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NOTICE OF MEETING



SUSTAINABILITY PANEL

will meet on

TUESDAY, 12TH JULY, 2016

At 7.30 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, LYNDY YONG AND SIMON WERNER

COUNCILLORS

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 4 July 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 Monday 16 May 2016.	7 - 12
4.	<u>OPEN FORUM</u> Opening remarks by the Chairman on the Panel's role.	-
5.	<u>LEISURE CENTRE ENERGY SAVING PLAN</u> By Mark Camp-Overy (Legacy Leisure).	-
6.	<u>ENERGY SWITCHING CAMPAIGN</u> By Adam Parvez (Ichoosr).	-
7.	<u>SOLAR BINS AND BIN MONITORING TECHNOLOGIES</u> By the Senior Streetcare Officer (Tony Robinson), RBWM.	-
8.	<u>UPDATE FROM THE ENERGY REDUCTION MANAGER</u> By the Energy Reduction Manager (Michael Potter), RBWM.	13 - 24
9.	<u>DATE OF FUTURE MEETINGS</u> The dates of future meetings are as follows: <ul style="list-style-type: none">• Monday 3 October 2016• Tuesday 29 November 2016• Thursday 19 January 2017• Monday 6 March 2017• Tuesday 9 May 2017	-

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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, 16 MAY 2016

PRESENT: Councillors Derek Sharp (Chairman), David Coppinger (Vice-Chairman), Marion Mills, Nicola Pryer and Ed Wilson (Sub for Lynda Yong).

Also in attendance: Alistair Scott (Designs for Lighting Ltd).

Officers: Tanya Leftwich, Michael Potter, David Scott, David Thompson and Naomi Markham.

APOLOGIES FOR ABSENCE

Apologies were received from Councillor Lynda Yong (Councillor Ed Wilson attended as sub).

Apologies were also received from Martin Fry (MRF&A / City University).

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.

MINUTES

The Part I minutes of the meeting held on Monday 14 March 2016 were agreed as a correct record subject to Councillor Marion Mills being added to the attendance list.

OPEN FORUM

Nothing raised.

LED STREETLIGHTING PROJECT UPDATE

The Chairman explained that at the last meeting it had been suggested that Designs for Lighting Ltd be invited to attend to explain the Central Management System. The Chairman welcomed Alistair Scott (Designs for Lighting Ltd) and the Contract and Commissioning Lead (David Thompson) to the meeting and invited them to address the Panel.

The presentation covered the following areas:

- Project Update.
- Central management System.
- Installation & Commissioning.
- Feature: Full Monitoring and Control.
- Light Output.
- Future.

The following points in response to the presentation were noted:

- That it had been agreed at April Cabinet to re-tender for four separate packages; luminaires, CMS, installation and maintenance and that the tenders were expected back by the 15 June 2016 for presentation to Cabinet in July.

- It was hoped that the entire upgrade programme would be completed by February 2018.
- That it was looking at a reduction of around 70% in electricity consumption .
- That it was planned to change c14,000 street lights to LED.
- The Contract and Commissioning Lead explained that he planned to liaise with the Parish Councils to update them on the project of which they are aware and address any issues, concerns and priorities.
- That heritage lights would not be changed but retro-fitted whereby the internal lighting devices would be changed as opposed to the complete lantern and then tested to ensure correct lighting levels were being achieved.
- That LEDs worked better in cold weather.
- That the LED lights would use mains voltage.
- That some areas in the UK were already using car charging points on lamp posts.
- The use of CMS and its network could be developed in the future to include for additional functionality such as traffic monitoring, car parking and air quality monitoring, smart metering etc as part of the 'smart city' initiatives
- That if the Council was spending £626k at the moment on lighting the system would equate to £420k savings, in addition to savings in maintenance costs.
- Once installed the system allowed for significant savings in maintenance by reducing the amount of night scouting, the number of lamp changes and from significant reliability improvements in the lanterns.
- That the cost of the project was looking to be reduced by approximately 30% with an overall budget reduction of c £2million.

The Chairman thanked Alistair Scott (Designs for Lighting Ltd) and the Contract and Commissioning Lead (David Thompson) for addressing the Panel.

FOOD WASTE SCHEME UPDATE

The Chairman welcomed the Waste Strategy Manager, Naomi Markham, to the meeting and invited her to present to the Panel. The Waste Strategy Manager referred Members to pages 11-14 of the agenda and explained that the report provided an update on food waste collections in the Royal Borough of Windsor and Maidenhead. Members were informed that the report set out the results of the food waste recycling campaign that had run from September to November 2015 and outlined future plans for further promotion of food waste recycling.

The Waste Strategy Manager informed the Panel that she had been delighted to see the volume of food waste collected in January (a 44% increase from the same month in 2015) had been maintained throughout March.

In the ensuing discussion, the following points were noted:

- That food waste bags were now available to residents from all Royal Borough libraries, the receptions in the Town Hall in Maidenhead and York House in Windsor.
- 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.
- That flats where bins were not labelled up well in bin stores were being looked into as part of a rolling campaign and targeted as necessary. It was noted that the target was to achieve 95% recycling.
- That a trial would be taking place in June with regard to the annual supply of food waste bags. It was noted that Veolia had stated that they would charge the Council extra to deliver the food waste bags as it was a lost efficiency for them. The Waste Strategy Manager agreed to ask how much Veolia would charge to deliver the food waste bags to residents in the Royal Borough.
- That the annual savings could reach £60k. It was noted that a grant had been received from DCLG of £100k of which £45k had been spent to date.

- That it would not be possible for the food waste bags to be delivered with the ATRB newsletter as the newsletter was now delivered by Royal Mail.

The Chairman thanked the Waste Strategy Manager for her update and requested that updates be provided to future meetings on a regular basis, although attendance at every meeting was felt not to be essential.

UPDATE FROM THE ENERGY REDUCTION MANAGER

The Energy Reduction Manager referred Members to pages 15-26 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:

- Town Hall Solar Panels
- Water Baseline
- Integrated Performance Management Report (IPMR) – energy target
- Energy Switching Campaign
- Building LED lighting project
- Work planned over the next period

It was noted that the Council was currently working towards a four year Sustainability Strategy running from April 2014 to March 2018 and that the strategy focused on six workstreams including: Sustainability, Energy, Water, Waste, Transport and Renewable Generation. Members were informed that the strategy had three key targets over the four year period which were:

1. Reduce energy 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.

In the ensuing discussion, the following points were noted:

- That the solar panels had generated energy savings and a feed in tariff income of just over £13.5k in the year following their installation. It was noted that an article would be going out in the Around the Royal Borough newsletter about the Town Hall Solar Panels. It was suggested that Parish newsletters also be looked into as a way of low cost advertising.
- It was suggested that RBWM officers could help spread the word about the solar panels success.
- That in total the water baseline showed that the Council used almost 44,000m³ (44 million litres) of water a year which equated to roughly the equivalent of 22 Olympic-size swimming pools worth of water. It was noted that the 3% reduction target for 2017/18 would be 1308 m³ based upon this baseline which was the equivalent to removing the water consumption of Maidenhead Road Allotments from the portfolio or just over half an Olympic swimming pool's worth of water. Members were informed that the issue with urinal control in the toilets at River Street Car Park, a well used toilet block, had been fixed but that further work still needed to be done. It was noted that this toilet block was top of the list to be investigated.
- It was noted that the payback periods for waterless urinals at River Street Car Park and the Coach Park toilets would be provided to the Panel at the next meeting.

That work planned over the next period included:

- Ensuring the LED lighting project snagging was fully completed.
- Agreeing the contracts for the Energy Switching Campaign.

UNANIMOUSLY AGREED; The Panel noted the progress made and commented on the proposed work plan over the next period as detailed in paragraph 17.21.

A.O.B.

Councillor Ed Wilson raised the subject of Bigbelly bins which were solar powered bins located all around the city. It was noted that the bins had a solar panel on top and two sensors inside the bin one to say when the rubbish needs compacting and one to text the waste team to say the bin almost needs emptying. Councillor Ed Wilson explained that these bins could take a greater volume of rubbish and would not overflow, which would save the cleaning costs associated to overflowing bins. It was noted that if installed in the Royal Borough the Council would be provided with knowledge as to when bins were full and needed emptying on which days and could therefore mould collection days around the data.

Members were informed that Councillor Ed Wilson had met with Bigbelly bins and believed these bins should be trialled in the Royal Borough, particularly central Windsor on Friday and Saturday nights. It was noted that Councillor Ed Wilson had spoken to the Lead Member to see if a trail was possible and had also canvassed the idea and wanted feedback from Maidenhead and Ascot residents. Councillor Ed Wilson asked the Panel if they would like to see a Bigbelly bin trialled in the Town Hall. It was noted that the bin could be advertised on and screwed into the ground which would mean it could be moved from ceremonial areas as and when needed.

It was noted that a Bigbelly recycling bin could be placed next to a regular bin to see if it encouraged recycling. It was suggested that a receptacle for ash from cigarettes and cigars could also be attached to the Bigbelly bins to encourage users to be more safety conscious.

The Panel was informed that the Bigbelly bins cost approximately £900 each which was approximately 9-10 times more expensive than regular bins but that he felt the technology needed to be seen in action. The Chairman stated that he believed the reporting mechanism would be beneficial to the Council. The Head of Governance, Partnerships, Performance & Policy, David Scott, informed the Panel that he would be happy to take this update back to the Streetcare Team to find out what options they were progressing with. The Vice-Chairman requested a full cost / benefit analysis first and the Chairman agreed to speak to the Lead Member to see if they were happy to trial the Bigbelly bins in the Royal Borough.

The Energy Reduction Manager informed the Panel that a Streetcare Officer would be attending the next meeting. The Chairman requested that the Streetcare Officer bring along a Bigbelly bin and he for one would like to see one.

The Panel believed that it would be worth looking into trialling the Bigbelly bins.

DATE OF FUTURE MEETINGS

It was noted that the dates of future meetings had been scheduled as follows (7.30pm in the Town Hall):

- Tuesday 12 July 2016
- Monday 3 October 2016
- Tuesday 29 November 2016
- Thursday 19 January 2017
- Monday 6 March 2017

- Tuesday 9 May 2017

The meeting, which began at 7.30 pm, finished at 8.45 pm

CHAIRMAN.....

DATE.....

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Report for: ACTION



Contains Confidential or Exempt Information	NO – PART 1
Title	Energy Reduction Manager Update
Responsible Officer(s)	Russell O’Keefe, Strategic Director Corporate and Community Services.
Contact officer, job title and phone number	David Scott, Head of Governance, Partnerships, Performance and Policy. Tel: 01628 79 6748
Member reporting	Cllr Coppinger, Lead Member for Sustainability
For Consideration By	Sustainability Panel
Date to be Considered	12 th July 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 and comment on the proposed work plan until the next Sustainability Panel. It also recommends that the name for the energy switching scheme is agreed.
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 energy reduction target is 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: that the panel agree on a name for the energy switching scheme

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 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 recommended option	(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.
(c) Members of the panel agree a name for the energy switching scheme. This is the recommended option	(c) The energy switching scheme name will be used on all marketing of the scheme to residents. It is therefore important the right name is agreed for use.

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 None arising directly from the report, however, significant savings have been targeted based upon the reduction in consumption that the strategy will deliver.

5. LEGAL IMPLICATIONS

- 5.1 There are no direct legal implications arising directly from this report.

6. VALUE FOR MONEY

- 6.1 The work to reduce the Council's energy usage will provide residents with better value for money if the Council continues to reduce energy 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	High	By providing updates at each panel meeting, Members are able	Low

Risks	Uncontrolled Risk	Controls	Controlled Risk
not met.		to keep track of overall progress to ensure the Council meets its annual projected reductions and savings commitments.	
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 Appendix 1 – Lighting project sites

17. BACKGROUND INFORMATION

LED Lighting project phase 2

17.1 Although 30 Council sites have now had their lighting upgraded to LED, there is enough scope to progress a second phase of the LED upgrade project. A number of corporate sites which were not included in the first phase of the LED upgrade programme could be included in a second phase. There are also a small number of additional lights at the phase one LED upgrade sites which were not included in the phase one project and these could be included in the second phase too.

17.2 The second phase corporate sites are currently being identified in collaboration with the Regeneration and Property Service Lead. The largest of the remaining sites is Maidenhead Library. Appendix 1 shows a list of the corporate sites and indicates whether each site has recently had a lighting upgrade in either the MITIE energy performance contract or the first LED upgrade phase. The table also shows a question mark next to the sites that are currently being considered for the second phase programme.

17.3 A full proposal will be brought to the next Sustainability Panel for review.

Energy Switching Campaign

17.4 The contracts for the energy switching campaign have now been agreed with ichoosr. This means that the Council is still on target for delivering the first auction

in October this year. The Energy Reduction Manager, the Communications Manager and the Customer Service Principal have now met with ichoosr to discuss the programme that will take the Council to the first auction.

17.5 The next step is to agree the scheme name. This name will be used across all communications of the scheme and so it is important that it provides the right message and it is clear what the scheme is.

17.6 Some examples of what other switching schemes have been called are as follows:

- 'Switch N Save' – Nottinghamshire
- 'The Big London Energy Switch'
- 'Big Switch' – Which? national campaign
- 'Community Energy Switch' – Cornwall
- 'Better together Oxfordshire'
- 'West Berkshire Energy Switch'
- 'Surrey Switch and Save'
- 'One big switch' – Scotland
- 'Switch Hampshire'
- 'Wales Together'

17.7 Looking at the above list of campaign names there are some similarities. Firstly including the name of region in the title is common, secondly stating that the community is doing the switch together and finally stating that the scheme is actually a switching scheme. Putting all or some of these elements together provides a few possible scheme names for the borough:

- Royal borough's community switch
- Windsor and Maidenhead's Switching Together
- The Royal borough's Switching Together
- The Royal Borough's Big Energy Switch
- The Royal Borough of Windsor and Maidenhead Energy Switch
- Lets Switch Together Windsor and Maidenhead
- RBWM Switch2Save
- RBWM Switch to Save
- RBWM Energy Switch to Save
- RBWM Switch Over
- RBWM Switch Over to Save
- RBWM Community Switch to Save
- RBWM Save by Switching

17.8 It is recommended that the panel agree on one of the above scheme names or propose an alternative which can be adopted going forward in the preparations for the first energy auction.

MITIE Energy Performance Contract

17.9 Unfortunately there has been a delay in getting the first annual reconciliation report (ARR) (due December 2015). This is because changes needed to be made to the monitoring and verification plan. The monitoring and verification plan sets out how the project savings are monitored and this document was originally

put together and agreed in 2013. The Energy Reduction Manager asked for a review of the document since there were a number of items in the plan that needed updating or improving.

- 17.10 The plan was improved to ensure that the document is as transparent and user friendly as possible. Some necessary updates were also carried out to ensure the correct project information is shown in the document.
- 17.11 Since the monitoring and verification plan is now ready, MITIE will very shortly be releasing the end of year report for the first contract year. This report will be shared with the Sustainability Panel as soon as it is issued. At this stage it is known that Stafferton Way Car Park is hugely underperforming and ways to meet the shortfall are being investigated (see paragraphs 17.12 – 17.14).

Town Hall Building Management System (BMS) replacement

- 17.12 The tender of the Town Hall Building Management System (BMS) has been slightly delayed whilst further system investigations are carried out. This is because MITIE, under the energy performance contract, are not making the savings at one of their RE:FIT sites (Stafferton Way Car Park) which means they need to make the missed savings up. As a suggestion the Town Hall BMS replacement was highlighted as a project where savings could be made.
- 17.13 MITIE have been on two site visits to review the BMS system at the Town Hall and they are now collating the retrieved information to form the basis of their proposal. It would be worth considering this proposal prior to releasing the work out to tender as the work could be included under the existing performance contract.
- 17.14 Once the full proposal, which may include alterations at Stafferton Way Car Park as well as the potential Town Hall BMS upgrade, has been worked out by MITIE the panel will be informed.

Schools Sustainability Education

- 17.15 An action on this year's sustainability strategy action plan is to investigate ways that the Council can help schools to become more sustainable. It is envisaged that energy reduction would be a key focus, however, a wider remit could be adopted.
- 17.16 As an initial step the Energy Reduction Manager has had a meeting with Reading International Solidarity Centre's (RISC) Education Team. They offer training to schools on sustainability, amongst other topics, as part of their 'Global Citizenship' training course. The training is aimed at teachers and provides the teachers with the knowledge and resources to embed the course themes into the curriculum. Schools can access funding for the training by signing up with the Global Learning Programme. The funding is provided by UK Aid (Department of International Development). The funding is available UK wide and RISC are the local provider of the training.
- 17.17 The full training course has a number of key topics such as: sustainability, diversity, human rights, interdependence, peace and conflict. Whilst this wide ranging course mainly goes beyond the scope of environmental sustainability, environmental sustainability can be a focus of what is delivered to schools as

part of their training. If schools wish to tap further into the course then they would be free to do so.

- 17.18 The funding for the training is paid via a system of e-credits that only schools can access i.e. local authorities can't access the funding directly. This means that the training wouldn't necessarily be seen as coming via the Council. Indeed there is already a network of schools that are involved with the scheme but sustainability is not a focus. The RISC Education Team thought that the schools which are already involved in the training would very likely want to be involved in anything that we helped coordinate.
- 17.19 It is therefore being considered whether the Council could host a schools sustainability event. This would serve as an initial contact and knowledge sharing event to solely discuss sustainability topics. The RISC Education Team could provide a workshop/training and the Energy, Waste and Transport teams could also provide talks about their respective areas. It is hoped that an event such as this would spur action in schools both on a curriculum level and on a physical level e.g. a change in the way things are done or energy/ water reduction initiatives are carried out. Further investigations are required before any commitment to the event can be made.

Water reduction works

- 17.20 A number of surveys have been carried out to gain more information about the taps, WCs and urinals. Surveys have been carried out at the Town Hall toilets and the public conveniences at Windsor Coach Park, River Street Car Park and the Guildhall. Most of the sites offered opportunities for savings, although Windsor Coach Park public conveniences already have functional flush controls on the urinals, a low flush valve to the WCs and sensor taps, therefore savings would be limited at this site.
- 17.21 Waterless urinals have been investigated further with a quotation being provided. The paybacks provided in the quotation were 3 years for River Street Car Park public convenience and 2 years for Windsor Coach Park public conveniences. Although very promising, upon further investigation it was found that there were a number of assumptions made which significantly improved the savings figures. For example, a urinal without controls will flush every time the cistern fills. The quotation assumes that there are no controls in place and that the urinals flush 24hrs a day and 5 times an hour. Since both of these sites have sensor controls on the urinals it is unlikely that this is the case. Following some further modelling by the Energy Reduction Manager the River Street Car Park had a payback of 13 years and the Windsor Coach Park 8 years. This scenario assumed that the controls were working properly.
- 17.22 The Energy Reduction Manager has spoken to a number of water experts about waterless urinals and the general consensus has been that whilst water is dramatically saved they can often lead to maintenance issues. The number of times a day that the urinals are cleaned and the way that they are cleaned is important in their operation. Unfortunately the frequency of the cleaning is not deliverable on the Council's cleaning contract. This means that it is not recommended at this stage to pursue waterless urinals. As a recent case study, Thames Water recently decided to not install waterless urinals at their Reading head office and instead they have installed better controls to the urinals.

17.23 Further investigatory work is currently ongoing with different suppliers to determine the best course of action going forward. According to Thames Water's case study it is possible to save 80% of water from the toilets, 60% from sensor taps, and 90% with urinal controls (with no previous control). Overall they have saved 83% of the water used in the toilets where they have installed the upgrades. The Energy Reduction Manager is therefore currently investigating a monitored trial of a very low water consuming toilet as well as improved urinal controls and sensor taps.

Work planned over the next period until the next Sustainability Panel

17.24 The work for the next period includes:

- Progressing the energy switching campaign.
- Investigating phase 2 LED upgrade projects.
- Investigating water reduction projects.

18. CONSULTATION (MANDATORY)

Name of consultee	Post held and Department	Date sent	Date received	See comments in paragraph:
Internal				
David Scott	Head of Governance, Partnerships, Performance and Policy	17/06/2016	28/06/2016	Throughout
Andrew Scott	Civic Team Manager	17/06/2016	23/06/2016	Throughout
External				

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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Appendix 1 - List of corporate sites indicating previous lighting works and possible future lighting works

Name	MITIE Energy Performance Contract site	LED Phase 1 site	Possible LED Phase 2 site			
4 MARLOW ROAD	YES					
ALMA ROAD CAR PARK		YES				
AVIARY BLDG						
BATCHELORS ACRE FOUNTAIN						
BOYNE GROVE COMMUNITY RESOURCE CENTRE			?	M		
BOURN DITCH KIOSK PUMPING STATION						
BRAYWICK NATURE CENTRE			?	M	Jason Mills	Jan balfour
BRAYWICK PARK SPORTS CENTRE			?	M		
BRIDGE ROAD PUMPING STATION						
Canoe Centre/Hurley Lock Amenity Building			?	M		
CLARENCE ROAD PUMPING STATION						
COOKHAM LIBRARY		YES				
Dedworth Road Sports Pav (aka Clewer Rec Ground)			?	W		
ETON LIBRARY		YES				
ETON WICK YOUTH CLUB		YES				
FRASCATTI WAY PUMPING STATION						
GARAGES-REAR OF STAFFERTON LODGE						
GEORGE V MEMORIAL		YES				
GRENFELL PARK FOUNTAIN						
HIGH STREET FEEDER PILLAR						
HINES MEADOW CAR PARK		YES				
HOME PARK, Mess Room		YES				
JUBILEE CLOCK TOWER						
JUBILEE FOUNTAIN						
Larchfield Community Centre		YES				
MAIDENHEAD LIBRARY	YES		?	M	George Meikle	
MAIDENHEAD PROJECT CENTRE		YES				
MANOR YOUTH CENTRE		YES				
18/20 Ray Mill Road East - Family Placement Team			?	M	Jemma Reading	01628 685748
MINSTER COURT- Berkshire Pensions Office			?	M	Gary Ellis	
NICHOLSONS CAR PARK						
OAKBRIDGE DAY CENTRE		YES				
OAKEN GROVE SPORTS PAVILLION		YES				
OAKLEY GREEN CEMETERY		YES				
OLD WINDSOR LIBRARY		YES				
PINKNEYS GREEN Y. & C. CENTRE		YES				
PRIDES CROSSING PUMPING STATION						
PUBLIC CONVENIENCE - IMPERIAL PARK		YES				
PUBLIC CONV. SUTTON ROAD		YES				
Public Convenience - Batchelors Acre		YES				
PUBLIC CONVENIENCE - Sunninghill		YES				
PUBLIC CONVENIENCE, HOME PARK		YES				
PUBLIC CONVENIENCE-ASCOT		YES				
PUBLIC CONVENIENCE-ETON COURT		YES				
Public Convenience - Guildhall			?	W	Tony Robinson	

Public convenience - Victoria Street Car Park			?	W	Tony Robinson
RAWCLIFFE HOUSE (Industrial Unit)		YES			
RAY MILL ISLAND KIOSK					
RIVER STREET CAR PARK & TOILETS		YES			
SAINSBURY'S PUMPING STATION					
Shifford Crescent - Library Container Post					
ST MARY'S HOUSE			?	M	Gary Ellis
STAFFERTON LODGE CAR PARK					
STAFFERTON WAY CAR PARK	YES				
SUNNINGHILL LIBRARY		YES			
TELEMETRY STATION					
Braywick Cemetery Lodge House			?	M	Steve Spencer
TINKERS LANE DEPOT	YES	YES	?	W	Gary Ellis
TOWN HALL		YES	?	M	Michael Potter
VANSITTART SKATE PARK					
VICTORIA STREET CAR PARK	YES				
WALDECK HOUSE					
WEST STREET CAR PARK					
WEST STREET PUMPING STATION					
WINDSOR CEMETERY (Chapel & Depot)			?	W	Mike Jones
WINDSOR COACH PARK		YES			
WINDSOR GUILDHALL& Corn Exchange F/lighting		YES			
WINDSOR LIBRARY	YES	YES			
WINDSOR Y.& C. CENTRE					
YORK HOUSE					