

PERTH AND KINROSS COUNCIL**Enterprise and Infrastructure Committee****9 November 2016****Smart Perth and Kinross Strategy****Report by Director (Environment)**

This report presents a Smart Perth and Kinross Strategy for consultation. The strategy sets out the principles and thematic areas that will make Perth and Kinross a smarter place. There will be a period of consultation on the strategy before it is presented for formal adoption by the Council.

1. BACKGROUND / MAIN ISSUES

- 1.1 The Council is part of the Scottish Cities Alliance (SCA) Smart Cities Scotland initiative and is also part of the European Regional Development Fund (ERDF) 8th City Strategic Intervention, which is supporting a number of smart city projects across the cities. A draft Smart Perth and Kinross Strategy has been developed to provide a policy framework for these initiatives.
- 1.2 A smart city is defined by the SCA as “one that uses data and technology to enhance the delivery of city services; promotes economic growth; increases sustainability; and engages more actively with its citizens”. The need for a strategic approach to smart city development is emphasised in the smart city maturity model which the Council and other cities have used in the development of smart city projects. The BSI standards publication on the smart city framework (PAS181) have also provided a guide for establishing strategies for smart cities and communities.
- 1.3 This Strategy has been developed to guide the implementation of projects in Perth and Kinross, as well as provide a framework within which further initiatives can be developed with stakeholders.

2. SMART PERTH AND KINROSS STRATEGY

- 2.1 The Perth and Kinross Strategy sets out the ideas and initiatives for a smarter Perth and Kinross in a number of themes based on internationally accepted theoretical models. These themes set out commitments to projects and initiatives. They are supported by datasets that will be opened up via an Open Data Platform to encourage innovation in that theme.

2.2 The themes of the Strategy are:

- Smart Government
- Smart Living
- Smart Mobility
- Smart People
- Smart Environment
- Smart Economy

2.3 Each theme has a vision – developed from the smart city vision – with a description of what it is hoped to achieve within that thematic area along with a number of commitments. These are based on existing initiatives; those that are being supported by the ERDF 8th City Strategic Intervention; as well as those that are likely to emerge over the next few years.

2.4 The Strategy is divided into three sections providing an overview of the strategic context for the strategy linking to the Perth City Plan and the emerging Tay Cities Deal, along with the context provided by the Smart Cities Scotland initiative and the ERDF 8th City Strategic Intervention. It also presents strategic projects in the six thematic areas and concludes with a section on implementation.

2.5 The Smart Perth and Kinross Strategy complements the Perth City Plan 'Smarter Growth for Perth City'. It looks to the potential for working collaboratively through the Tay Cities Deal to enhance the digital infrastructure, sector growth, and employment and digital skills of the wider region. The development and implementation of the strategy will increase the ability of Perth and Kinross to compete with other city regions in an ever more connected world, while also benefitting from increasing collaboration with neighbouring authorities.

2.6 Projects in the Strategy show data and technology can be used to:

- help the traffic flow more freely by providing better traffic control using CCTV
- provide advice on travel choices and real time public transport information
- make data more open, enabling people to develop value out of data and help us to improve services.
- reduce the use of energy in Council buildings
- reduce the cost of street lighting by creating Intelligent Street Lighting
- manage our waste more efficiently by using sensors that tell us when litter bins need emptying.

2.7 The outcome of these projects and initiatives will be to make the city cleaner and more attractive, as well as make services cheaper to deliver.

2.8 The Strategy will be subject to a period of consultation both internally and externally. It will be revised in the light of the consultation. Following consultation, a roadmap will be developed to provide a framework for Perth and Kinross. It will take many years before Perth and Kinross becomes a truly

'smart' city region but this initial strategic approach and roadmap will provide a framework to do so.

3. CONCLUSIONS AND NEXT STEPS

- 3.1 This is the first Smart City Strategy for Perth and Kinross. It sets out the vision and priorities across a number of themes, and in a number of projects, for developing the city and region as a smarter and more liveable place.
- 3.2 The next steps are that this Strategy will be shared across services, as well as with stakeholders and partners allowing for further input and development. This consultation will be carried out according to guidance contained in the Council's Consultation Toolkit to ensure that a wide spectrum of views are canvassed. A dedicated website will also be established, allowing people to suggest further smart city activities and projects.
- 3.3 When this is completed, the roadmap will be finalised with the range of projects to form the action plan for the Strategy, for approval by the Committee.
- 3.4 It is recommended that the Committee:
- (i) approves the Smart Perth and Kinross Strategy for consultation.
 - (ii) requests the Director (Environment) to bring back a further paper to the Committee on the outcome of the consultation, and the roadmap for future smart city actions.

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Approved

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1. IMPLICATIONS, ASSESSMENTS, CONSULTATION AND COMMUNICATION

Strategic Implications	Yes / None
Community Plan / Single Outcome Agreement	Yes
Corporate Plan	Yes
Resource Implications	
Financial	Yes
Workforce	No
Asset Management (land, property, IST)	No
Assessments	
Equality Impact Assessment	Yes
Strategic Environmental Assessment	Yes
Sustainability (community, economic, environmental)	Yes
Legal and Governance	Yes
Risk	Yes
Consultation	
Internal	Yes
External	Yes
Communication	
Communications Plan	Yes

1. Strategic Implications

1.1 The Community Plan/Single Outcome Agreement 2013 – 2023 lays out five outcomes focussed strategic objectives which provide clear strategic direction, inform decisions at a corporate and service level and shape resources allocation. They are as follows:

- (i) Giving every child the best start in life
- (ii) Developing educated, responsible and informed citizens
- (iii) Promoting a prosperous, inclusive and sustainable economy
- (iv) Supporting people to lead independent, healthy and active lives
- (v) Creating a safe and sustainable place for future generations

1.2 This report relates to all these objectives by providing data through the Open Data Platform that would support innovation in all these areas.

Corporate Plan

1.3 The Council's Corporate Plan 2013 – 2018 lays out five outcome focussed strategic objectives which provide clear strategic direction, inform decisions at a corporate and service level and shape resources allocation. They are as follows:

- (i) Giving every child the best start in life;
- (ii) Developing educated, responsible and informed citizens;

- (iii) Promoting a prosperous, inclusive and sustainable economy;
- (iv) Supporting people to lead independent, healthy and active lives; and
- (v) Creating a safe and sustainable place for future generations.

1.4 This report relates to all these objectives by providing data through the Open Data Platform that would support innovation in all these areas.

2. Resource Implications

Financial

2.1 The work on ERDF 8th City Strategic Intervention for smart cities is supporting many of the projects in the Strategy. With a total spend of over £2m and £1.2m match funding being provided mainly from the Council's Capital Budget, an additional £840,000 of funding from the ERDF Strategic Intervention will be available to support the delivery of projects including Open Data; Intelligent Street Lighting, the Innovation Lab; City Operations Centre and Smart Waste.

2.2 The Scottish Government has confirmed that current Structural Fund Programmes, which run until 2020 will continue as normal and all of the ERDF funded projects mentioned in the Strategy are approved and will run to December 2018.

Workforce

2.4 A Smart Perth Project Officer is co-ordinator of the Project. There are no other workforce implications from the report.

Asset Management (land, property, IT)

2.5 The project will create data assets through the Open Data Platform.

3. Assessments

Equality Impact Assessment

3.1 Under the Equality Act 2010, the Council is required to eliminate discrimination, advance equality of opportunity, and foster good relations between equality groups. Carrying out Equality Impact Assessments for plans and policies allows the Council to demonstrate that it is meeting these duties.

3.2 The information contained within this report has been considered under the Corporate Equalities Impact Assessment process (EqIA) and has been assessed as **not relevant** for the purposes of EqIA.

Strategic Environmental Assessment

- 3.3 The Environmental Assessment (Scotland) Act 2005 places a duty on the Council to identify and assess the environmental consequences of its proposals.
- 3.4 The information contained within this report has been considered under the Act and concluded that it will not need an Environmental Impact Assessment.

Sustainability

- 3.5 Under the provisions of the Local Government in Scotland Act 2003 the Council has to discharge its duties in a way which contributes to the achievement of sustainable development. In terms of the Climate Change Act, the Council has a general duty to demonstrate its commitment to sustainability and the community, environmental and economic impacts of its actions.
- 3.6 The information contained within this report has been considered under the Act. The proposals will enhance economic development opportunities to the benefit of businesses and local communities and add to social and environmental enhancement.

Legal and Governance

- 3.7 The Head of Legal and Governance has been consulted on these proposals. There are no legal implications that are not covered by the licensing regime established by UK Government to cover the publishing of Open Data.

Risk

- 3.8 There are risks associated with projects in this Strategy all of which are being managed through the project management processes of the Council or associated with the ERDF 8th City Strategic Intervention.

4. Consultation

Internal

- 4.1 The Director (Education and Children Services), the Director (Housing and Social Work), the Head of Democratic Services, the Head of Finance and the Head of Legal and Governance have been consulted in the preparation of this report.
- 4.2 Input from services across the Council have been sought during the process of developing the Strategy and the inclusion of projects within each theme. There will be the opportunity for further discussions with services during the consultation process on the Strategy before it is finalised.

External

- 4.3 Key stakeholders and partners will be engaged during the consultation process allowing for further input and development of commitments and actions. This consultation will be carried out according to guidance contained in the Council's Consultation Toolkit to ensure that a wide spectrum of views is canvassed. A dedicated website will also be established to assist with this process.

5. COMMUNICATION

- 2.1 The project will be promoted locally and as part of the Smart Cities Scotland initiative which will manage national media.

2. BACKGROUND PAPERS

- 2.1 None.

3. APPENDICES

- 3.1 Appendix 1 – Draft Smart Perth and Kinross Strategy.

