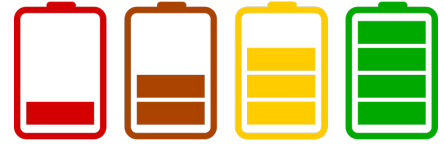


checkBin - Evaluation

What we Plan to Measure for the Evaluation

- total energy consumption of the board, sensors and actuators
- total network usage on the LoRa gateway and on every single board
- final cost of the product



What we Plan to Measure for the Evaluation

- percentage of inaccurate measurements in the bins
- difference between real fill level and measured fill level on a sample
- average filling level when bins are emptied



Tools that will be used



Two phase plan

1. install the devices and
measure data in order to
create a baseline



2. enforce new policies
based on the data and
compare the outcomes to
the baseline