

PROJECT : LIGHTBULB REPLACEMENT

1

WHAT?

Investigating switching high energy bulbs (e.g. fluorescent tubes or halogen bulbs) for lower energy bulbs e.g. LED bulbs and tubes.

WHY?

Financial - energy is expensive, practice has high energy bills and want to reduce them.

The surgery uses a lot of excess power and it's something we've needed to address.

Actionable within budget and time scale, while having a positive impact on energy usage/cost saving.

2

3

HOW?

We changed the light bulbs to LED

Worked out cost of running a single fluorescent tube vs cost of running an LED tube.

Looked at cost of buying replacement tubes.

Swap all our current light bulbs to LEDs as the older bulbs reach the end of their life.

WHO?

Practice manager, admin.

Estates team, maintenance manager

4

5

WHAT WENT WELL?

Useful information to look at for lighting.

Will roll out new tubes over the coming 6-12 months.

Cost savings are significant enough to justify replacing bulbs.

Overall cost saving in the first year - around £2k. Future years - over £3k

EVEN BETTER IF?

Need to consider comms - how best to reach as many people as possible.

Remembering bulbs can be replaced gradually rather than all at once - don't have the time to do it all in one go.

6

RESOURCES

<https://www.energysavingonline.co.uk/led-light-bulbs>

Doing what we do, but a bit greener

Dr Matt Sawyer



See Sustainability