

Initial equality impact assessment screening form (As of October 2015 this form replaces 'Record of decision not to carry out an EIA')	
This form records an equality screening process to determine the relevance of equality to a proposal, and a decision whether or not a full EIA would be appropriate or proportionate.	
Directorate	BES
Service area	Highways and Transportation
Proposal being screened	1614 Accelerated roll-out of LED streetlights
Officer(s) carrying out screening	Christian Turner, Michael Douglas, Paul Gilmore
What are you proposing to do?	<p>Street lighting consists of roadway and footway lighting. Roadway lighting is provided by the County Council whilst footway lighting is most often provided by the District, Town or Parish Council. In order to reduce public confusion the County Council co-ordinates all communications (such as enquiries, comments, faults et.) on streetlighting.</p> <p>The 50,000 streetlights cost around £2.1million to power and £1.2 million to maintain each year. To help reduce these costs the County Council is running an ongoing programme to gradually replace old street light technologies with new more efficient LED equipment. The LED equipment costs less to power and is more reliable.</p> <p>Initial calculations indicate replacing all the streetlights with LEDs could generate a saving of approx. £900,000 - £1.1m from the annual street lighting revenue budget (energy and maintenance). However, the current rate of replacement is about 1100-1200 lights per year and therefore revenue savings year on year will be small.</p> <p>This project would aim to evaluate how this replacement programme could be accelerated to establish a large revenue saving as soon as possible.</p>
Why are you proposing this? What are the desired outcomes?	<ul style="list-style-type: none"> • Deliver revenue savings – initial estimates suggest approx. £900,000 - £1.1m pa. • In addition to the £900,000 revenue saving it is expected that the installation of LED lanterns will result in fewer defects, reduced routine cyclical maintenance requirements and a significant on-going energy reduction. • The installation of LED lighting will also provide improved illumination of the carriageway and footways, better uniformity and reduced light spillage and light pollution. • LEDs provide a white light with vastly improved colour rendering which allows people to perceive colours more realistically or naturally in comparison to older sodium lighting.
Does the proposal involve a significant commitment or removal of resources? Please give details.	Yes – significant resources to implement the project on an accelerated basis.

<p>Is there likely to be an adverse impact on people with any of the following protected characteristics as defined by the Equality Act 2010, or NYCC's additional agreed characteristics? As part of this assessment, please consider the following questions:</p> <ul style="list-style-type: none"> To what extent is this service used by particular groups of people with protected characteristics? Does the proposal relate to functions that previous consultation has identified as important? Do different groups have different needs or experiences in the area the proposal relates to? <p>If for any characteristic it is considered that there is likely to be a significant adverse impact or you have ticked 'Don't know/no info available', then a full EIA should be carried out where this is proportionate. You are advised to speak to your Equality rep for advice if you are in any doubt.</p>				
Protected characteristic	Yes	No	Don't know/No info available	
Age		No		
Disability		No		
Sex (Gender)		No		
Race		No		
Sexual orientation		No		
Gender reassignment		No		
Religion or belief		No		
Pregnancy or maternity		No		
Marriage or civil partnership		No		
NYCC additional characteristic				
People in rural areas		No		
People on a low income		No		
Carer (unpaid family or friend)		No		
Does the proposal relate to an area where there are known inequalities/probable impacts (e.g. disabled people's access to public transport)? Please give details.	No			
Will the proposal have a significant effect on how other organisations operate? (e.g. partners, funding criteria, etc.). Do any of these organisations support people with protected characteristics? Please explain why you have reached this conclusion.	No			
Decision (Please tick one option)	EIA not relevant or proportionate:		Continue to full EIA:	Yes
Reason for decision	On the whole there will no adverse impacts on characteristics as listed above. There is the possibility that the changes in the colour of light from the LEDs will have some impact on some people with macular degeneration and on natural fauna. Therefore, some further investigation is required to establish the extent of this impact.			
Signed (Assistant Director or equivalent)	Barrie Mason			
Date	29.6.16			