

Item 9

26th November 2014



Glasgow City Council

**Sustainability and the Environment Policy Development Committee
26 November 2014**

Report by Executive Director of Land and Environmental Services

Contact: Alastair M Brown Ext: 76512

Future City Glasgow – OPEN Glasgow Data Visualisation

Purpose of Report:

The purpose of this report is to provide an overview of the work that is being progressed in relation to Data Analysis and Visualisation as part of the OPEN Glasgow work stream.

Recommendations:

It is recommended, therefore, that Committee notes the contents of this report.

Ward No(s):

Citywide: ✓

Local member(s) advised: Yes No ✓

consulted: Yes No ✓

1. Introduction

- 1.1 The purpose of this report is to provide an overview of the work that is being progressed in relation to Data Analysis and Visualisation as part of the OPEN Glasgow workstream.

2. Background

- 2.1 As members may recall from the previous meetings of the Sustainability and the Environment Policy Development Committee, there are 3 key workstreams within the Future City Glasgow Programme:

- Glasgow Operations Centre
- OPEN Glasgow
- City System Integration Demonstrators – Active Travel, Energy Efficiency, Integrated Social Transport and Intelligent Street Lighting.

- 2.2 This report focuses on the OPEN Glasgow workstream – specifically data. The main deliverable for this workstream will be a web portal / IT platform that will integrate, analyse and present hundreds of Glasgow City data streams to open them up for use by the public, businesses and academics alike.

3. OPEN Glasgow – Data Analysis and Visualisation

- 3.1 There are currently hundreds of data streams relating to the city of Glasgow. They include information on everything from bin collections to health statistics across the city. Some of this data is already available to the public but often it is held in isolation, difficult to access and even harder to understand. It is not personal information but more generic anonymous data.

- 3.2 In opening up and presenting data of a non-personal nature in a meaningful way, public bodies, citizens, businesses and academics are provided with new insights into the operation of the city. This has a number of potential benefits, including:

- improved stakeholder engagement / partnership working within the city – the publication and analysis of data provides a platform for engagement, which involves all stakeholders in the city (public sector, private sector, academic sector, voluntary sector, citizens);
- allows stakeholders to look for trends, patterns and consistencies in the data and use the emerging picture to identify opportunities to target service delivery more effectively; and
- provides businesses within the city with better market intelligence to help create economic growth.

3.3 Members of the Committee are advised that:

- i) as of mid-November 2014 over 370 datasets have been published on the OPEN Glasgow portal – www.data.glasgow.gov.uk. There are over 60 major stakeholders (both internal to Glasgow City Council and external) now involved in the publication of the data; and
- ii) the Data Team in the Future City Programme is currently working in conjunction with officers in Glasgow City Council to analyse and visualise some of these datasets in order to outline the potential benefits of employing this approach for service planning purposes.

4. Policy and Resource Implications

Resource Implications:

Financial: All funding for the Future City Glasgow Programme has been provided by Innovate UK (formerly the Technology Strategy Board).

Legal: There are no legal implications.

Personnel: There are a number of Council officers involved in supporting the delivery of the Programme from Land & Environmental Services, Education Services and Corporate Services.

Procurement:

Council Strategic Plan: A sustainable city

Equality Impacts:

EQIA carried out: No.

Outcome: No significant impact.

Sustainability Impacts:

Environmental: The use of data is likely to be an important future tool for bringing about environmental benefits.

Social: The use of data is likely to be an important future tool for bringing about social benefits.

Economic: The use of data is likely to be an important future tool for bringing about economic benefits.

5. Recommendations

It is recommended, therefore, that Committee notes the contents of this report.