

Report of	Meeting	Date
Chief Executive (Introduced by the Executive Member for Resources, Policy and Performance)	Executive Cabinet	16 January 2014

## GIS STRATEGY 2014 - 2017

### PURPOSE OF REPORT

1. To seek approval of the GIS Strategy 2014-17 and provide information on the work completed since approval of the last strategy in 2008.

### RECOMMENDATION(S)

2. The GIS Strategy 2014-17 be approved.

### EXECUTIVE SUMMARY OF REPORT

3. The GIS (Geographic Information System) Strategy 2014-17 replaces the previous strategy from 2008 and sets the use and development of GIS over the next three years. It will help provide more transparent information about council owned assets and service standards for customers.
4. The strategy sets out how the council will use GIS to enable digital access to information and data, and how it can be used to improve service productivity and performance, enabling staff to work efficiently through the use of desktop and mobile systems. Business intelligence from the use of GIS will support day to day operational management of services and inform decisions on resource planning.
5. The GIS Strategy will support the implementation of both the council's ICT Strategy 2014-17 and Digital Strategy 2014-17.

<b>Confidential report</b> Please bold as appropriate	Yes	<b>No</b>
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<b>Key Decision?</b> Please bold as appropriate	Yes	<b>No</b>
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<b>Reason</b> Please bold as appropriate	1, a change in service provision that impacts upon the service revenue budget by £100,000 or more	2, a contract worth £100,000 or more
	3, a new or unprogrammed capital scheme of £100,000 or more	4, Significant impact in environmental, social or physical terms in two or more wards

## REASONS FOR RECOMMENDATION(S)

(If the recommendations are accepted)

6. The use of GIS is integral to the Council's ICT infrastructure providing significant business intelligence and support for the delivery of day to day services. Approval of the strategy will continue to support the development and priorities for GIS over the period 2014-17.

## ALTERNATIVE OPTIONS CONSIDERED AND REJECTED

7. None

## CORPORATE PRIORITIES

8. This report relates to the following Strategic Objectives:

Involving residents in improving their local area and equality of access for all		A strong local economy	
Clean, safe and healthy communities		An ambitious council that does more to meet the needs of residents and the local area	√

## BACKGROUND

9. The previous GIS Strategy 2008 highlighted a number of recommendations that were necessary to develop the use of GIS within the Council. All the recommendations have been successfully completed and are referenced at Appendix A of this report.
10. GIS technology and software has moved on considerably since 2008. A review of the strategy was necessary to incorporate into future plans and further develop software applications to provide a focus for the implementation of these opportunities.
11. The investment in skills since 2008 has enabled the Council to gain confidence in maximising the development of GIS to support service delivery.

## GIS STRATEGY 2014-17

12. The proposed GIS Strategy 2014-17 has been updated and defines how the Council will use GIS to allow increased public access to data, and how it can be used to improve service productivity and performance, along with the provision of frontline business intelligence, enabling staff to work quicker, smarter and make more informed decisions about operational demand and customer service requests.
13. The strategy also proposes development of applications to support ward/parish based information that will be available online through the Council website. It is particularly pertinent to provide geographical insight for Council members about service requests such as Planning, Licensing applications and fly tipping.
14. A significant part of the new strategy will focus resources and development of applications to support the compilation and management of a comprehensive asset register necessary to enable digital access to GIS based information.

## IMPLICATIONS OF REPORT

15. This report has implications in the following areas and the relevant Directors' comments are included:

Finance		Customer Services	
Human Resources		Equality and Diversity	
Legal		Integrated Impact Assessment required?	
No significant implications in this area	√	Policy and Communications	

## COMMENTS OF THE STATUTORY FINANCE OFFICER

16. The cost of training and system upgrades will be met from existing budgetary resources.

## COMMENTS OF THE MONITORING OFFICER

17. None

Gary Hall  
Chief Executive

Background Papers			
Document	Date	File	Place of Inspection
GIS Strategy 2014-2017	6 December 2013	***	***

Report Author	Ext	Date	Doc ID
Paul Sudworth/Asim Khan	5913	6 December 2013	***

## APPENDIX A

Since the approval of the GIS Strategy 2008, the following actions have been taken in light of the recommendations made and the Action Plan agreed:

Item	Recommendation	Action Taken	Completed?
1	<i>Recruit, possibly via the apprentice scheme, a further member of staff within the GIS/LLPG team:</i>	This has been completed successfully and has continued with the recruitment of two additional apprentices currently working on the data layers to support the Street Scene project.	YES
2	<i>Continue with LLPG maintenance, Street Naming and Numbering processes and data cleansing exercises, in order to progress the use of the LLPG at the definitive address list for Chorley Borough Council:</i>	The Council's LLPG is still at Status 1 level (the highest) in regard to providing daily updates to the NLPG hub, and is maintained at BS7666: 2006 standard. The LLPG is used as the definitive address list within the Council, and is integrated into Planning, Council Tax and Benefits, Elections and Contact Centre via the IDOX, Academy, Eros and CRM systems.	YES
3	<i>Increase the use of ArcSDE to maintain secure and current data storage, and the use of the GIS Catalogue to inform officers of available datasets:</i>	All corporate GIS datasets are now stored within ArcSDE (currently using Oracle), providing secure storage of GIS information.	Yes
4	<i>Encourage the adoption of data capture and metadata guidelines, as published:</i>	All GIS users are aware of the guidelines and are encouraged to follow them.	YES
5	<i>Provide a Business Case and secure funding required to update the GIS software used in order to provide an improved architecture on which to further develop GIS within the Council, whether via desktop, browser or mobile platforms:</i>	ArcGIS Server and ESRI Local View have been approved and implemented within the Council, providing the platform for GIS applications to be developed for use on desktop, browser and mobile platforms.	YES
6	<i>Provide a business case to purchase software to assist in the shifting and cleansing of data affected by PAI (funding already approved):</i>	A business case was produced and approved for the purchase of software from Envitia for the shifting and cleansing of data affected by PAI (Positional Accuracy Improvement). All affected data has now been cleansed, and the project is completed.	YES
7	<i>Continue membership of Red Rose Collaboration, in order to maintain on-going provision of MapZone to Council officers:</i>	The Council continues as a member of the Red Rose Collaboration (now known as the District GIS Service, and run by One Connect on behalf of Lancashire County Council). Whilst MapZone is still available for officers, the use of in-house mapping developments is encouraged. These mapping developments use data supplied by LCC and reflect some of the data provided via MapZone	YES