



BUILD-IT VN

INTELLIGENT ELECTRICAL SYSTEM FOR CLASSROOM

HCMUTE TEAM 2



BUILD-IT

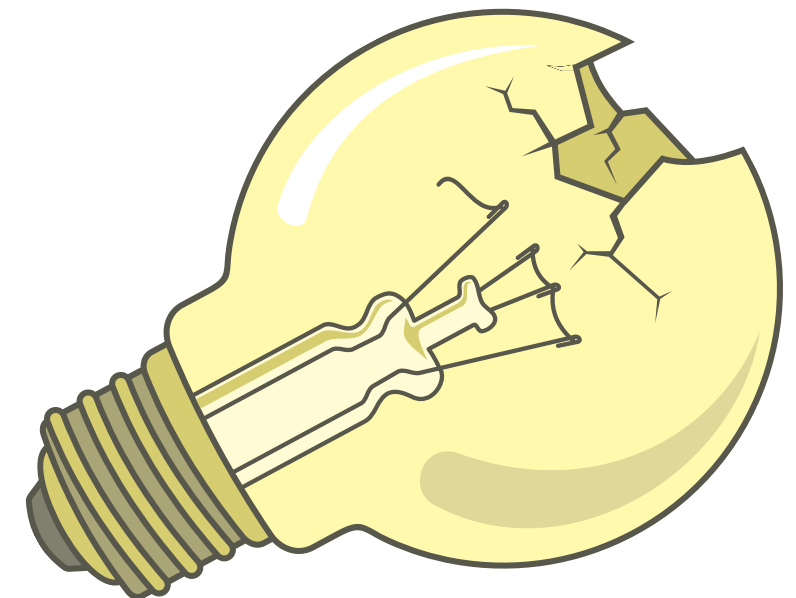
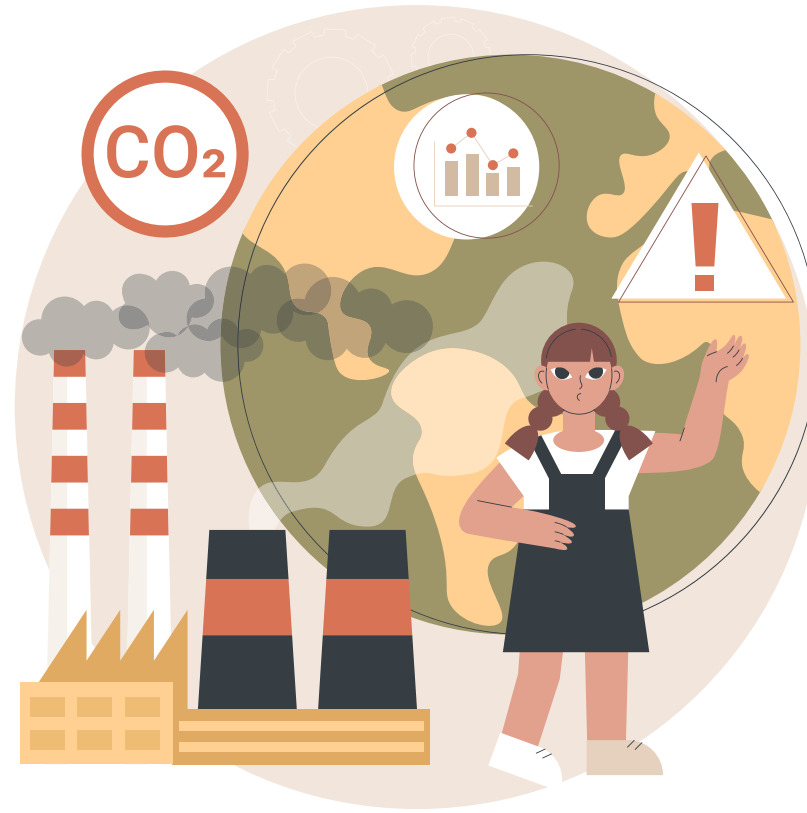
ASU Ira A. Fulton Schools of
Engineering
Arizona State University



Global EPICS



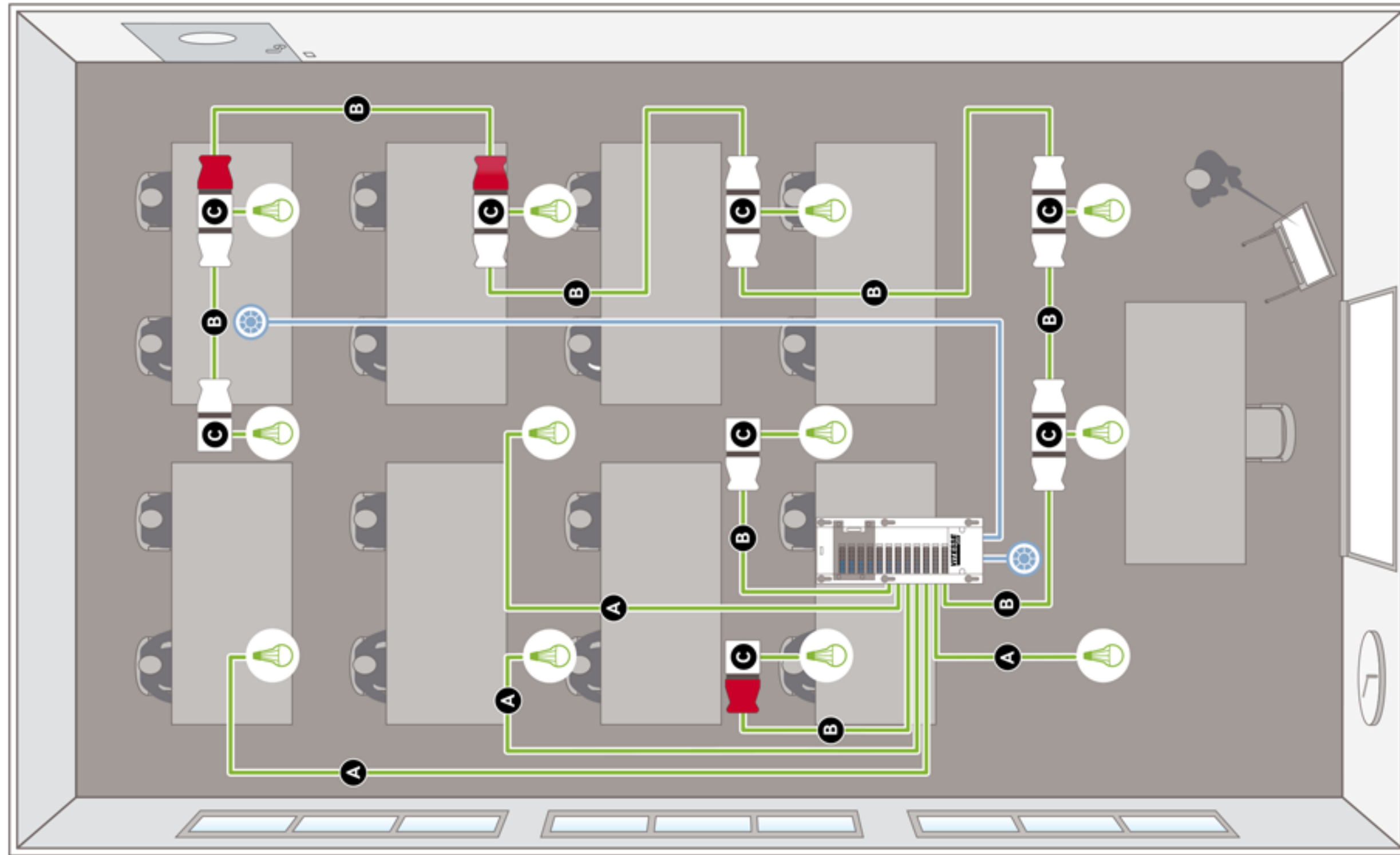
PROBLEM



EXISTING SOLUTION



1. *PROJECT SUMMARY*



Light fittings



Presence Detector

A

Luminaire Leads

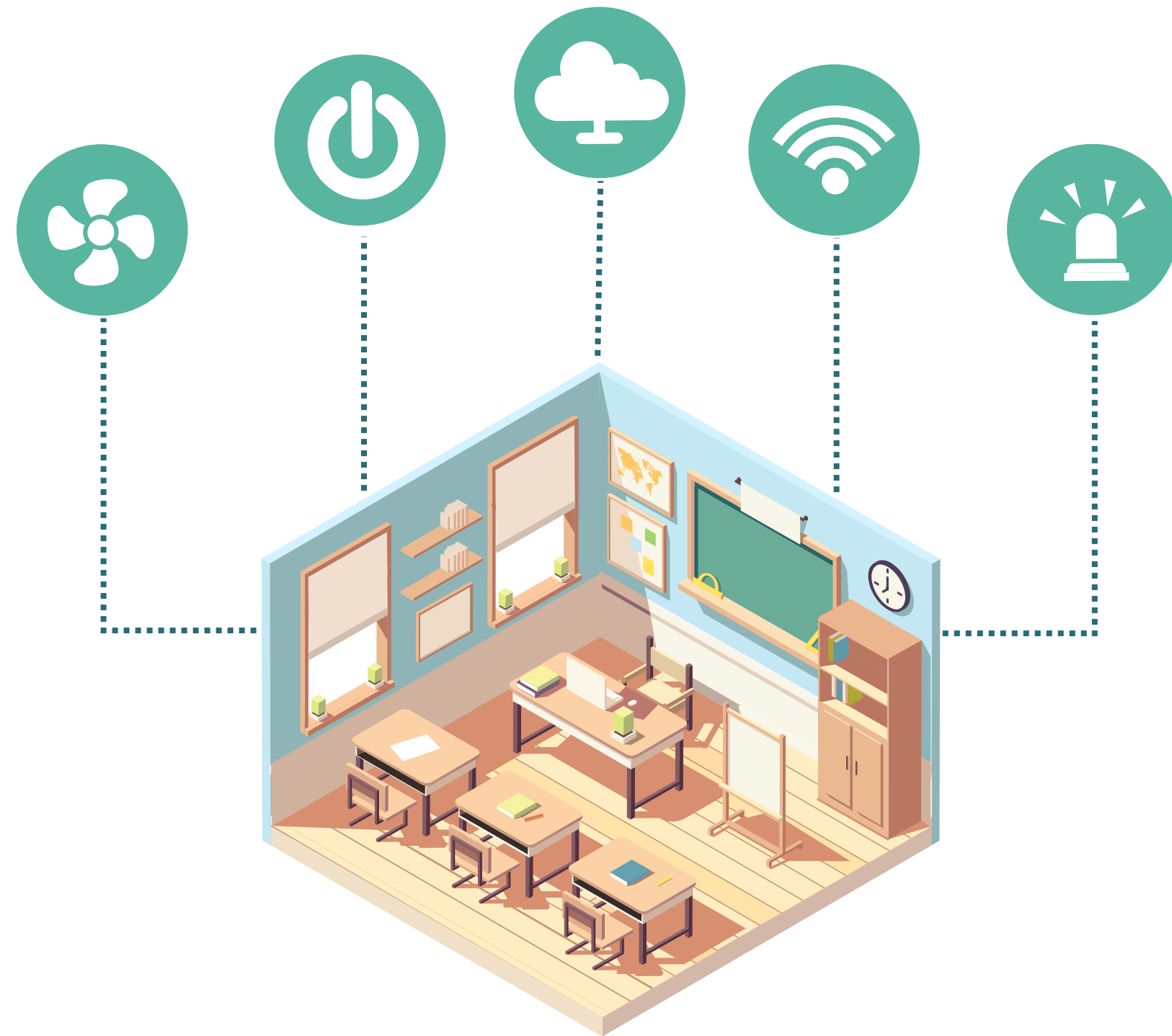
B

Extender Leads

C

Tee Modules

2. *AIMS OF SYSTEM*



3. *FEATURE*

Remote management

Control and view device data remotely anywhere

Auto-toggle

Turn devices on and off based on data from sensors in the classroom

01



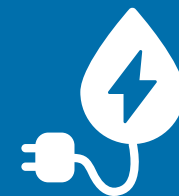
03



02



04



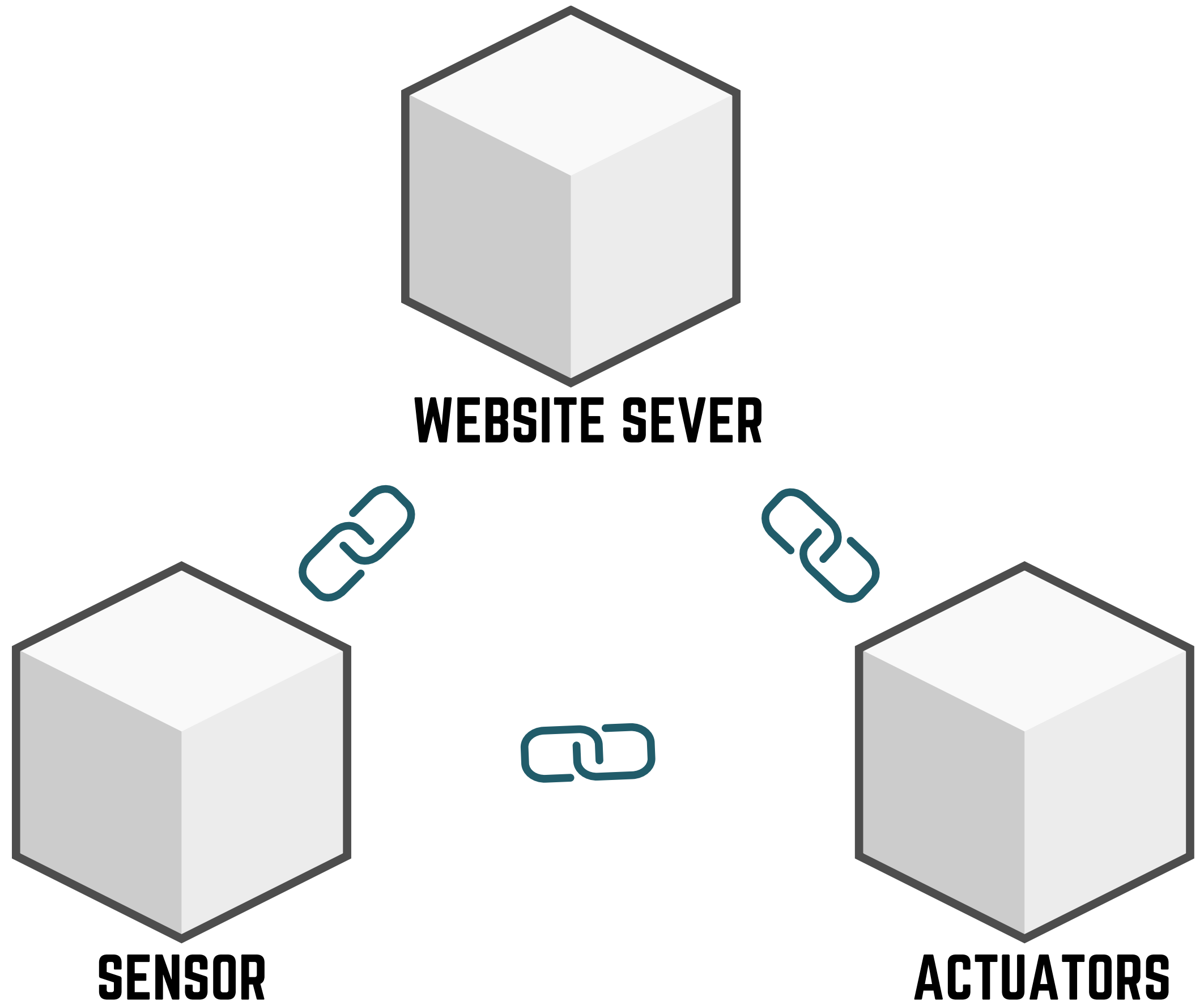
Scenario toggle

Turn the device on and off based on the scenario that has been actively set up from the user

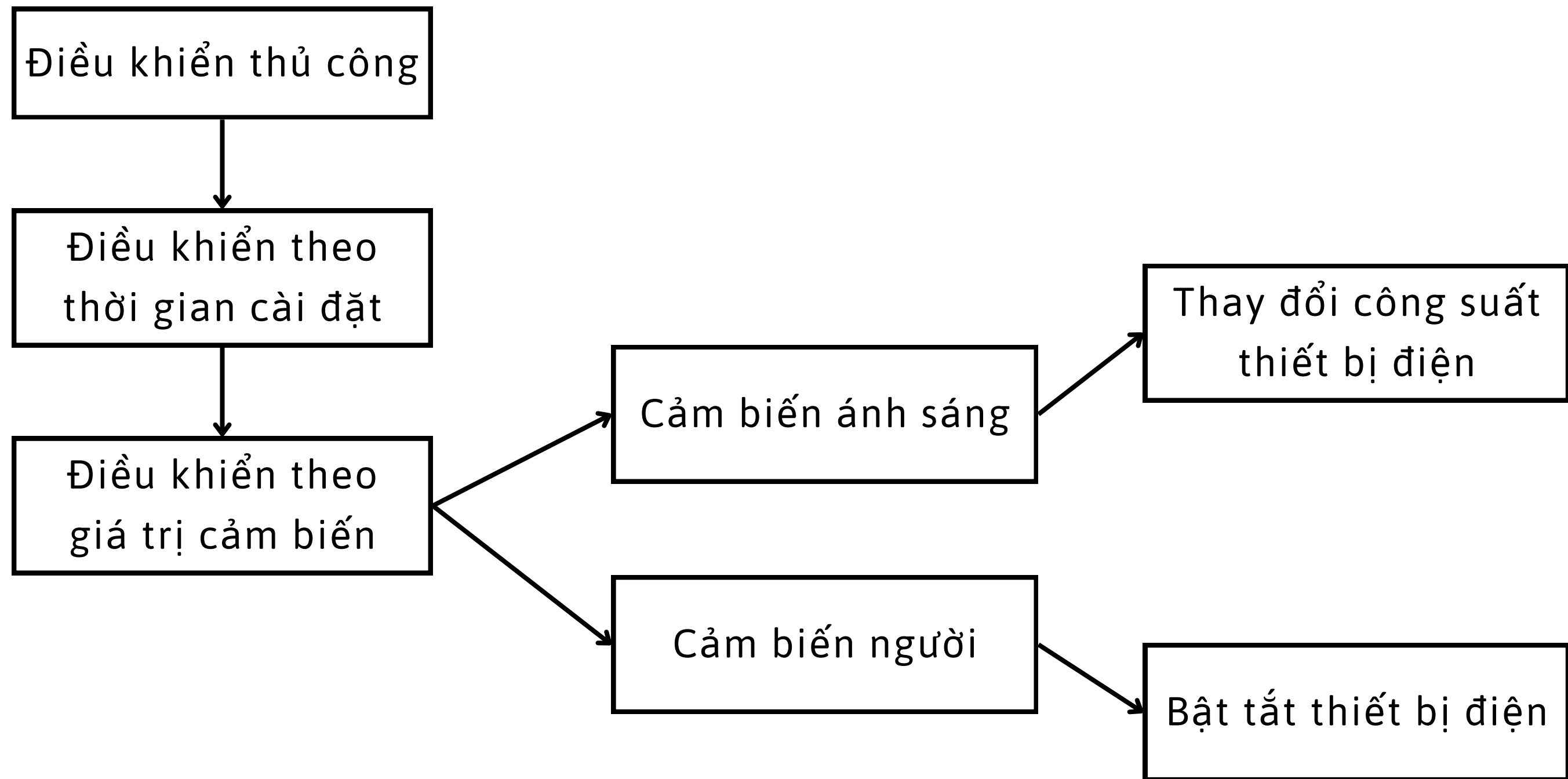
Power saving mode

Use energy saving mode and solar power instead

4. *PROCESS*



4. *PROCESS*



5. *TARGET SUBJECT*



THANK YOU!

