



Programme for Sustainable LED Street Lighting

Ref. B12

Wellbeing Impact Assessment Report

This report summarises the likely impact of a proposal on the social, economic, environmental and cultural well-being of Denbighshire, Wales and the world.

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|--------------------------------------|--|
| Assessment Number: | 77 |
| Brief description: | Conversion of existing assets to more energy efficient equipment |
| Date Completed: | 18/10/2016 11:14:12 Version: 1 |
| Completed by: | Craig Wilson |
| Responsible Service: | Highways & Environmental Services |
| Localities affected by the proposal: | Whole County, |

IMPACT ASSESSMENT SUMMARY AND CONCLUSION

Before we look in detail at the contribution and impact of the proposal, it is important to consider how the proposal is applying the sustainable development principle. This means that we must act "in a manner which seeks to ensure that the needs of the present are met without compromising the ability of future generations to meet their own needs."

Score for the sustainability of the approach

Could some small changes in your thinking produce a better result?

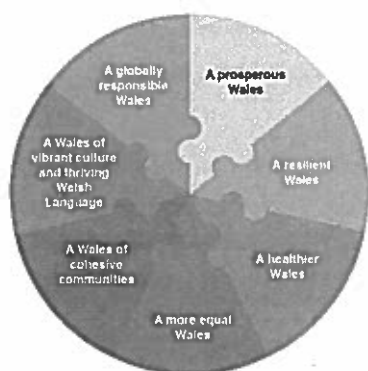


(3 out of 4 stars)

Actual score : 18 / 24.

Summary of impact

Wellbeing Goals



| | |
|---|----------|
| A prosperous Denbighshire | Positive |
| A resilient Denbighshire | Positive |
| A healthier Denbighshire | Neutral |
| A more equal Denbighshire | Neutral |
| A Denbighshire of cohesive communities | Positive |
| A Denbighshire of vibrant culture and thriving Welsh language | Neutral |
| A globally responsible Denbighshire | Neutral |

Main conclusions

This project will reduce energy consumption and associated carbon emissions, whilst improving lighting standards and the appearance of the existing road network throughout the county.

THE LIKELY IMPACT ON DENBIGHSHIRE, WALES AND THE WORLD

A prosperous Denbighshire

| | |
|--------------------------|--|
| Overall Impact | Positive |
| Justification for impact | The project will improve the safety, illumination and appearance of the road network |

Positive consequences identified:

Lower energy consumption and carbon emissions
The project will improve the general appearance of the area
Improved road and network infrastructure

Unintended negative consequences identified:

Mitigating actions:

Consultation with affected stakeholders

A resilient Denbighshire

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|--------------------------|--|
| Overall Impact | Positive |
| Justification for impact | Improvement to existing lighting standards whilst achieving energy and carbon reductions |

Positive consequences identified:

Use of recyclable products and reduction of light pollution.
Reduction in energy consumption and carbon emissions
Less light pollution comparison to previous assets. Press release issued to raise awareness

Unintended negative consequences identified:

Increased waste collections

Mitigating actions:

Old equipment is reused or recycled where possible.

A healthier Denbighshire

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|----------------|---------|
| Overall Impact | Neutral |
|----------------|---------|

| | |
|--------------------------|---|
| Justification for impact | This project has a negligible impact on promoting healthy lifestyles. |
|--------------------------|---|

Positive consequences identified:

Improved lighting promotes a sense of security and well being.

Unintended negative consequences identified:

Mitigating actions:

Not applicable.

A more equal Denbighshire

| | |
|--------------------------|----------------------------|
| Overall Impact | Neutral |
| Justification for impact | This project has no impact |

Positive consequences identified:

Unintended negative consequences identified:

Mitigating actions:

This project has no impact

A Denbighshire of cohesive communities

| | |
|--------------------------|--|
| Overall Impact | Positive |
| Justification for impact | This project will have a positive impact on community safety and well being. |

Positive consequences identified:

Better lighting promotes a sense of security and reduces the fear of crime.
The project will improve the aesthetic appearance of the area

Unintended negative consequences identified:

Mitigating actions:

No negative impacts

A Denbighshire of vibrant culture and thriving Welsh language

| | |
|--------------------------|-----------|
| Overall Impact | Neutral |
| Justification for impact | No impact |

Positive consequences identified:

Unintended negative consequences identified:

Mitigating actions:

No impact

A globally responsible Denbighshire

| | |
|--------------------------|---|
| Overall Impact | Neutral |
| Justification for impact | Negligible impact as a consequence of the project |

Positive consequences identified:

Products will be sourced responsibly.

Unintended negative consequences identified:

Materials cannot be procured from local suppliers due to the specialised nature of the equipment.

Mitigating actions:

Negligible impact as a consequence of the project