Schedule 12A of the Local Government Act 1972)</i>	21 - 22

MEMBERS' GUIDANCE NOTE

DECLARING INTERESTS IN MEETINGS

DISCLOSABLE PECUNIARY INTERESTS (DPIs)

DPIs include:

- Any employment, office, trade, profession or vocation carried on for profit or gain.
- Any payment or provision of any other financial benefit made in respect of any expenses occurred in carrying out member duties or election expenses.
- Any contract under which goods and services are to be provided/works to be executed which has not been fully discharged.
- Any beneficial interest in land within the area of the relevant authority.
- Any license to occupy land in the area of the relevant authority for a month or longer.
- Any tenancy where the landlord is the relevant authority, and the tenant is a body in which the relevant person has a beneficial interest.
- Any beneficial interest in securities of a body where
 - a) that body has a piece of business or land in the area of the relevant authority, and
 - b) either (i) the total nominal value of the securities exceeds £25,000 or one hundredth of the total issued share capital of that body **or** (ii) the total nominal value of the shares of any one class belonging to the relevant person exceeds one hundredth of the total issued share capital of that class.

PREJUDICIAL INTERESTS

This is an interest which a reasonable fair minded and informed member of the public would reasonably believe is so significant that it harms or impairs your ability to judge the public interest. That is, your decision making is influenced by your interest that you are not able to impartially consider only relevant issues.

DECLARING INTERESTS

If you have not disclosed your interest in the register, you **must make** the declaration of interest at the beginning of the meeting, or as soon as you are aware that you have a DPI or Prejudicial Interest. If you have already disclosed the interest in your Register of Interests you are still required to disclose this in the meeting if it relates to the matter being discussed. A member with a DPI or Prejudicial Interest **may make representations at the start of the item but must not take part in discussion or vote at a meeting.** The term 'discussion' has been taken to mean a discussion by the members of the committee or other body determining the issue. You should notify Democratic Services before the meeting of your intention to speak. In order to avoid any accusations of taking part in the discussion or vote, you must move to the public area, having made your representations.

If you have any queries then you should obtain advice from the Legal or Democratic Services Officer before participating in the meeting.

If the interest declared has not been entered on to your Register of Interests, you must notify the Monitoring Officer in writing within the next 28 days following the meeting.

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Agenda Item 3

SUSTAINABILITY PANEL

MONDAY, 3 OCTOBER 2016

PRESENT: Councillors Marion Mills (Chairman), David Coppinger (Vice-Chairman), Derek Sharp and Simon Werner

Also in attendance: Nigel Conder (Propelair), Oliver Cullum (Propelair), and Martin Fry (MRF&A / City University).

Officers: Tanya Leftwich, Michael Potter, Lisa Pigeon and Naomi Markham.

APOLOGIES FOR ABSENCE

Apologies were received from Councillors Nicola Pryer and Lynda Yong.

DECLARATIONS OF INTEREST

None received.

The Chairman informed everyone present that the meeting was being recorded and that the audio would be made available on the RBWM website.

The Chairman informed everyone present of the fire evacuation procedures and asked that all mobile phones were switched off during the meeting.

MINUTES

The Part I minutes of the meeting held on Tuesday 12 July 2016 were agreed as a correct record subject to Councillor Werner's apologies being added.

OPEN FORUM

Nothing raised.

The Chairman informed everyone present that the Panel's role was to deliver the Council's Sustainability Strategy that had got six separate work streams which were available on the RBWM website (sustainability, energy, water, waste, transport, renewable generation). It was noted that the work streams fed into a list of three main pathways.

Members were asked for any ideas or residents ideas on sustainability to be fed into the Chairman.

PROPELAIR WATER SAVING TOILETS

The Chairman welcomed the Sales and Marketing Director – Propelair, Nigel Conder and Oliver Cullum to the meeting and invited Nigel to address the Panel. Members were given a brief presentation on "Propelair – High performance 1.5 litre flush toilet".

The presentation covered the following:

- Why Propelair?
- 1.5 litre flush toilet.

- Video.
- Product approvals.
- Current customers.
- Customer – Brighton & Hove City Council.
- Customer – London Borough of Redbridge.
- Customer – Thames Water.
- Monitoring Maidenhead Town Hall.
- Monitoring Windsor Town Hall.

In the ensuing discussion the following points were noted:

- That in addition to direct water savings for the Council there would also be an indirect CO2 saving as a result of the water supplier having to use less electricity when processing the water.
- That the toilet lid closed manually and the toilet handle was sterile.
- That a pre-installation site survey would take place in the first instance with the view to installing the Propelair toilet to the existing soil pipe.
- That the Propelair toilet flushed water around 30 metres from the source of the flush.
- An example was given of the Princess Alexandra Hospital which had experienced drain issues but had not experienced any since installing Propelair toilets.
- That the payback period for 10 toilets was approximately 8.6 years, depending on usage.
- It was suggested by the Sales and Marketing Director that a site visit could be arranged to take Members of the Panel to another Council where Propelair toilets had been installed. It was noted that if this was of interest to the Panel they would make contact via the Clerk.

The Chairman thanked Nigel Conder and Oliver Cullum for attending the meeting and presenting to the Panel.

UPDATE FROM THE WASTE TEAM

The Chairman welcomed the Waste Strategy Manager, Naomi Markham, to the meeting and invited her to update the Panel. The Waste Strategy Manager explained that she had been to a previous Sustainability Panel earlier in the year where she had given Members data with regard to the food waste collections in the Royal Borough of Windsor and Maidenhead from the first quarter.

Members were informed that the September figures were not available to date but that up until the end of August there had been just over a 43% increase on food waste collected in the Royal Borough.

It was noted that the Council had saved just under £41k on food collection costs in the first seven months of collections.

The Waste Strategy Manager informed the Panel that she had been delighted to see the volume of food waste collected in May had increased by 65% from the same month in 2015.

The Waste Strategy Manager explained that she wanted to maintain the momentum and was now looking at harder to reach areas that did not recycle as much as they could for example flats.

In the ensuing discussion, the following points were noted:

- That the Panel would like to be updated on the increase in food collections shown month on month.
- That food waste bags were still available to residents from all Royal Borough libraries, the receptions in the Town Hall in Maidenhead and York House in Windsor.

- That Stafferton Way had seen a 20% increase in food waste collections by way of residents using the green liners.
- That 2,500 containers had been distributed and levels of waste collections had been maintained.
- That a trial would be starting this month with regard to flats where bins were not labelled up well in bin stores as part of a rolling campaign. It was noted that a door knocking exercise would be taking place tomorrow to inform residents of the campaign which included a leaflet of the do's and don't's. The Waste Manager explained the flat residents would be left with a storage bag which had worked well in London Boroughs. It was noted that the target was to achieve 95% recycling. The Waste Manager informed the Panel that the campaign would cost approximately £30k and would be delivered by EnviroComms.
- That it was still not possible for the food waste bags to be delivered with the ATRB newsletter as the newsletter was now delivered by Royal Mail.
- That Veolia would not distribute the food recycling sacks to residents on a bag for bag basis (like in Ealing) as they believed there to be a health and safety issue involved. It was noted that there was 2.5 years remaining on the Veolia contract but that it could be something that could be looked into in the future. Councillor Derek Sharp stated that he would be interested to see the vehicles used by Veolia.
- It was questioned whether Veolia was contributing towards the cost of education pupils about recycling. The Waste Manager explained that there was no incentive in the contract with Veolia but that they were very helpful with other things such as textile recycling at no extra cost.
- That no leeway was given regarding uncollected bins and that mis-collections were paid to the Council on a monthly basis. It was noted that for the vast majority of the time Veolia was collecting 99.9% of bins.
- That whilst individual roads could not be identified as being better at recycling than others food waste areas could be identified.
- That green waste could not go to anaerobic digestion and that if green waste and food waste was collected together (as in Buckinghamshire) then the Council would not be able to charge for the garden waste collection.
- That kitchen food waste would be cost effective if it could be linked to commercial food waste or joined with another Borough.

Councillor Werner requested that the Waste Strategy Manager emailed him detailed food waste collection figures along with the information behind the figures.

The Chairman thanked the Waste Strategy Manager for her update, wished her luck with the future campaign and stated that she looked forward to receiving an update at the next meeting.

UPDATE FROM THE ENERGY REDUCTION MANAGER

The Energy Reduction Manager, Michael Potter, referred Members to pages 13-24 of the agenda and explained that the report provided an update and gave the Panel an overview of the progress being made to deliver the Panel's energy reduction strategy.

The key areas covered were noted as follows:

- Energy reduction performance 2016/17
- RBWM Energy Switch to Save
- Schools energy saving competition
- Town Hall Building Management System (BMS) project
- Maidenhead District Energy Network
- Water Saving Toilet Trial
- Work planned over the next period until the next Sustainability Panel

In the ensuing discussion, the following points were noted:

- That a lot of energy reduction savings would be made through LED lights.
- The Chairman asked that the Energy Reduction Manager continue to encourage people to sign up to the switch to save campaign and continue to help to raise the profile.
- The Vice-Chair expressed his concerns regarding the timings of the schools energy saving competition as he felt that virtually no notice would be given to schools. The Vice-Chair informed the Energy Reduction Manager that he felt the earliest this competition could be run would be at Christmas time. The Chairman requested that the prize awarded be given via a presentation. It was agreed by the Panel that this scheme should go ahead with the competition being run in January. The Energy Reduction Manager agreed to email Head teachers regarding timescales.
- The Energy Reduction Manager informed the Panel that the RE:FIT energy performance contract was currently being reviewed and that the Council was speaking to a third party company to review the contract as a whole.
- The Panel was informed that the assessment looking into the possibility of installing a District Energy Network in Maidenhead was now complete and a final report had been issued. It was noted that the report was with the Regeneration Team for comment and that the Energy Reduction Manager was waiting to hear back from the Director of Planning, Development & Regeneration, Chris Hilton. It had been suggested that the gas generator could be located in the Nicholson's Car Park. The Panel agreed that it was worth investigating depending on the reaction from the Regeneration Team but that the Council would need to get the timing right.

That work planned over the next period included:

- Completing the energy switching campaign.
- Setting a low flush toilet trial in the Town Hall public toilets.
- Tendering the Town Hall BMS project.
- Gaining support for the Schools Energy Saving Competition in schools.
- Finalising plans for the LED upgrade programme phase 2

UNANIMOUSLY AGREED; The Panel noted:

- ❖ **The progress made and commented on the proposed work plan over the next period as detailed in paragraph 17.24.**
- ❖ **That more information needed to be provided at the next meeting in November with regard to a trial of low flush toilets in the public toilets of the Town Hall subject to procurement rules and final pre-installation checks at a cost of up to £15k using CY03 capital code.**

DATE OF FUTURE MEETINGS

Future meeting dates were noted to be as follows:

- Tuesday 29 November 2016
- Thursday 19 January 2017
- Monday 6 March 2017
- Tuesday 9 May 2017

The Chairman requested that the meeting start time remain at 19:00 going forward.

The meeting, which began at 7.00 pm, finished at 8.40 pm

CHAIRMAN.....

DATE.....

Report for: ACTION



Contains Confidential or Exempt Information	PART I – Main report
Title	Energy Reduction Manager Update
Responsible Officer(s)	Craig Miller, Head of Community Protection & Enforcement Services
Contact officer, job title and phone number	Michael Potter, Energy Reduction Manager Tel: 01628 68 2949
Member reporting	Cllr Coppinger, Lead Member for Sustainability
For Consideration By	Sustainability Panel
Date to be Considered	29th November 2016
Implementation Date if Not Called In	Immediately
Affected Wards	All

REPORT SUMMARY

1. This report provides an overview of the progress being made to deliver the Council's energy reduction strategy.
2. This update report recommends that Members note progress on the building LED lighting project phase 2, RBWM Energy Switch to Save, Town Hall BMS project, Propelair low flush toilets and comment on the proposed work plan until the next Sustainability Panel. It recommends that the LED lighting project is approved.
3. Recommendations are being made because it is important that Members provide comment and direction on the work being carried out and that the sustainability strategy targets are met.

If recommendations are adopted, how will residents benefit?

Benefits to residents and reasons why they will benefit	Dates by which residents can expect to notice a difference
1. By reducing utility and waste costs, the Borough is providing better value for money to its residents.	March 2017

1. DETAILS OF RECOMMENDATIONS

RECOMMENDATION: the Panel are asked to note the progress made and comment on the proposed work plan over the next period as detailed in paragraph 17.24.

RECOMMENDATION: the Panel are asked to approve the building LED lighting project phase 2 subject to procurement rules at a cost of £35,000 using the CY03 capital code. Also, that delegation be given to the Head of Community Protection & Enforcement Services (Craig Miller), in consultation with the Lead Member for Sustainability, to review any variance of the cost following a tender exercise.

2. REASON FOR RECOMMENDATION(S) AND OPTIONS CONSIDERED

2.1 The Council is currently working towards a four year Sustainability Strategy running from April 2014 to March 2018. The strategy focuses on 6 workstreams including: Sustainability, Energy, Water, Waste, Transport and Renewable Generation. The strategy has three key targets over the four year period which are:

1. Reduce energy use in the Council building estate by 15% in 2017/18 compared to a 2013/2014 baseline.
2. Reduce water usage in the Council's corporate office buildings by 3% in 2017/18 compared to a 2013/2014 baseline.
3. Recycling rates increased to 55% in 2017/18.

Each year an action plan is drawn up to enable the Council to meet these targets as well as other goals presented in the strategy documents. This update provides a progress report for the energy workstream.

After the first two years of the strategy the 2013/2014 energy baseline has been reduced by 12.5%. This equates to the Council avoiding just under £130,000 of energy costs over these two years.

Option	Comments
(a) The Council does not work towards the sustainability strategy. This is not recommended	(a) Failing to work towards the sustainability strategy would mean the Council would not be able to meet its legislative commitments, would not be able to continually drive down energy costs and therefore would not be offering value for money for its residents.
(b) The Council works according to the current and any future sustainability strategy. This is the	(b) The Council will be able to meet all its legal requirements whilst improving the local environment and providing value for money for its residents.

Option	Comments
recommended option	
(c) Members of the panel are asked to approve the building LED lighting project phase 2. This is the recommended option	(c) This work will enable the Council to meet some of its energy reduction target and it will help reduce revenue expenditure by an estimated £6.5k per annum.

3. KEY IMPLICATIONS

Defined Outcomes	Unmet	Met	Exceeded	Significantly Exceeded	Date they should be delivered by
Overall reduction of annual gas and electricity consumption in Council buildings in 2016/17 compared to the 2013/14 baseline.	<11%	11-12%	12.1-13%	>13%	31 st March 2017

4. FINANCIAL DETAILS

Financial impact on the budget

- 4.1 If approved the highlighted projects for LED lighting will require capital expenditure of £35,000. It is anticipated that this expenditure will come from the 2016/17 CY03 capital code.

5. LEGAL IMPLICATIONS

- 5.1 Should the panel choose to approve the recommendation of a trial of low flush toilets and LED lighting then the suppliers will be procured according to contract rules.

6. VALUE FOR MONEY

- 6.1 The work to reduce the Council's energy and water usage will provide residents with better value for money if the Council continues to reduce energy and water usage as projected.

7. SUSTAINABILITY IMPACT APPRAISAL

- 7.1 All the work referred to in this update relate to improving the sustainability of the Council.

8. RISK MANAGEMENT

Risks	Uncontrolled Risk	Controls	Controlled Risk
Targets for overall energy and water reduction are not met.	High	By providing updates at each panel meeting, Members are able to keep track of overall progress to ensure the Council meets its annual projected reductions and savings commitments.	Low
Increasing energy and water costs for the council puts additional pressures on budgets.	High	By providing updates at Panel meetings on progress to reduce energy and water usage and progress on securing the best available energy contracts, Members will be able to assess the work that is taking place to ensure that cost increases are minimised as far as possible.	Low

9. LINKS TO STRATEGIC OBJECTIVES

9.1 The Energy Manager's Update meets the following strategic priorities of the Council:

Residents First

- Improve the Environment, Economy and Transport
- Work for safer and stronger communities

Value for Money

- Deliver Economic Services
- Improve the use of technology
- Invest in the future

Delivering Together

- Enhanced Customer Services
- Deliver Effective Services
- Strengthen Partnerships

Equipping Ourselves for the Future

- Equipping Our Workforce
- Developing Our systems and Structures
- Changing Our Culture

10. EQUALITIES, HUMAN RIGHTS AND COMMUNITY COHESION

10.1 There are no direct equalities, human rights or community cohesion implications arising from this report.

11. STAFFING/WORKFORCE AND ACCOMMODATION IMPLICATIONS

11.1 There are no direct staffing/accommodation implications arising from this report.

12. PROPERTY AND ASSETS

12.1 This update contains content relating to the improvement of the Council's buildings and the information collated about them.

13. ANY OTHER IMPLICATIONS

13.1 There are no other implications.

14. CONSULTATION

14.1 No formal consultation has been carried out.

15. TIMETABLE FOR IMPLEMENTATION

Date	Details
31/03/2017	Completion of current annual plan.

16. APPENDICES

16.1 None

17. BACKGROUND INFORMATION

Building LED Lighting project phase 2

17.1 At the July Sustainability Panel 15 sites were proposed as potential sites for a second LED lighting upgrade phase. Following further investigations it was found that 7 of the remaining 15 sites would be suitable for upgrading. These 7 sites are:

- Maidenhead Library
- Windsor Library (small number of lights identified)
- Guildhall public toilets
- Victoria Street Car Park toilets
- Maidenhead Town Hall (small number of lights identified)
- Boyne Grove Community Research Centre
- Braywick Nature Centre

17.1 It is envisioned that the project would be a retrofit upgrade and purely replace the existing lamps included within the project scope (currently 750 lamps). Whole

fittings maybe replaced if this is advantageous or if there are specific problems with a fitting though. Dimmable lamps will be used in appropriate places e.g. less frequently used areas such as toilets.

- 17.2 The lighting upgrade is expected to cost £35,000 based on current estimates. The replaced lamps will save 60% of current energy usage which will create a revenue saving for the Council of an estimated £6.5k per annum. Individual site paybacks will vary depending on the length of time the lights are in use and the types of lights being upgraded. Overall the project is expected to payback in 5 years allowing some contingency. This is slightly longer than the phase 1 project which is due to payback in just over 2 years. The main reason for this is that the phase 1 project included very large savings generated from Hines Meadow Car Park.
- 17.3 Further to revenue cost savings the LED lighting will provide further benefits over the existing florescent lighting. Due to the fact that the LED lamps can last for 5 years this means there will be a reduced number of maintenance call outs and that replacement lamp costs will be reduced. Since LED lamps are more efficient this will reduce the electrical demand of buildings where the lamps are replaced and both reduce carbon emissions and the Council's future electrical capacity charges. LED lighting does not flicker or buzz at the end of its life like florescent lighting can do. LED lighting also maintains the light levels over its life much better than a florescent light will.
- 17.4 If the project is approved, the 2016/17 CY03 capital budget will be used for this project.

RBWM Energy Switch to Save

- 17.5 The Council's first energy switching campaign has now ended after almost 3 months of being live. Whilst the levels of registration have not been as high as hoped (55 at the auction) it is promising to see that some great savings have been available for our residents. Residents have also had the opportunity to register after the auction date at the same rates achieved at the auction. The winning supplier was SSE for all tariff types other than prepayment meters. Robin Hood Energy won the prepayment tariffs. The tariffs offered by SSE were exclusive to the auction, however, Robin Hood Energy used its existing market leading tariff for prepayment meters to win those customers.
- 17.6 The potential average household saving in the borough following the auction process was £244.74. This is the highest potential saving of any local authority in the scheme. However, interestingly only 65% of registrants could actually make a saving by switching supplier. This percentage came out at around the median of all authorities in a rankings table. Potentially this is highlighting a number of things: that both regular switchers and irregular switchers registered; that the irregular switchers have not switched for a very long time and are on variable rate tariffs; that there is a core group of savvy regular switchers that were interested in the scheme. There were no offline registrations prior to the auction and this is showing that the message is perhaps not reaching all areas of the borough. The three most cited ways that residents stated they found out about the scheme were Council website, newspaper and social media respectively.
- 17.7 Further information will become available for analysis in early December after the switching period has closed. At this point the final number of people that have

switched supplier will be known, what the overall saving was for the borough, what the final average saving per household was, if there are any residents that were willing to share their information with the Council (this may lead to a case study) as well as other interesting facts about the borough's first auction.

- 17.8 As a minimum the Council must partake in one switching campaign each year for the next two years. Ichoosr run three auctions a year and so the Council can choose to participate 1 to 3 times a year. It would be good to maintain momentum and participate in as many auctions as possible but the level of commitment will need to be agreed with the relevant internal teams. The next auction is the 14th February and registration opens 6th December. There is also an auction on 23rd May.

Town Hall BMS project

- 17.9 Unfortunately the Town Hall building management system (BMS) project has been held up within shared building services. The tender documentation is still in the process of being revised. The delays have meant that it is no longer possible to complete the project before the end of the calendar year. Once the tender process is complete a full timetable will be issued.

Water Saving Toilet trial

- 17.10 Two local authority customers of Propelair toilets have been contacted to find out their opinions on the Propelair toilets they have installed. This was to determine maintenance levels of the toilets themselves, if there were any issues with drainage and how staff/ the general public have found using the toilets.
- 17.11 London Borough of Redbridge installed the toilets throughout a 13 storey office block about a year ago. Overall their experience of the toilet has been very positive. They shared the following information:
- There have been no maintenance issues in the first year.
 - The drains have improved from the change – blockages were commonplace (roughly 3 a week) before the installation. Since the installation there have not been any blockages.
 - Initially people using the toilets didn't like using the toilets for hygiene reasons i.e. having to touch the seat before and after using the toilet. However, after a period of adjustment people are now using the toilets without any major concern. It should be noted that the version of the toilet installed is a slightly older model and the toilet lid handle is not impregnated with antimicrobial additives to improve hygiene. The toilet lid now has this included as standard.
 - There has been a reduction of smells in the toilets.
 - Water savings achieved as expected.
- 17.12 Brighton and Hove City Council installed the toilets in the Brighton pavilion public toilets 2 years ago. Due to their location these toilets were heavily used and costing around £10k a year in water costs. They have halved their water costs by installing the toilets to replace their old 10L cisterns. Comments made with regards to their experiences were:

- There were some initial problems with drainage. Following a survey it was determined that this was not the fault of the Propelair toilet but was

actually due to needles being flushed down the loo. It was recommended that a drain survey was carried out prior to installation.

- Maintenance costs have been very low. A bit more maintenance was carried out in year two but still low cost. Propelair have trained the Council's maintenance contractor how to repair the toilets.
- That the toilets can shudder when they flush.
- That people don't like touching the lid as well as the flush button. It would be better to have a sensor flush.
- Less than 10 complaints in two years with 150,000 people using the toilets a year.
- The toilet seals have discoloured.

17.13 Overall both references were happy with the product and one was considering installing more. It was noted, however, that the payback is not always favourable and that it is best where the old cisterns are large and the toilets are heavily used.

17.14 Propelair have provided their call out log figures for 2016. These figures were adjusted to a full year and are presented below. There are currently 2327 units installed.

Damage/ Mis-use	29	1.25%
Water Level	7	0.31%
Parts/ Warranty	33	1.40%
Blockage/ Drainage issue	12	0.52%
Installer Issues	7	0.31%
	<u>88</u>	<u>3.79%</u>

Overall call-out levels are reasonably low, however, parts/ warranty is the most likely reason for a call out.

17.15 Propelair have said that they will not reduce the cost of the toilets for the Council's trial in the Town Hall. If the Council was to commit to a larger number of toilets but install in phases then they would charge us the appropriate percentage reduction on all the toilets. With the maximum reduction of 30% applied, the payback in the Town Hall public toilets is 7.3 years – this requires committing to 100 toilets though.

17.16 Subject to comments from members, although the Propelair toilets would make good water savings and have positive reviews, perhaps a trial is not appropriate at this time due to the cost of the units. It is suggested that this project is reviewed in 6-12 months time to see if there are any other market alternatives/ Propelair have reduced their prices.

17.17 As an alternative to installing the Propelair toilets the Energy Reduction Manager is looking at appropriate controls for urinals, replacement of taps where appropriate, reduction of water pressure to taps where possible and the possibility of reducing the WC cistern capacities by small amounts using water hippos.

17.18 The work for the next period includes:

- Working with shared building services on the Town Hall BMS project.
- Working on the LED upgrade programme phase 2 tender documentation.
- Further development of schools energy saving competition.
- Development of staff energy awareness scheme.
- Further investigations into water saving measures.

18. CONSULTATION (MANDATORY)

Name of consultee	Post held and Department	Date sent	Date received	See comments in paragraph:
Internal				
Lisa Pigeon	Environmental Health Lead, Operations	01/11/2016	10/11/2016	Throughout
Cllr Coppinger	Lead member for Sustainability	10/11/2016	10/11/2016	
Cllr Mills	Chairman of the Sustainability Panel	10/11/2016		

REPORT HISTORY

Decision type:	Urgency item?
Non-key decision	No

Full name of report author	Job title	Full contact no:
Michael Potter	Energy Reduction Manager	01628 682949

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Agenda Item 9

By virtue of paragraph(s) 2 of Part 1 of Schedule 12A of the Local Government Act 1972.

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