



# LED Bradley Stoke

[www.southglos.gov.uk](http://www.southglos.gov.uk)



# Who am I

James Hall – Senior Project Engineer  
(Street Lighting – StreetCare)

# What are we doing?

10 year project – 3000 per year

From this

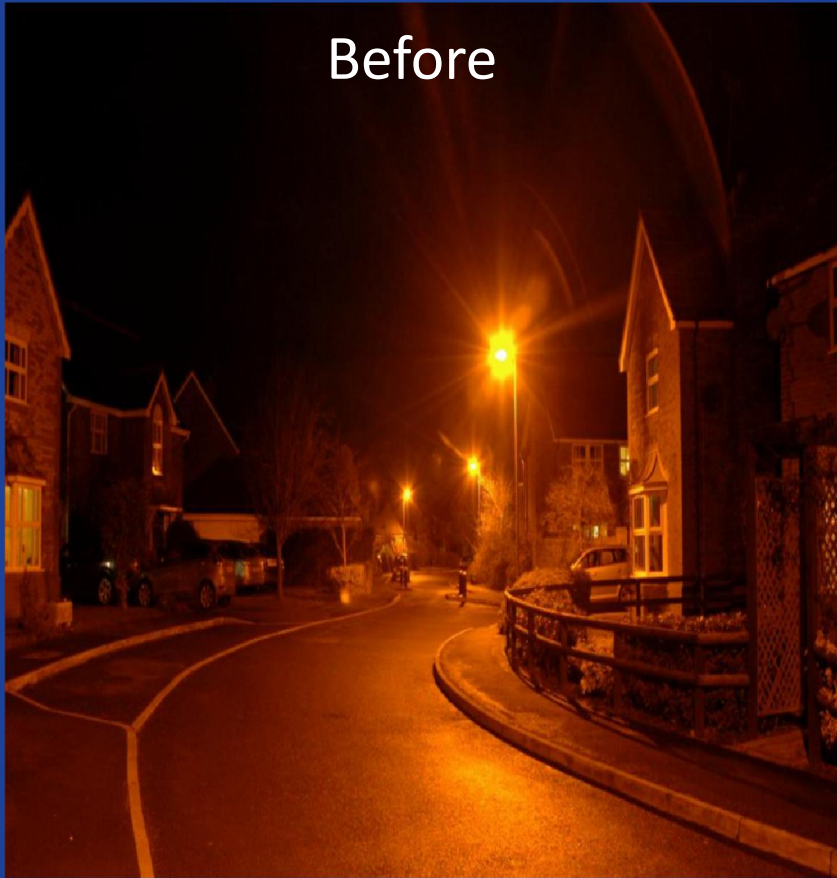


To this



# What will it look like?

Before



After



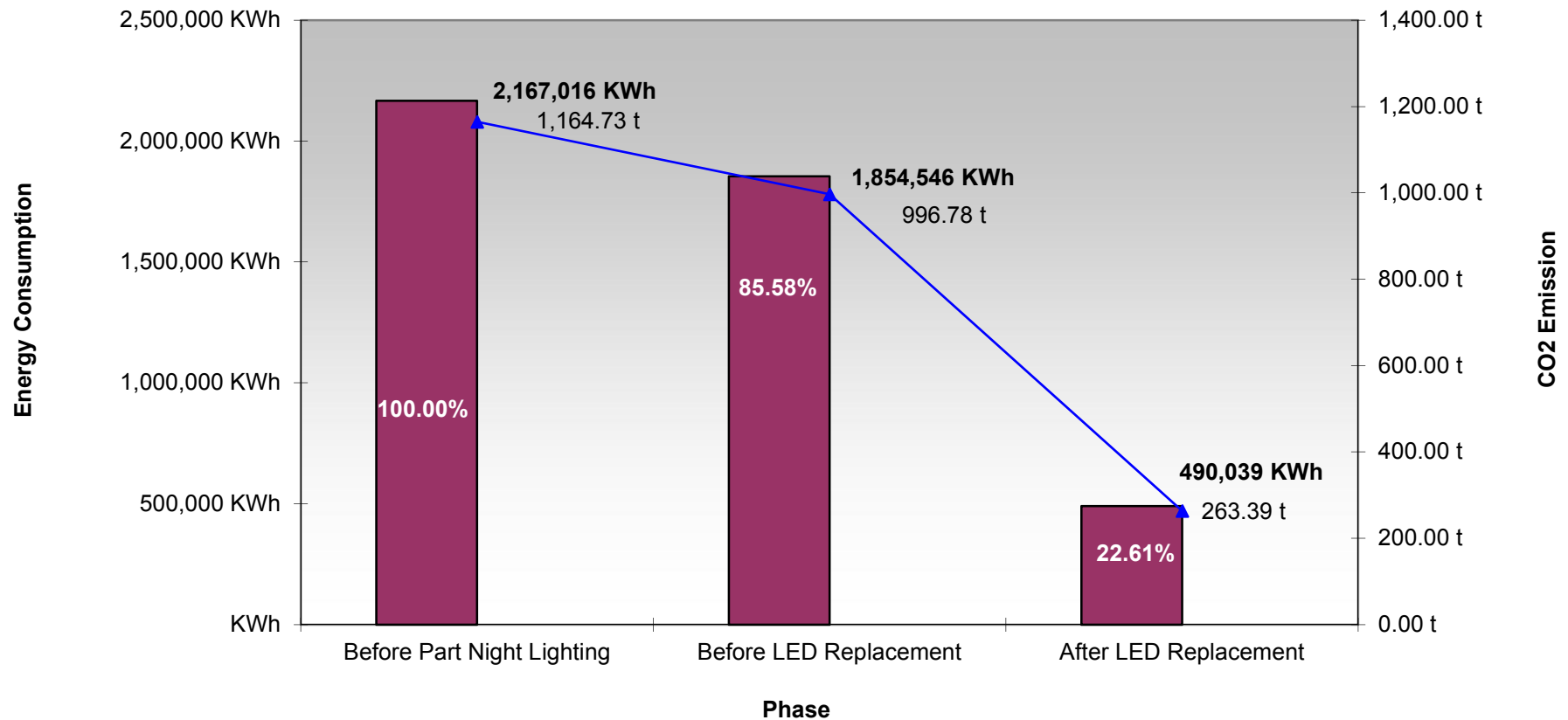
Picture taken from Charfield installation

# Areas done in Year 1

A38 (Falfield to Filton) – Complete  
Hanham – Complete  
A4174 - Complete

Refuges - Complete  
Industrial estates - Complete

### YEAR 1 LED Replacement Energy & CO<sub>2</sub> Reduction



# Areas for Year 2

A420 – Complete

A403 – Complete

A431 - Complete

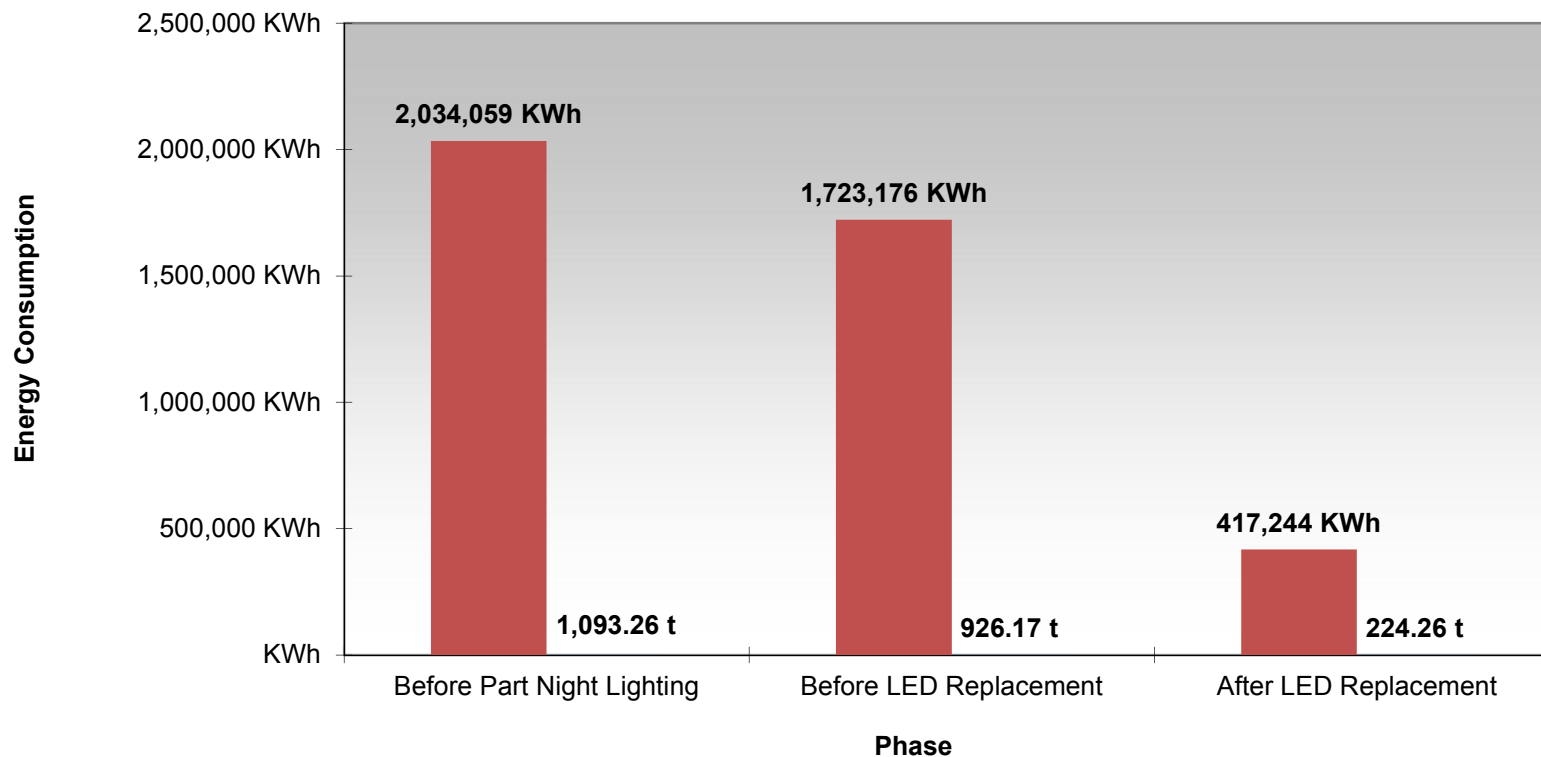
Bradley Stoke – will be split over 2 financial years

A432 - Complete

A4018 - Complete

Cribbs Causeway - Ongoing

**YEAR 2 LED Replacement Energy & CO<sub>2</sub> Reduction**



# Reasons for order of works

Highest wattage first = Biggest savings

Highly visible A4174 and A38

# Negatives

Appearance of less light – More direct on road and footway

Big difference to existing – takes time to get used to.

Big capital outlay



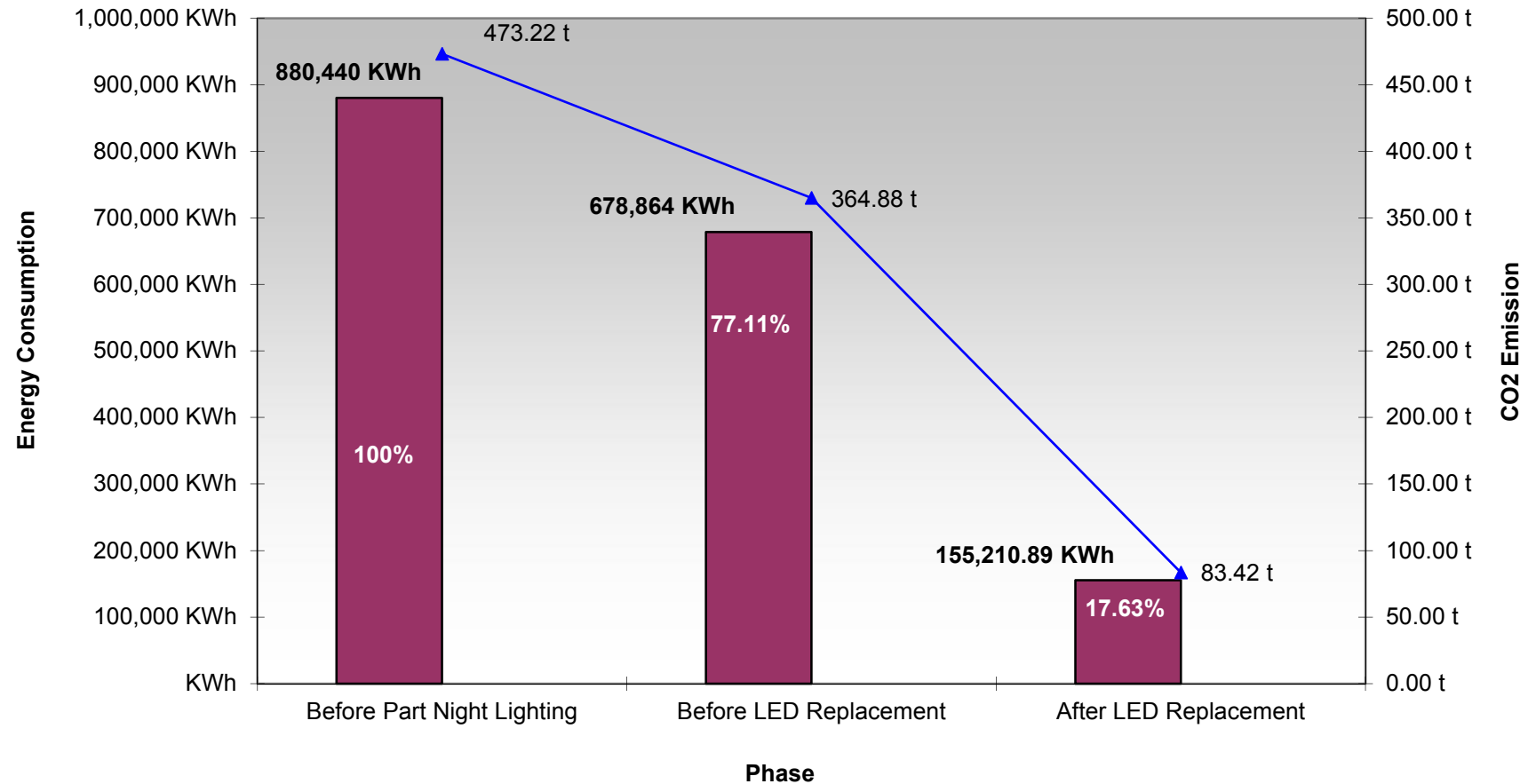
# Benefits of LED

- Less maintenance
- Accurate switching
- Dimming and trimming
- Reduced skyglow
- Huge reduction in energy consumption and Co2



# What will it save at Bradley Stoke?

## BRADLEY STOKE LED Replacement Energy & CO<sub>2</sub> Reduction



# When is it happening?

Materials have been ordered and expected delivery November 2015.

Installation December - will last 6 months.

May cause some disruption – Will avoid peak times on main Roads etc.

Some of the works are tied in with the North Fringe to Hengrove Package (NFHP) scheme so may take longer



**Thank you for listening**



**Email Address:**

**James.hall@southglos.gov.uk** — (until 30<sup>th</sup> October)

**Or**

**Andrew.porter@southglos.gov.uk**