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PRESENTATIONS

Committee ENVIRONMENTAL SCRUTINY COMMITTEE

**Date and Time
of Meeting** TUESDAY, 7 MAY 2019, 4.30 PM

Please see attached the Presentation(s) provided at the Committee Meeting

Item 4 – LED Street Lighting Presentation (pages 3 – 10)

Item 5 – Planning, Transport and Environment Presentation (pages 11 – 18)

Item 6 – Shared Regulatory Service Presentation (Pages 19 – 32)

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LED Street Lighting on the Residential Road Network

Gary Brown

Operational Manager - Assets, Engineering and Operations

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Gweithio dros Gaerdydd, gweithio gyda'n gilydd
Working for Cardiff, working together



Agenda Item 4

Current position & future strategy

- Lighting stock of circa 39,000 units/lanterns
- 23,750 residential street lights currently dimmed between midnight and 6am.
- 13,600 LED lanterns have been installed on the strategic highway network (completed 2018).
- A Central Management System (CMS) has been introduced to control the lighting on the strategic network.
- Trials have taken place for LED on signs and bollards.
- LED traffic signals have been introduced on new and upgraded junctions.



Savings from LED Street Lighting on Residential Road Network

- Energy savings have been calculated at £423k per annum. The scheme will cost in the region of £6.5M.
- Interest free loan of £4.578M from SALIX applied for and accepted in principle.
- Scheme repayment through energy savings.
- Cost avoidance – safeguarding the authority against additional future costs arising from energy price increases. Energy prices have increased by an average 14% over the last two years and 16% for 2019/20.
- Estimated Carbon reduction of 836 Tonnes.



What is being delivered



- The Synchronisation with the Central Management System (CMS) will be delivered with the new LED street lighting. This allows the opportunity to have direct control and information from the street lights which will enable the further savings identified to be realised. The CMS will also enable integration of street lighting to other technology in any future 'Smart-City' project.



What Citizens Will See

- Following a trial of different LED lantern manufacturers, associated testing and stakeholder feedback a preference away from white / blue light (5000 Kelvin) to a warmer light (3000 Kelvin) was determined. Consequently, 3000 kelvin LED lights were installed throughout the strategic network.
- A pilot was also undertaken in the residential area of Radyr where the older style 'orange' lighting was replaced by LED. The lighting was well received with only 4 issues raised relating to installation and not the lighting itself.
- By utilising 3000 kelvin the LED light on the residential network will closely match the light from the streetwise lanterns that currently exist (white light). This will provide a unified colour & temperature across the City and a less dramatic change for residents.
- The Central Management System will allow light levels to be managed (turned up and down) depending on feedback and concerns.



Summary

- Pilot undertaken to ensure efficiency and acceptance.
- LED light to be 3000 kelvin which is the same level as the strategic and existing residential network.
- Synchronisation with the existing CMS to provide further energy saving potential and control of incident and fault finding.
- Further carbon reduction towards the Council target of 26% from key Council operations by 2020.



Next steps

- Formal Cabinet Report to be presented 16th May 2019.
- Recommendation to proceed and procure the contract to deliver LED street lighting on the strategic road network via open OJEU process.
- Recommendation to delegate authority to the Director of Planning, Transport and Environment, subject to consultation with the Cabinet Member for Finance, Modernisation and Performance and the Cabinet Member Strategic Planning and Transport, to deal with all aspects of the procurement process.



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Planning, Transport & Environment Delivery Plan Presentation

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Key Directorate Teams

- **Street Scene**
- **Planning**
- **Transport Policy, Strategy & Delivery**
- **Central Transport Services**
- **Bereavement, Registration Services and Dogs**
- **Energy & Sustainability**

Directorate's Key Role



Bringing together the place-based services to ensure that Cardiff is able to achieve its Capital City Ambition and be among the very best in the UK and Europe:

1. Ensuring that the streets/highway are clean, well maintained and managed
2. Waste services meet targets, productivity, and customer service levels
3. New Development is of a high quality
4. Ensure value for money, efficient Service Delivery
5. Deliver a range of high profile projects, including:
 - i. The new Central Transport Interchange
 - ii. Significant Waste and Recycling Facilities and Services
 - iii. New transport / Active Travel, such as cycle super highways,
 - vi. Major new Sustainable Communities
 - v. UK best practice Energy Projects

The Policy Framework – how it all fits together (The Golden Thread)



Delivery Plan Priorities (examples)

Delivery Plan includes 7 Key Priorities and 43 Headline Actions

SDP1 - Transforming and improving services

- Adopt Smart City approaches to managing city infrastructures
- Retain Cardiff Bus in public ownership and enhance the public bus transport infrastructure

SDP2 - To deliver a sustainable transport system

- Launch a new Transport & Clean Air Vision for the city and develop a Clean Air Strategy
- Support the delivery of the Council's Active Travel agenda

SDP3 - To deliver and manage future growth of the city

- Support the delivery of high-quality and well-connected communities
- Increase the delivery of new houses to meet housing need through the development of Local Development Plan

SDP4 - To join up frontline street scene services

- Work with Welsh Government and Local Authorities to jointly explore a new programme of regional recycling infrastructure
- Establish for roll-out an area-based model for cleansing and enforcement

Delivery Plan Priorities (cont)

SDP5 - Improving Central Transport Services

- Improving compliance of vehicle maintenance
- Development of a Fleet Procurement Plan

SDP6 - Develop Cardiff as a sustainable, resilient and low carbon energy capital

- Develop a City Food Strategy
- Deliver a 7.5 Megawatt Solar Farm at Lamby Way

SDP7 - Deliver high quality bereavement and registration services

- Deliver a long-term solution to ensure adequate burial space is provided for the future
- Develop a sustainable and enhanced service for the kennelling and re-homing of stray dogs

Challenges

1: Capital Ambition:

**Ensuring key projects are resourced/programmed and delivered
(Clean Air/Recycling/Energy/Active Travel etc)**

2: Budget

**Define and deliver an ambitious medium/long term budget re income,
management, governance and savings**

3: Transforming Services

Raise services to UK upper quartile performance

Delivery Plan Performance Measures & Review

- Host of measures included in Delivery Plan include Public Accountability Measures (National Performance Indicators) and Local Business Indicators which have been aligned to each Strategic Directorate Priority (SDPs)
- Measures have been reviewed to highlight past performance and for target setting purposes
- Measures will be utilised to gauge progress of Strategic Directorate Priorities and in-turn the Council's Capital Ambitions and Wellbeing Objectives
- Delivery Plan will be reviewed on a quarterly basis to establish progress, achievement, issues of concern, mitigating actions and consequent RAG status

Shared Regulatory Services (SRS)

Environmental Scrutiny Committee

Cardiff 7th May 2019



Shared
Regulatory
Services

Gwasanaethau
Rheoliadol
a Rennir

Shared Regulatory Services (SRS)

- A fully integrated Regulatory Services function delivering Environmental Health, Trading Standards and Licensing across **Bridgend, Cardiff, and the Vale of Glamorgan**
- **One** management structure
- A robust, sustainable, collaborative service that is more resilient and better placed to meet future demands

The SRS Business Plan

- The SRS Business Plan delivers the statutory “Regulatory” requirements placed upon each Council
- The SRS Business Plan supports the corporate aspirations of each Council through our five priorities



The SRS Business Plan – Delivering for Cardiff

- Capital Ambition
 - Help protect the public and ensure businesses act responsibly through the provision of the collaborative Regulatory Service.
 - Ensure taxi users and visitors to the city experience a consistently high-quality and safe service and that Cardiff taxi drivers are provided with a level playing field by using our regulatory powers to support customers and providers.
 - Reduce the number of problem and vacant houses through the Empty Homes Policy.
 - Drive up standards in the private rented housing sector by ensuring private landlords comply with their legal obligations under the Housing (Wales) Act 2014.

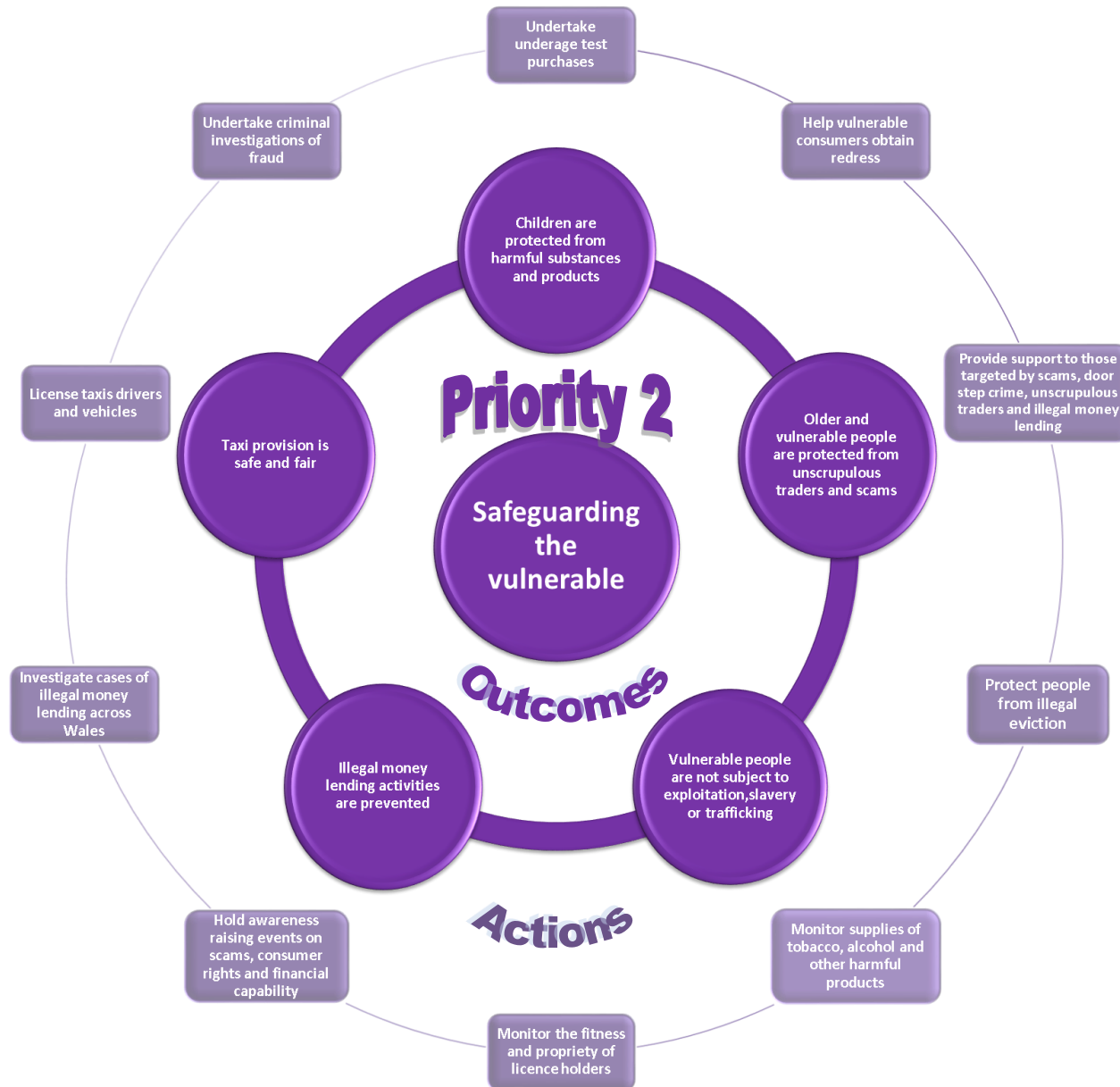
SRS Priorities



Improving health and wellbeing



Safeguarding the vulnerable



Protecting the environment



Supporting the local economy



Maximising the use of resources



The SRS cycle

- Section 6 of the plan – our activities
 - What did we do?
 - What did we learn?
 - What is coming our way?
 - What will we do in the next year?

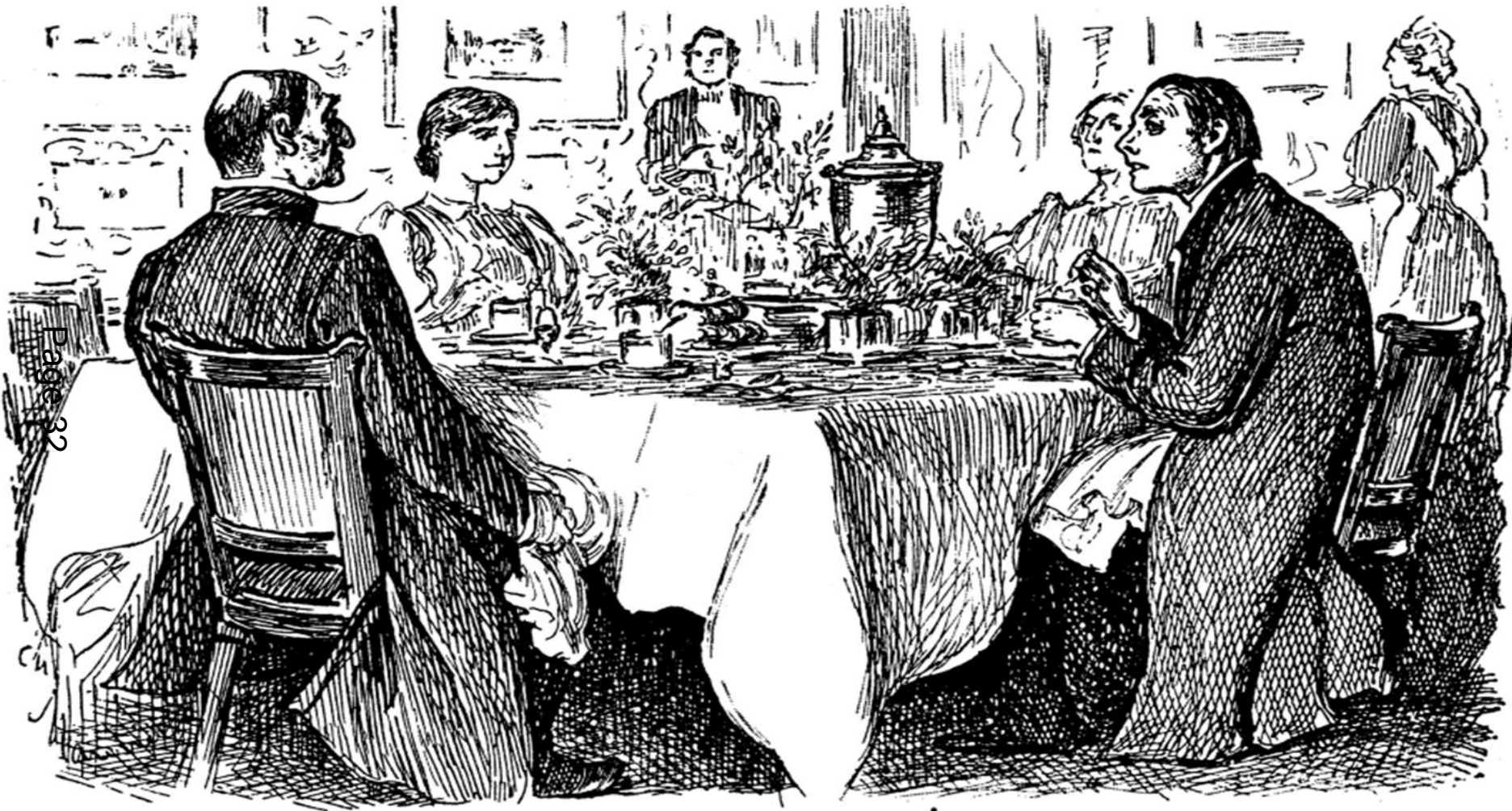
Performance – Critical success factors

- **People** – Competency and motivation to deliver the service
- **Performance** – Saying what we do; doing what we say
- **Processes** – systems harmonised
- **Pounds** – value for money, within budget
- **Perceptions** – what people think of us
- **Place** – locations, relationships with customers
- **Partners** – Joint working, supporting common goals
- **Positioning** – Relevance
- **Passion** - Can do, want to

Positioning for the future



How is it going?



TRUE HUMILITY

Right Reverend Host. "I'm afraid you've got a bad egg, Mr. Jones!"

The Curate. "On no, my lord, I assure you! Parts of it are excellent!"