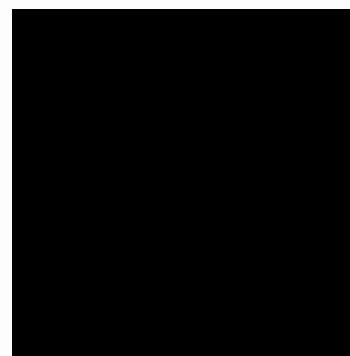


Information Governance Team
North Somerset Council
Town Hall
Walliscote Grove Road
Weston-super-Mare
BS23 1UJ



Thursday 9th May 2019

Dear North Somerset Council,

This is a Freedom of Information Request, please respond to the following questions.

1. Do you have a 5G strategy?

1.1 If yes, I request to see the complete strategy, its ambitions and its objectives in PPTX, Word, PDF or picture format.

1.2 If yes, has the public had the opportunity to read and understand North Somerset Council's 5G strategy? Where was this information published?

1.3 I also request a supplementary document that includes the highest level of detail on all 5G technology that's planned to be used and currently in use in public spaces within North Somerset Council:

- (a) Companies and entities involved and the names of the company/entity officers.
- (b) Specification sheets of all 5G technology.
- (c) What technology e.g. units and arrays are not currently 5G, but can be 5G enabled e.g. with current software, future software, hardware upgrades or retrofitting?
- (d) What UK, EU and International safety standards is North Somerset Council complying with for the 5G strategy and existing 5G technology?
- (e) I request proof e.g. a certificate from North Somerset Council that confirms that UK, EU and International safety standards for workers and the public have been met.

1.4 If no, I request all documentation, memos, emails and communication on companies and entities you're in talks with regarding the formulation of a 5G strategy.

2. I request the name/s of the Officer/s in charge of the 5G strategy, and roll out including their CV and qualifications in 5G and Smart Cities; and who their subject area expert or consultant is and their CV and qualifications on 5G and Smart Cities.

3. As you have already started to rollout LED street lighting can you please answer these questions?

- (a) What is the CMS and specification of the software and hardware of the LED street light system?
- (b) What type of waveform is the LED, e.g. square wave?
- (c) Can you control the Pulse Width Modulation (PWM) of the streetlight system using

the CMS?

(d) Can you control the PWM of each streetlight that's connected to the system?

(e) What restrictions do you have in place for the control of the PWM?

(f) What is the UK, EU and International safety limit (low and high) for the amount of 'flicker' (Hz) the Human Body and eyes can be exposed to and for how long?

(g) I request to see the training manual and safety operation manual for the CMS and the LED streetlight system.

(h) Who is the company who is or has installed the CMS LED streetlight system?

(i) What company maintains and repairs the CMS and LED streetlight system?

(j) What entity and Officer is responsible for the safety standards for the CMS and LED streetlight system?

(k) I request proof e.g. a certificate from North Somerset Council that confirms that UK, EU and International safety standards for workers and the public have been met.

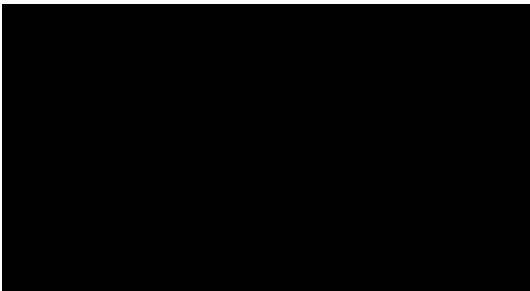
(l) What is the amount of Blue Light leakage that's safe for the public and workers during the LED streetlights operation?

(m) What level of LED streetlight exposure is safe for the public at daytime and night time?

(n) Is there a legal requirement for diffusers to be fitted to LED streetlights?

(o) How have you have addressed the amount of Oxidative Stress on Human and Animal cells that's produced from LED?

4. I request all memos, presentations, documents, plans, rollouts, emails and details regarding 2G, 3G, 4G, WiFi and WiGIG in public spaces.



Date: 7 June 2019
Our ref: ###
Contact: Lynsey Wilson
Direct dial: 01275 885117
Email: lynsey.wilson@n-somerset.gov.uk



Corporate Services - Information requests
North Somerset Council
Town Hall
Weston-super-Mare
BS23 1UJ

DX 744900 Clevedon

###

Dear ###

Freedom of Information Act 2000

I can confirm that most of the information requested is held by North Somerset Council. I have detailed below the information that is being released to you. For ease of reference, I have enclosed a copy of your original request, so you can cross-reference the responses with the questions.

1. No

1. N/A

1.2 N/A

1.3 N/A

1.4 Please see enclosed email and document search results, which searched for terms "5G", "2G in public spaces", "3G in public spaces", "4G in public spaces", "WiFi in public spaces" and "WiGIG in public spaces". You will note that some information has been redacted out of the response. This is because the content did not fall within the scope of your request.

2. N/A

3.

- a) CMS – Harvard, now Lucy Zodian Vision (no software / hardware specifications held)
- b) We do not hold this information
- c) We do not hold this information
- d) We do not hold this information
- e) We do not hold this information
- f) All lanterns and CMS are to the relevant British and EU standards, and CE marked
- g) We do not hold this information
- h) SSE Contracting was our term maintenance contractor who did install the CMS system. We are no longer installing any new CMS and will be removing it as part of our continued LED rollout
- i) Centregreat Ltd who is our new term maintenance contractor
- j) The manufacturers – CMS – Lucy Zodian (who took over from Harvard), LED Luminaires – Urbis Schreder and INDO Lighting, but also the term maintenance contractor
- k) All lanterns and CMS are to the relevant British and EU standards, and CE marked which covers safety standards
- l) We do not hold this information
- m) We do not hold this information
- n) No
- o) All lanterns are to the relevant British and EU standards, and CE marked

4. Please see enclosed email and document search results, which searched for terms "5G", "2G in public spaces", "3G in public spaces", "4G in public spaces", "WiFi in public spaces" and "WiGIG in

public spaces". You will note that some information has been redacted out of the response. This is because the content did not fall within the scope of your request.

North Somerset Council now considers that it has complied with your request. However, you have a right to appeal if you are dissatisfied with our response. Requests for an internal review must be made in writing, and within 40 working days of this response being issued to you. When requesting an internal review, please include your reference number, the date of your original request and your contact details. Please also include an explanation of why you are dissatisfied with our response. Requests for an internal review should be sent to foi@n-somerset.gov.uk

If you are not content with the outcome of the internal review, you have the right to apply directly to the Information Commissioner for a decision. The Information Commissioner can be contacted at:
The Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF.
Phone: 0303 123 1113
Website: www.ico.gov.uk

I will now close your request as of this date.

Yours sincerely

A handwritten signature in black ink, appearing to be 'K. L. O.' followed by a flourish.

###

###

Lynsey Wilson

From: Richard Penska
Sent: 22 March 2016 10:45
To: Mike Jackson; John Wilkinson; Paul Morris; Richard Blows
Subject: FW: Transformation Initiatives
Attachments: Agilisys NSC-Project Commissioning Process_v1 2.pdf; Transformation Opps catalogue - updated 05.03.16.xlsx

Dear all,

Please find below an e-mail recently provided by Agilisys responding to the council's request for transformation ideas. [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]
Sent: Monday, March 07, 2016 3:19 PM
To: Richard Penska <Richard.Penska@n-somerset.gov.uk>
Subject: RE: Transformation Initiatives

Richard

Further to our earlier meeting, please now find attached the material we reviewed this morning;

- Proposed commissioning process – as discussed
- Opportunity Catalogue – updated to include alignment to NSC Transformation themes

The initial 13 opportunities also have a completed pre-qualification tab.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]
Sent: 26 February 2016 18:56
To: Richard Penska
Subject: Transformation Initiatives

Rich

Thanks for your time on Monday. I committed to document what we agreed in terms of the initiatives that we would look to take forward as well as other investigative actions we would undertake.

I will also take the opportunity here to outline next steps.

Projects to Move Forward

- Smart Town/Authority

[REDACTED]

More Information Required

[REDACTED]

- Street Lighting (LED's) – RP to investigate

[REDACTED]

We have already work-shopped the output from our session on Monday and are in the process of developing/finalising the following:

1. Blueprint proposal for future business case / project commissioning
2. Pre-qualification questionnaire (draft attached)
3. Commercial model to articulate joint costs
4. Delivery approach / sequencing

Any proposals will also include known projects for next year [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] | Transformation Programme Director | Agilisys

North Somerset: Town Hall, Walliscote Grove Road, Weston-super Mare BS23 1UJ

[REDACTED]

<http://www.agilisys.co.uk>

[REDACTED]

At Agilisys we deliver success through innovation... working with our clients to transform services that make a difference to millions of people across the UK.

[illegible]

ID: 4		Initiative Title: Smart Authority / Town		
Date Assessed: 04-Mar-16		Initiative Description: > Becoming a Smart Authority / Town by harnessing data to allow residents / visitors to transact and interact with the Council and it's partners e.g. > Providing the infrastructure to become a Smart Authority e.g. free ubiquitous WiFi in public spaces > Review of European funding		
Assessed By:				
Directorates Impacted:				
Organisation	Qualification Area	Question	Answer	Supporting Comments
NSC	Strategic Fit Assessment	Does the initiative support the aims of the Council?	Y	
		Does the initiative support the aims of the Directorate and / or Service Area?	Y	
	Stakeholder Assessment	Is there Political sponsorship (Leader and Portfolio Holder)?	?	
		Is there Executive sponsorship (Chief Executive and Director)?	?	
		Is there a relationship with the Head of Service?	?	
	Financial Assessment	What is the addressable budget from which to derive benefits?	Number	
		Can the initiative be Capitalised?	Y	
	Complexity Assessment	Will the initiative impact more than one service area?	Y	
		What level of organisational change is required?	M	
		What level of process change is required?	L	
What level of technical change is required?		H		
Agilisys	Strategic Fit Assessment	Will the initiative increase profitability?	Y	
		Will the initiative develop relationships (within Council and wider region)?	Y	
		Will the initiative create capability (to repeat sell)?	Y	
		Is this an enabling initiative?	?	
		Is this a dependent initiative?	?	
	Stakeholder Assessment	Is there a relationship with the Head of Service?	?	
	Risk Assessment	What is the level of risk to reputation?	H	
		What is the level of financial risk?	H	
	Capability Assessment	Has Agilisys delivered this elsewhere?	N	
		Will it be possible to use existing Agilisys services or solutions?	N	
		Has Agilisys got the capability to deliver the initiative?	N	
		Will Agilisys require external expertise/partners?	Y	
Decision: (Y/N) No	Comments: A thought leadership piece is required prior to putting this through a Blueprint process. This will need to include a review of the EU funding.			

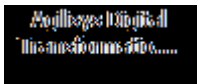
Lynsey Wilson

From: Richard Penska
Sent: 22 March 2016 14:51
To: Kieron Kilbride
Cc: John Wilkinson
Subject: RE: Digital strategy

Kieron,

A revised Strategy Document would be good. Please find attached the Digital projects provided by Agilisys (I think you will recognise most of them) for the Digital First Board's consideration.

Rich



From: Kieron Kilbride
Sent: Tuesday, March 22, 2016 11:54 AM
To: Richard Penska <Richard.Penska@n-somerset.gov.uk>
Subject: Digital strategy

Hello Richard

I hope all is well. Just a quick follow up to last week's strategy catch up. I've amended the doc to reflect your feedback. Would you like me to send over a copy (although I haven't tracked changes)?

I also thought I'd follow up on the outstanding action, whereby you were to send over the Agilisys potential project list for me to incorporate as necessary. If there was any update on that front it would be appreciated.

Kind regards,

Kieron Kilbride
Digital Transformation Manager
North Somerset Council

Tel: 01934 42 6626
E-Mail: [x@xx](mailto:k.kilbride@n-somerset.gov.uk)
Post: Town Hall, Walliscote Grove Road, Weston-super-Mare, BS23 1UJ
Web: www.n-somerset.gov.uk

ID	Initiative	Theme	Council Theme	Description	Status (22 Feb 2016)	Qualification (Y/N)	Grouping	Agilisys IT Involvement	Agilisys IT Led
■	■	■	■	■ ■ ■ ■ ■	■	■	■	■	■
■	■	■	■	■ ■ ■	■	■	■	■	■
■	■	■	■	■ ■ ■ ■	■	■	■	■	■
4	Smart Authority / Town	Smart Authority		> Becoming a Smart Authority / Town by harnessing data to allow residents / visitors to transact and interact with the Council and it's partners e.g. > Providing the infrastructure to become a Smart Authority e.g. free ubiquitous WiFi in public spaces > Review of European funding	Yes	N	N/A	M	N
■	■	■	■	■ ■ ■ ■ ■ ■	■ ■ ■	■	■	■	■
■	■			■	■				
■	■			■	■				

Lynsey Wilson

From: [REDACTED]
Sent: 20 July 2017 16:33
To: Michael Reep; [REDACTED]
Subject: RE: JSP Policy 7
Attachments: Policy 7 with introductory section with SGC Amends - Final 20th July 2017.docx

Thanks Michael for circulating and apologies for the delay in replying. Here are the suggested amends from South Glos.

Regards

[REDACTED]
[REDACTED]
Strategic Planning Policy and Specialist Advice Manager
South Gloucestershire Council
01454 863574

From: Michael Reep [mailto:Michael.Reep@n-somerset.gov.uk]
Sent: 07 July 2017 12:09
To: [REDACTED]

Subject: JSP Policy 7

Here is a revised version of Policy 7 where I have pulled out the common elements into an introductory section. I have then struck through the original text which would be superfluous in the detailed SDLs. I think this works – although there will be some discussion around the wording of the generic elements and what is needed in the detailed policies. I suggest that any wording in the detailed policies should be specific to the location.

Michael.

Michael Reep
Planning Policy Manager
Development & Environment
North Somerset Council

Tel: 01934 426775
E-Mail: Michael.Reep@n-somerset.gov.uk
Post: Town Hall, Walliscote Grove Road, Weston-super-Mare, BS23 1UJ
Web: www.n-somerset.gov.uk

Keeping in touch

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JSP Draft Policy

POLICY 7 – STRATEGIC DEVELOPMENT LOCATIONS SITE REQUIREMENTS

The following Strategic Development Locations will be delivered during the plan period:

Bath and North East Somerset: North Keynsham, Whitchurch.

North Somerset: Backwell, Banwell, Churchill, Nailsea.

South Gloucestershire: Buckover Garden Village, Charfield, South of Chipping Sodbury, Coalpit Heath, Yate, Thornbury.

The guiding principles common to all the strategic development locations are:

-
- The chart displays the percentage of respondents who believe that the U.S. should take more action to address climate change. The data is presented in two main sections: 'U.S. should take more action' and 'U.S. should take less action'. The 'U.S. should take more action' section is further divided into 'U.S. should take more action' and 'U.S. should take less action'. The 'U.S. should take less action' section is further divided into 'U.S. should take more action' and 'U.S. should take less action'. The chart shows that a majority of respondents believe the U.S. should take more action to address climate change.

Draft Confidential: This document is not for wider circulation

- Provision of high speed digital infrastructure, including wifi in public spaces.

[Redacted text block]

[Redacted text block]

[Redacted text block]

[REDACTED]

[REDACTED]

[REDACTED]

Vodacom claims it has reduced the cost of data in the past year. In a statement recorded in a [Moneyweb](#) report, spokesperson Byron Kennedy says: 'Vodacom can confirm that, as part of its ongoing pricing transformation strategy to address the cost-to-communicate in SA, we have reduced the effective cost of data by 34% in the past calendar year alone.' The report notes the Competition Commission measured SA data prices against other countries in Africa and around the world and found they compare poorly. **One reason is the government's repeated delays in providing new mobile spectrum, which would increase access and bring down costs,** it said. However, any upcoming auction should be based on a requirement for providers to cut fees and lay on services including free WiFi in public spaces. The wireless carriers' views on the findings should be submitted by 14 June, while a final report will be published later this year.

[Full Moneyweb report](#)

[REDACTED]

[REDACTED]