



Street Lighting

Invest To Save Proposal



Stockton-on-Tees
BOROUGH COUNCIL

Economic Regeneration and Transport

Big plans for an outstanding Borough

Street Lighting – current position

- 28000 lamp columns within the Borough.
- Age profile between 0 – 80+ years.
- varying lantern types and wattage's
- yellowish' low/high pressure sodium lanterns
- £1.3million per year on energy
- £800k per year maintaining stock
- Current external contract based on performance
- Some annual capital replacement - £300k



LED Technology

Benefits:

- Reduction in Energy
- Reduced carbon Footprint
- Lower Maintenance cost (only cleaning and testing)
- Reduced fear of Crime
- Reduction in light pollution
- Improved colour recognition

Recent trials of LED lighting been undertaken in 5 residential locations across the Borough...

LED Trial Results

Before



After



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Feedback

“Much better all round lighting and directed downwards with virtually no upward or sideways diffusion, the lights themselves are fine but they have been spaced too far apart leaving dark areas of the street.”

“LED lights are much nicer and feel more like natural evening lighting compared with the glare from the orange ones.”

“I prefer the LED lighting as the road its self is better lit – but as you drive into Brookwood Way it is not as welcoming.’

The Next Steps

- Plan for investment to replace:
 - 28,000 lanterns to LED technology
 - Replace all concrete columns (3000)
 - Replace all columns over 25 years old (8500)
- Tender or develop in house option to deliver replacement programme
- Development Communication/Implementation Plan to all Members
- Completion of a new street lighting policy to reflect the change in approach