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| WEST LONDON WASTE AUTHORITY |  |
| Report of the Projects Director | 21st Jan 2022 |
| **Projects Update** |  |
| **SUMMARY** This report provides an update on the WLWA projects. |
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| **RECOMMENDATION(S)**1. *The Authority is asked to note the information within this report.*
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1. **Introduction -** The West London Waste programme (Appendix 1) has been designed to deliver efficiency enhancement with a whole system, data-driven approach in line with our Mission and Purpose highlighted in our Business Plan.

This report covers the main project updates with governance of the wider programme managed through the WLWA senior management team.

1. **Project development**

The delivery of the programme has been split into six key areas each with an Environment Director and Member lead (Appendix 2). Policies and strategy on a page documents are being jointly developed in order to deliver a unified approach to whole system change. The documents have been drafted for all the areas and joint meetings are being held to align the key project outcomes and golden threads.

All member policy discussions and Environment Director strategy meetings will have been completed prior to the March Authority meeting.

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|   | **Draft policy** | **Strategy on a page** |
| **Data Management** | Green | Green |
| **Smart Cities** | Amber | Amber |
| **HRRC transformation** | Green | Green |
| **Food Waste** | Green | Green |
| **Shared EPR funding plan** | Amber | Green |
| **Double Recycling infrastructure** | Green | Green |

* 1. **Food Waste**

The Food waste investment was an injection of £3M into the Broughs to deliver structural service development to double food waste captured within 3 years. The funding was released to Boroughs for the delivery of their business cases in April 2021. Boroughs are proceeding with the food waste service investments. Some Boroughs have been delayed in the implementation of their business plans partially due to covid impacts and restrictions. WLWA project officers are working with the delayed Boroughs to help deliver the preliminaries required to roll out new services such as container procurements, communal property management group liaison and data work.

The volume change in the graph overleaf has been benchmarked against the last two years to ensure a more accurate baseline as opposed to 20/21 alone which was skewed by lockdowns. Total segregated food waste has increased this year compared to previous years and with increasing properties accessing the service through the investment fund we expect this trend to continue.

There are several factors that influence the performance of the food services such as residual waste arising which has increased by c.6% during this time. Composition data from the residual waste analysis shows that the proportion of food waste being captured has increased versus the previous waste composition.

This creates a challenging measure for food waste services with the primary objective of the waste reduction. As service users develop a better understanding of their food waste habits and volumes the volume set out reduces. The Management Information team and project officers are working on some metrics and dashboards to align some of these variables to ensure improved efficacy of trend analysis and measures. These will be completed before the March Authority meeting.

Communal bin store surveys are being performed by Borough teams and supported by project team officers to enable efficient roll outs of new services and inform on effective targeted communications to underperforming areas.

The communications team are working with all Boroughs as part of the food waste programme on communications development for both wider food waste messaging and identifying effective materials and information for helping move low performing rounds onto the service.

* 1. **HRRC investment fund**

WLWA projects and operations teams are working with the Borough Partnership to identify the performance and investment requirements for the proposed £1.2M HRRC funding. The framework for the investment including the requirements for the business cases and timeline will be agreed at the Environment Directors group and completed by the March Authority meeting.

1. **Risk –** New legislation and details regarding EPR, DRS and the Environment Bill, that will impact on all waste services are expected soon. Officers are seeking to identify potential impacts are factor these in during the development of all projects.
2. **Financial Implications –** WLWA projects are designed to test and change the whole system to deliver benefits financially, environmentally and socially. Due to the whole system approach there are aspects of the delivery and returns that require significant partnership working and multiple stakeholder change, as such absolute returns are modelled, risk assessed and tracked but cannot be guaranteed.
3. **Staffing Implications –** none.
4. **Health and Safety Implications –** All fieldwork has been risk-assessed for the tasks to be completed and have had additional Covid-19 controls included in the mitigation measures where required.

Additional Health and Safety training is being planned for the team to ensure all members are informed to a standard to help raise awareness on site visits.

1. **Legal Implications -** none
2. **Joint Waste Management Strategy**

The projects mentioned in this report are intrinsically linked to the Authority’s Joint Waste Management Strategy. The projects are driving the design of the new policy through data, best practice and identification of opportunities, as well as delivering change to meet the desired outcomes and targets in the Strategy.

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**Appendix 1 - Projects list and Status**

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| Number | Project | **Data Management** | **Smart Cities** | **HRRC****transformation** | **Food Waste** | **Shared EPR funding plan** | **Double Recycling infrastructure** | RAG |
| 1 | Brent Food Waste |  |  |  |  |  |  |  |
| 2 | Ealing Food Waste |  |  |  |  |  |  |  |
| 3 | Harrow Food Waste |  |  |  |  |  |  |  |
| 4 | Hillingdon Food Waste |  |  |  |  |  |  |  |
| 5 | Hounslow Food Waste |  |  |  |  |  |  |  |
| 6 | Richmond Food Waste |  |  |  |  |  |  |  |
| 7 | School Food Waste |  |  |  |  |  |  |  |
| 8 | Absorbent hygiene products |  |  |  |  |  |  |  |
| 9 | Solar PV at sites |  |  |  |  |  |  |  |
| 10 | Smart bin housing |  |  |  |  |  |  |  |
| 11 | Bulky Waste Service |  |  |  |  |  |  |  |
| 12 | Bin Cleaning Station |  |  |  |  |  |  |  |
| 13 | Food Waste data dashboard |  |  |  |  |  |  |  |
| 14 | CCTV @ Abbey Rd |  |  |  |  |  |  |  |
| 15 | Bin sensors |  |  |  |  |  |  |  |
| 16 | Hillingdon Collections route optimisation |  |  |  |  |  |  |  |
| 17 | HRRC Booking system |  |  |  |  |  |  |  |
| 18 | Textile Strategy |  |  |  |  |  |  |  |
| 19 | Abbey Rd redesign |  |  |  |  |  |  |  |
| 20 | DMR and material brokerage |  |  |  |  |  |  |  |
| 21 | Consistency Consultation |  |  |  |  |  |  |  |
| 22 | EPR Consultation/Workshops |  |  |  |  |  |  |  |
| 23 | DRS Consultation/Workshops |  |  |  |  |  |  |  |
| 24 | Land Lease Victoria Road |  |  |  |  |  |  |  |
| 25 | VR site redesign |  |  |  |  |  |  |  |
| 26 | Transport Ave redesign |  |  |  |  |  |  |  |
| 27 | Advertising board comms |  |  |  |  |  |  |  |
| 28 | Website comms |  |  |  |  |  |  |  |
| 29 | Waste Composition analysis |  |  |  |  |  |  |  |
| 30 | Reuse/CircEco HRRC (bikes) |  |  |  |  |  |  |  |
| 31 | CircEco Hub (Design) |  |  |  |  |  |  |  |
| 32 | CEOG Green Recovery |  |  |  |  |  |  |  |
| 33 | Grid balancing (Land lease) |  |  |  |  |  |  |  |
| 34 | Data mapping (trend analysis) |  |  |  |  |  |  |  |
| 35 | Circular economy external affairs stakeholder mapping |  |  |  |  |  |  |  |
| 36 | WLWA data intelligence |  |  |  |  |  |  |  |
| 37 | National waste data intelligence |  |  |  |  |  |  |  |

**Appendix 2**

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|  | **Cllr** | **EnvDirs** |
| **Data Management** | Cllr Lavery (Hillingdon) | Dipti Patel (Harrow) |
| **Smart Cities** | Cllr Sheth (Brent) | Earl Mckenzie (Ealing) |
| **HRRC transformation** | Cllr Neden-Watts (Richmond) | Chris Whyte (Brent) |
| **Food Waste** | Cllr Costigan (Ealing) | Victoria Lawson (Hounslow) |
| **Shared EPR funding plan** | Cllr Lambert (Hounslow) | Ishbel Murray (Richmond) |
| **Double Recycling infrastructure** | Cllr Henson (Harrow) | Perry Scott (Hillingdon) |