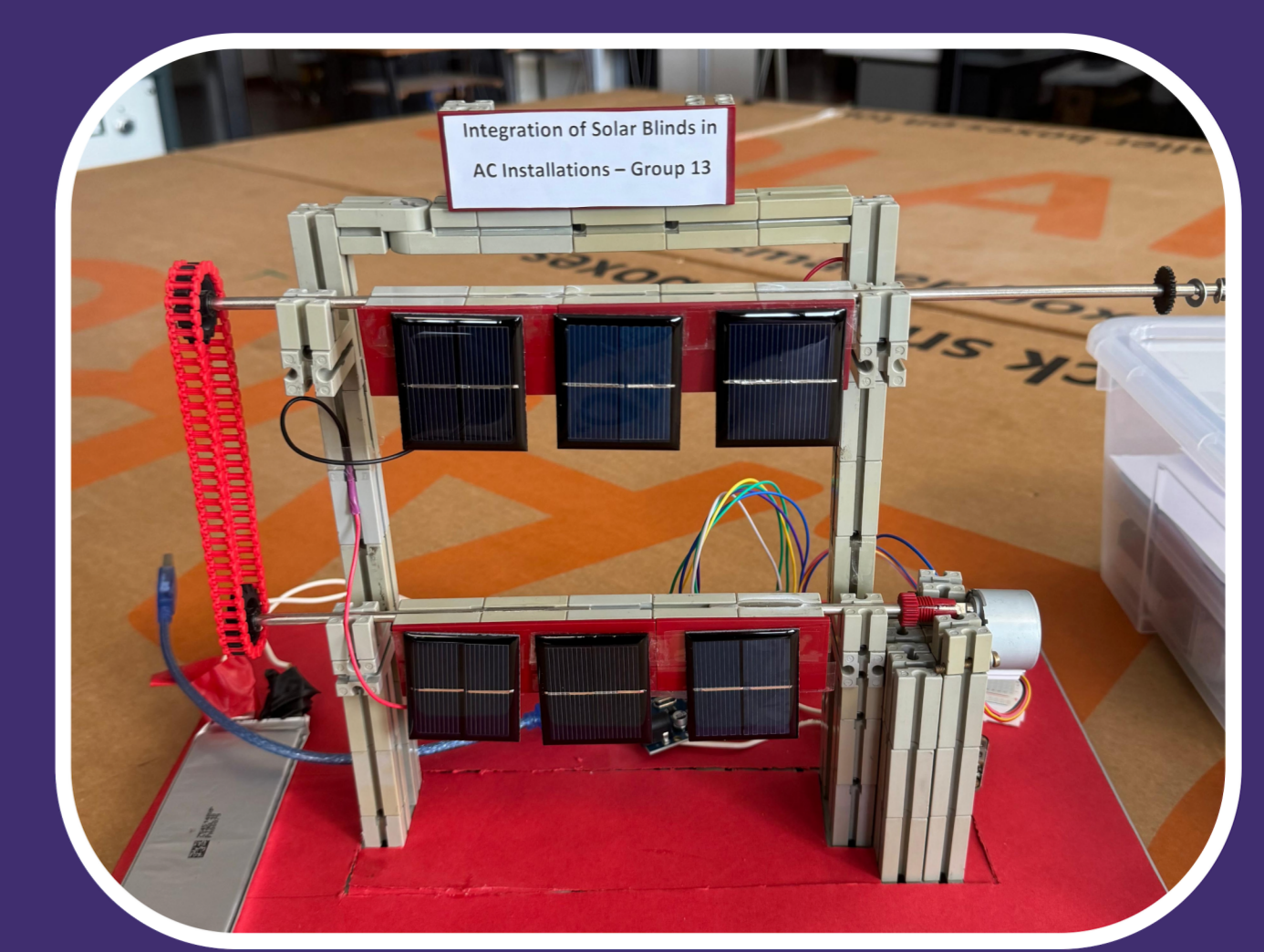


Integration of Solar Blinds in AC Installations

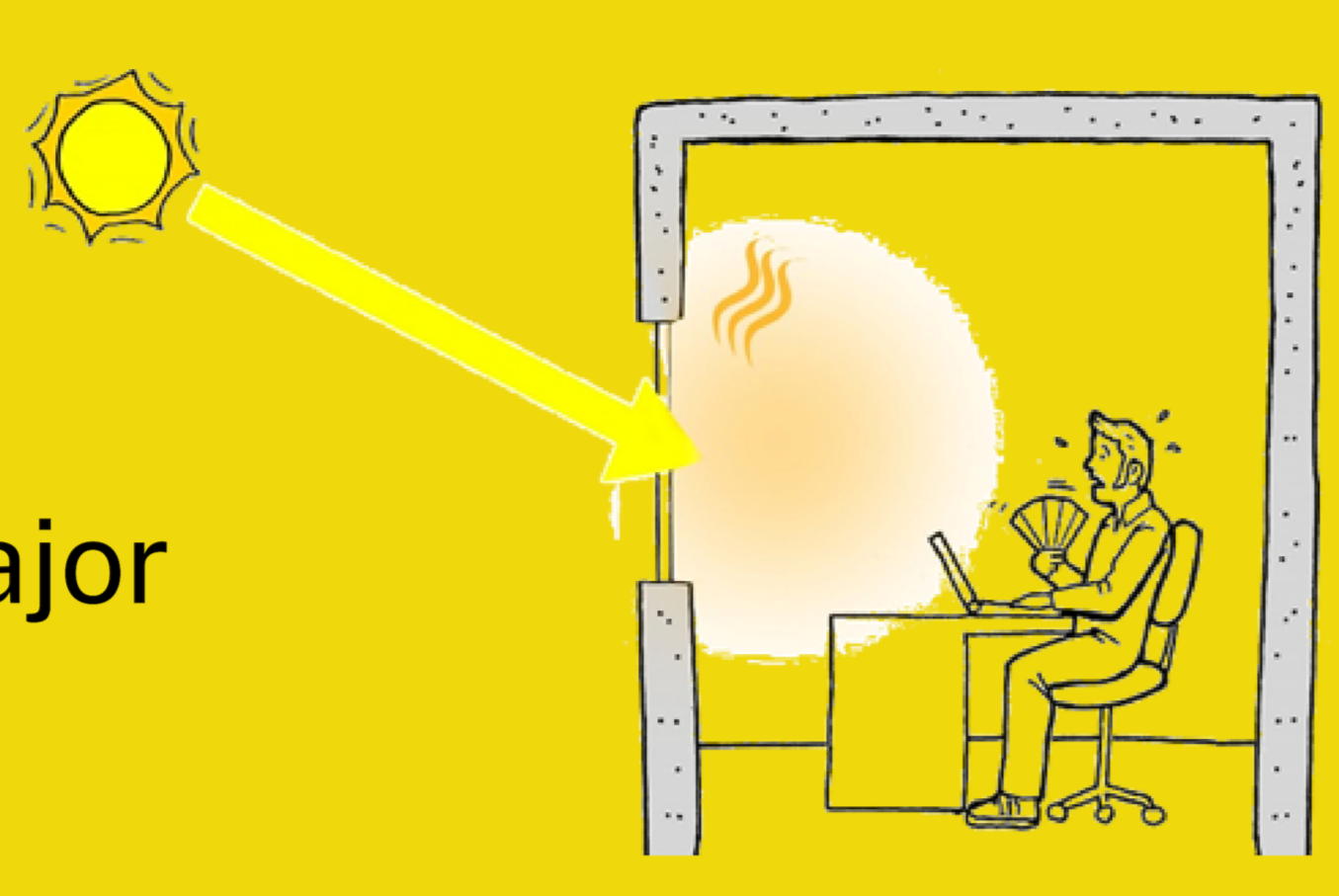


PIC - Group 13

“GET OFF THE GRID, GET ON THE SUN”

PROBLEM

There is significant energy inefficiency in conventional electrical installations. Regular blinds represent major **energy loss** and **heat gain**.

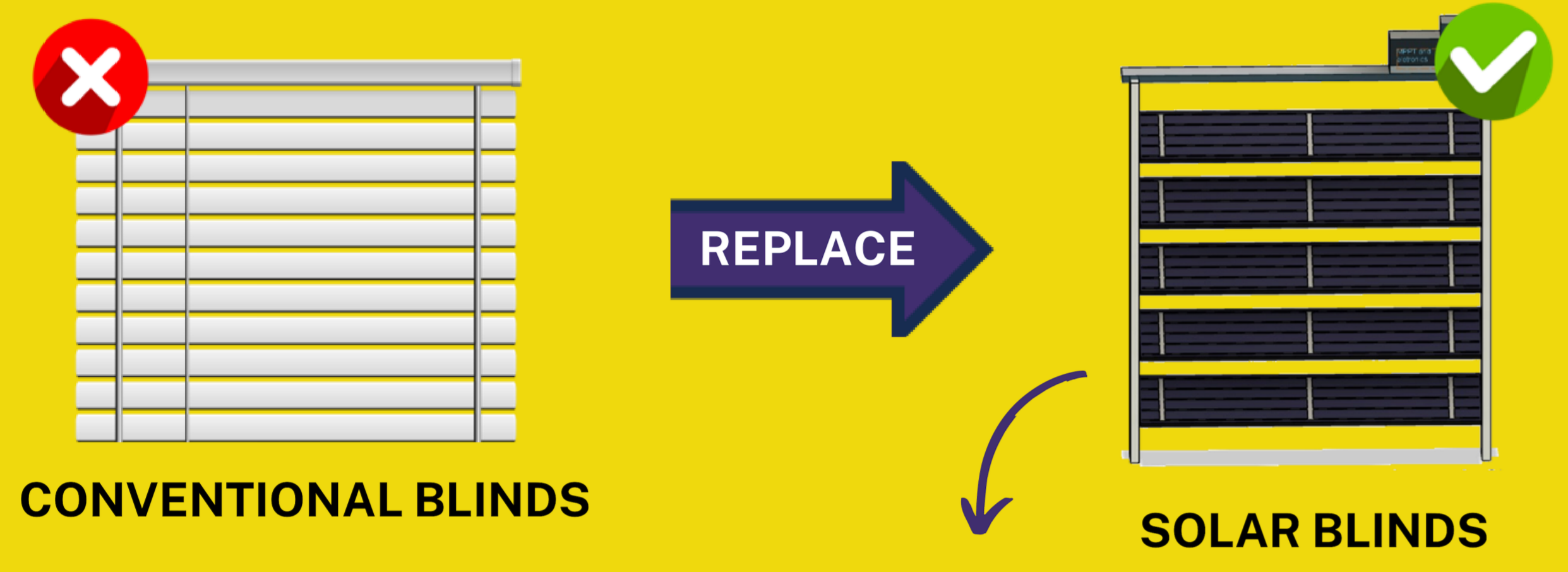


BENEFICIARIES

Buildings **without** accessible roofs or with limited surface area to install photovoltaic panels:

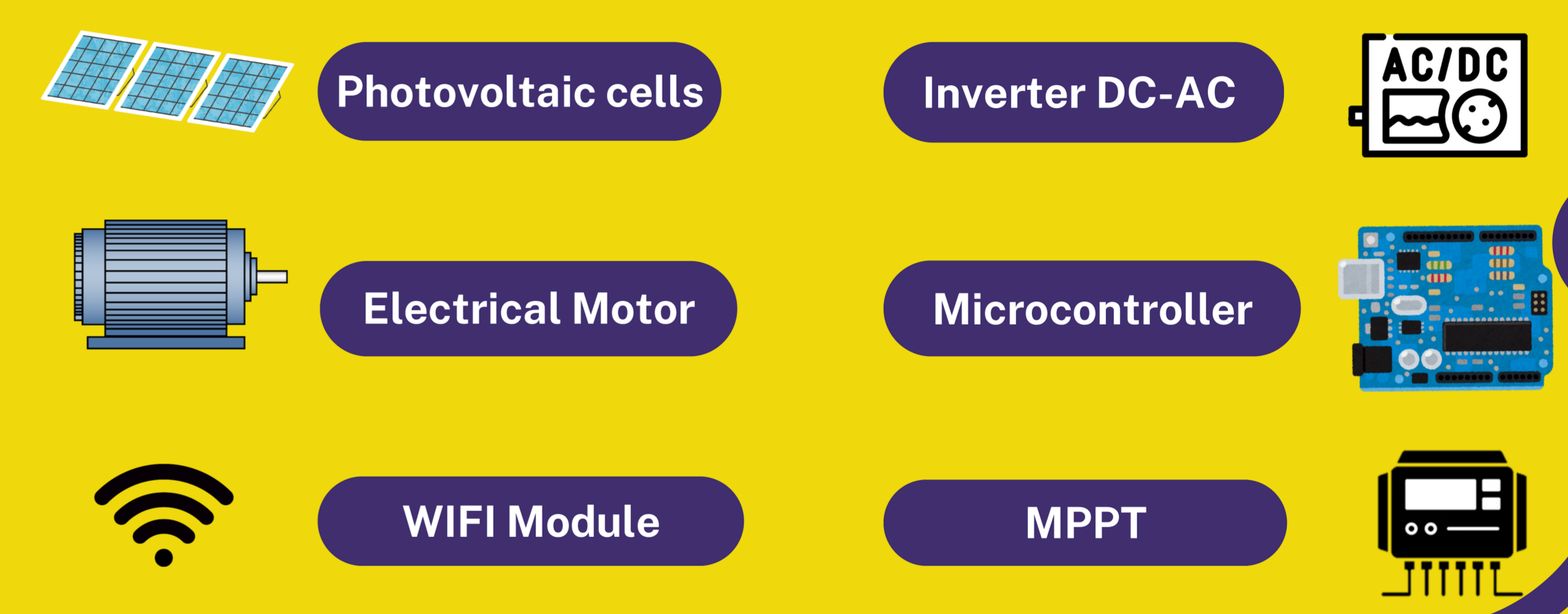


SOLUTION

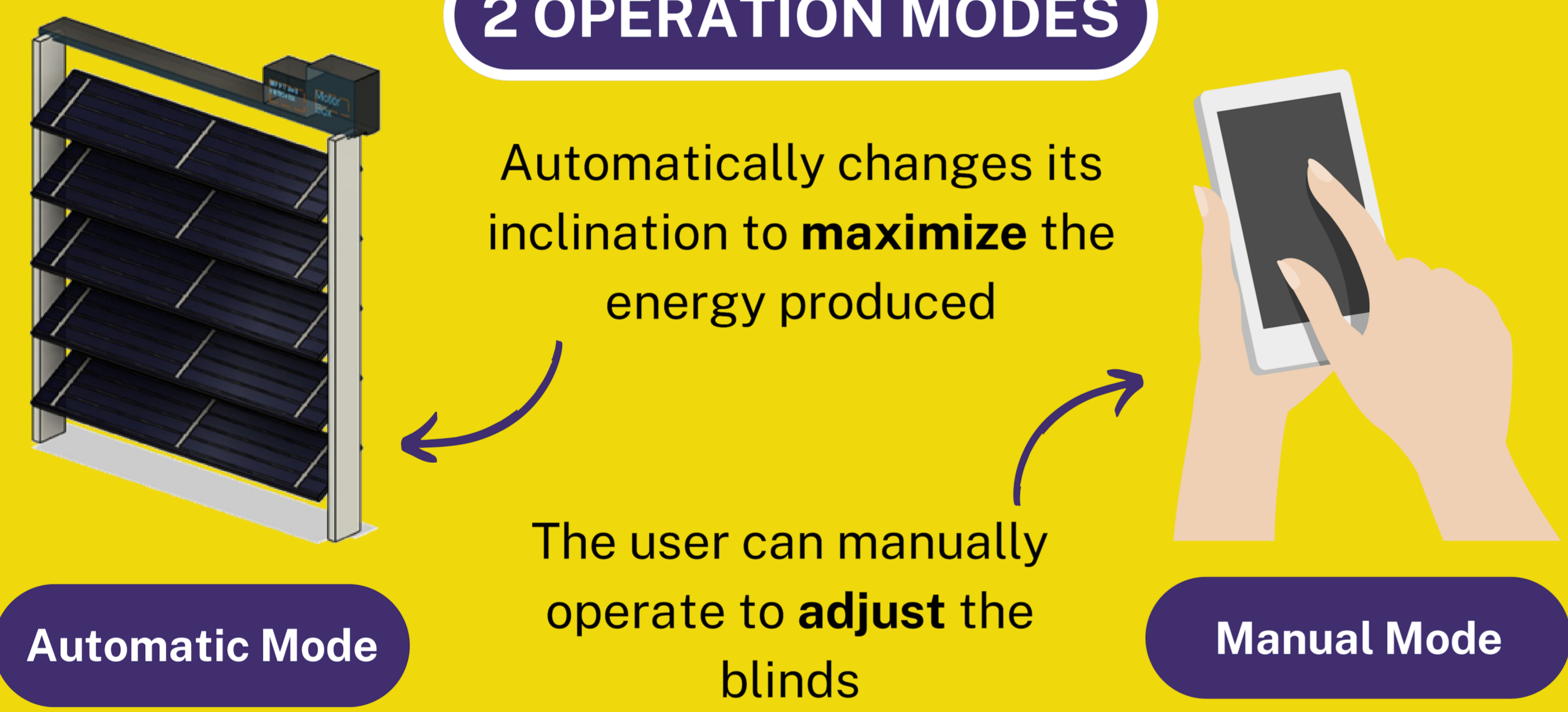


Reduction of energy usage from electrical providers through energy generated by blinds

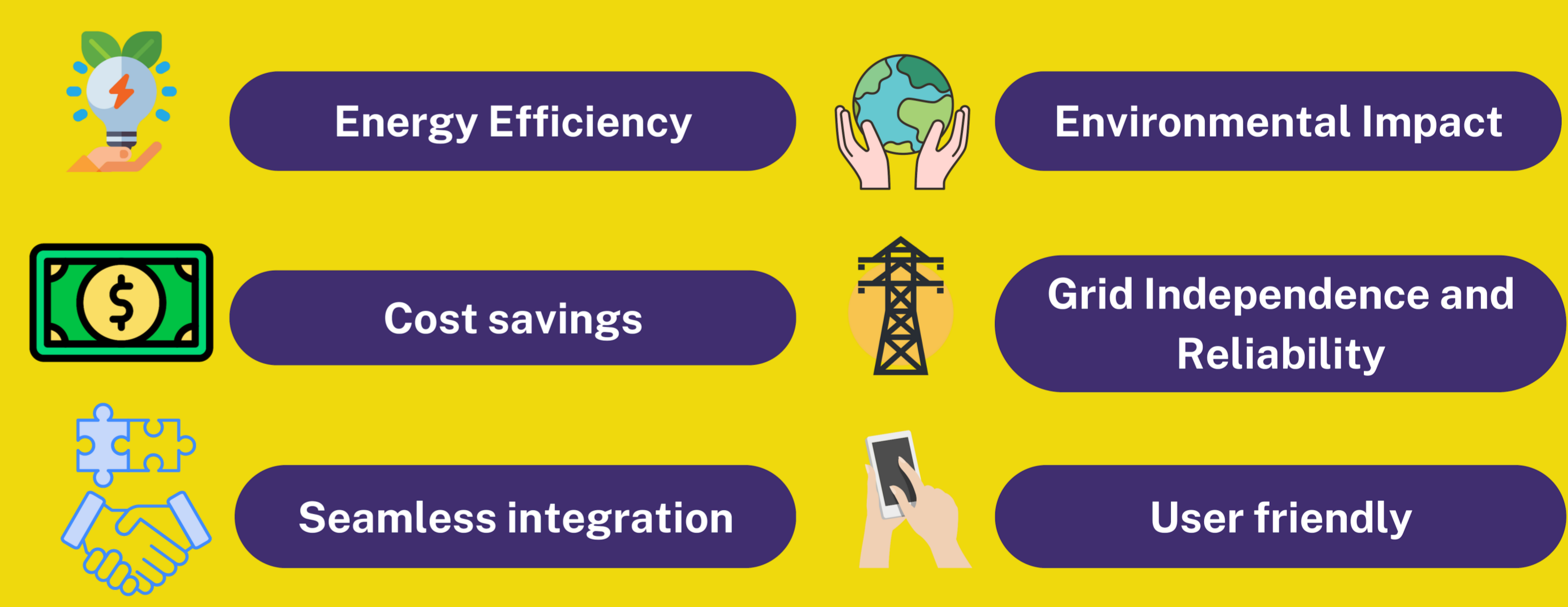
TECHNOLOGY USED



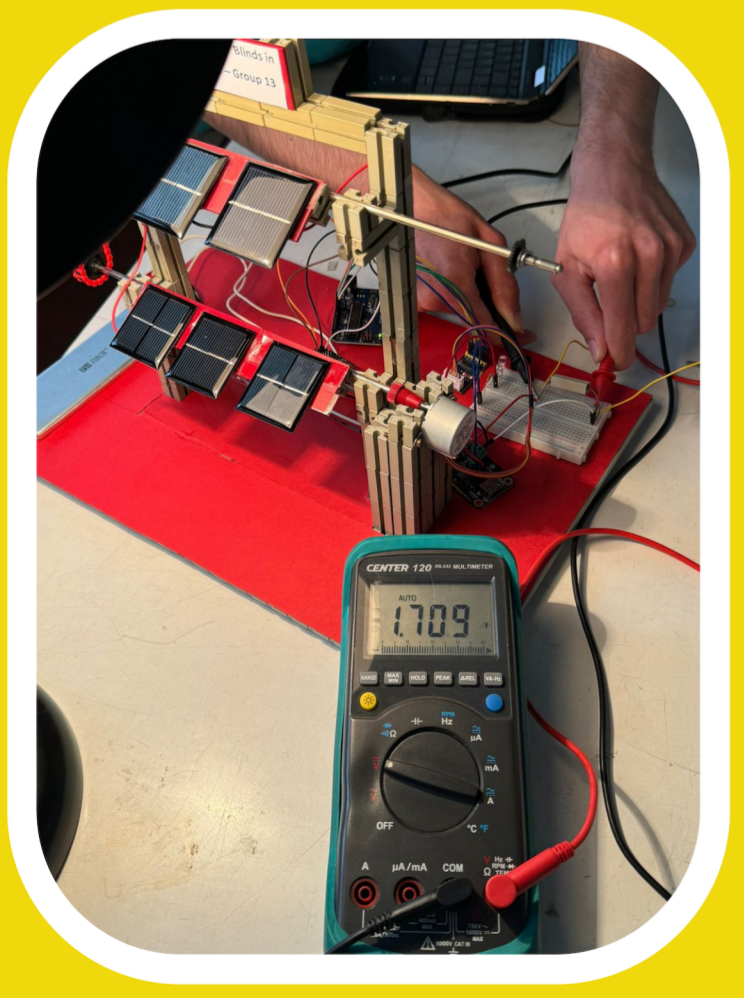
2 OPERATION MODES



BENEFITS



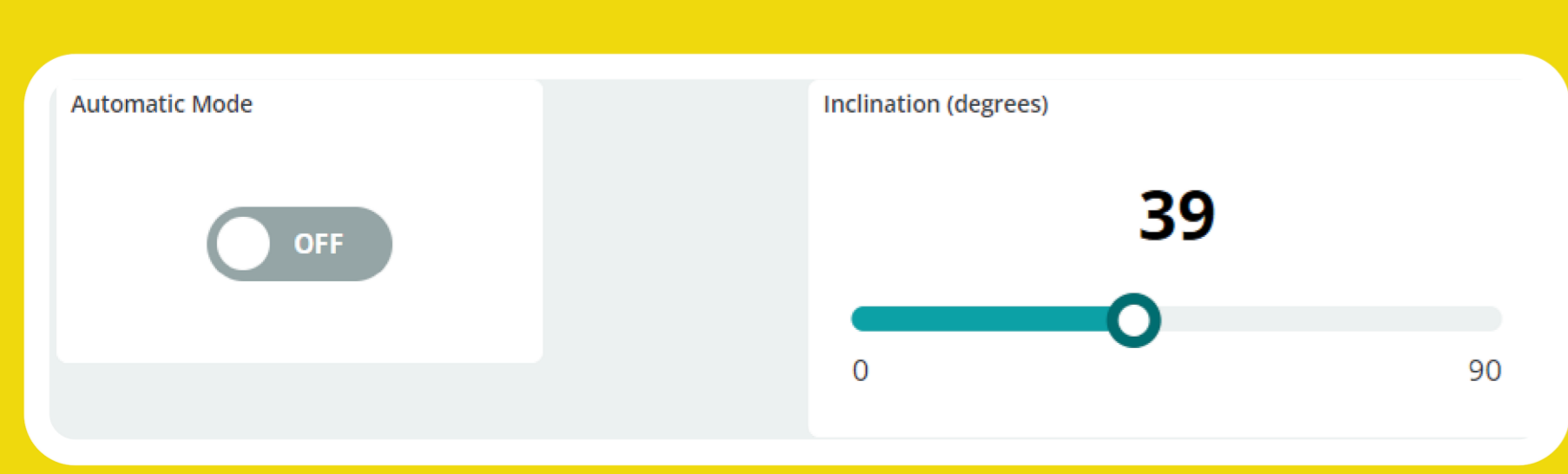
RESULTS



Prototype tested with **success**:

- Obtained the expected power;
- Functional with both modes.

Expected returns in **4-6 years!**



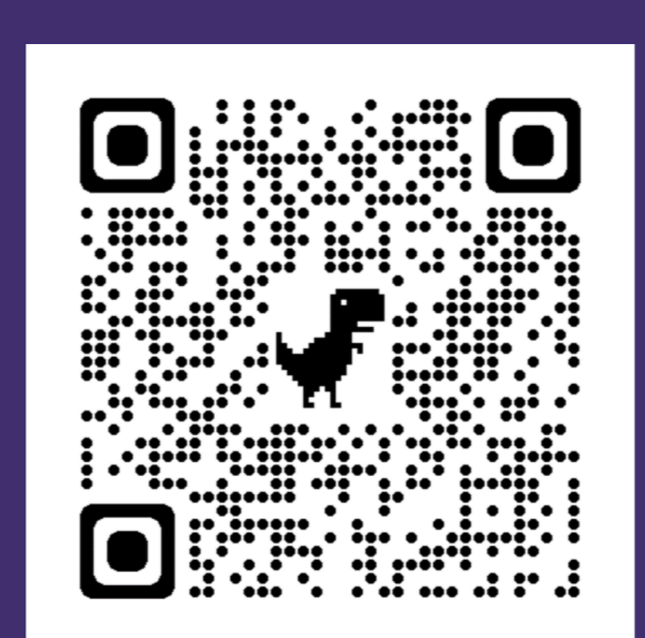
FEATURES



Partners:



FIND US!



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