Tasks for the day

Success criteria for the build

- be 30cm tall
- minimise light pollution (scroll:bit)
- be robust
- use the available sensors (sense:bit)
- be smart (use other micro:bits for this!)

Elevator pitch

You will need to prepare an elevator pitch that you will need to present to a judge in the afternoon. The pitch should briefly explain the benefits of your design ideas to the judge in around 2 minutes. The judge may also have some questions. The pitch can include a brief presentation (3 slides).

Design adaptation (stretch tasks)

You will be given a list of additional challenges that add functionality to the street light. You will be given extra points for each one of these that you successfully implement.

Marketing

You need to develop some marketing material to advertise your product to other cities/countries. You must use appropriate software for the task. You need to create:

- a logo (digital)
- a 1 page website (a mock-up will do if the tools are not available)
- a marketing flyer (A5)

Stretch tasks

The stretch tasks require additional hardware that can be got from the judges. There is a limited supply of this hardware teams can only access the hardware once their main light is complete. Completing these additional challenges gains extra points!