



Case Study

North Tyneside, UK

THORN

member of zumtobel group

North Tyneside saves cash and slashes carbon emissions

With Thorn Lighting



Thorn Lighting is helping North Tyneside Council to save millions of pounds and help the environment through the refurbishment of thousands of street lamps. 7,300 sodium lamps across the borough are set to be replaced with modern energy efficient LED street lights and so far almost 4,000 old street lamps have been replaced with Thorn's [Civiteq](#) highly effective LED lighting thanks to a partnership between the council and SSE Enterprise.

It is estimated that the scheme, which is due for completion in June 2018, will generate savings of £7.9 million over the next 17 years and will slash carbon emissions by 1,500 tonnes a year, which represents a 7% reduction in the council's carbon footprint. The £1.95 million upgrade will

save around £465,000 annually and will have paid for itself within five years. SSE Enterprise, who specified Thorn luminaires for the scheme, manages street lighting in North Tyneside on behalf of the council. (NOTE: This is a Council funded project)

Thorn's Civiteq is a cost effective LED road lighting solution that offers the best possible balance between cost of ownership and performance, easily adapting to any installation layout. Its R-PEC® optic has been designed to provide safe and efficient light on residential streets and busy roads. 12 precise light distributions deliver unparalleled versatility, whilst Civiteq's Bi-Power switch can be used to activate or deactivate dimming on site.

Councillor John Stirling, Cabinet Member for the Environment, said: "The new LED lights are more cost-effective and efficient than traditional lamps in every way. They're longer-lasting, cheaper to maintain, and they help the council to reduce its carbon footprint while also reducing light pollution."

I think this is an excellent example of the council using innovation and modern technology, while investing to save. The project will go a long way towards meeting our carbon reduction targets in the coming years, and will also help us financially as we continue to meet the challenge of a reducing budget."



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