

# ENERGY EFFICIENCY WORKSHOP – Aimhigher Project

## BULB ENERGY EFFICIENCY TEST

| Bulb Type                | Watts | Kilowatts (watts x 1000) |
|--------------------------|-------|--------------------------|
| Tungsten Bulb            |       |                          |
| Halogen Bulb             |       |                          |
| LED Bulb                 |       |                          |
| Compact Fluorescent Bulb |       |                          |

## CARBON CALCULATION

| Bulb Type                | Kilowatts<br>X | Hours used<br>(Kwh)<br>X | Conversion<br>factor<br>(0.43)<br>X | CarbonDioxide<br>(CO <sub>2</sub> )<br>= |
|--------------------------|----------------|--------------------------|-------------------------------------|------------------------------------------|
| Tungsten Bulb            |                |                          | (0.43)                              | =                                        |
| Halogen Bulb             |                |                          | (0.43)                              | =                                        |
| LED Bulb                 |                |                          | (0.43)                              | =                                        |
| Compact Fluorescent Bulb |                |                          | (0.43)                              | =                                        |

| Bulb Type                | Bulb Life | Bulb Cost | CarbonDioxide<br>(CO <sub>2</sub> ) |
|--------------------------|-----------|-----------|-------------------------------------|
| Tungsten Bulb            |           |           |                                     |
| Halogen Bulb             |           |           |                                     |
| LED Bulb                 |           |           |                                     |
| Compact Fluorescent Bulb |           |           |                                     |

Best Bulb:

- 1)
- 2)
- 3)
- 4)