PRESENTED BY GROUP 4

INDOOR HUMIDITY MONITORING SYSTEM

溫溼度監控系統

We are the Ice Builder Team!

Simen Experimental Elementary School

台南市安平區西門實驗小學

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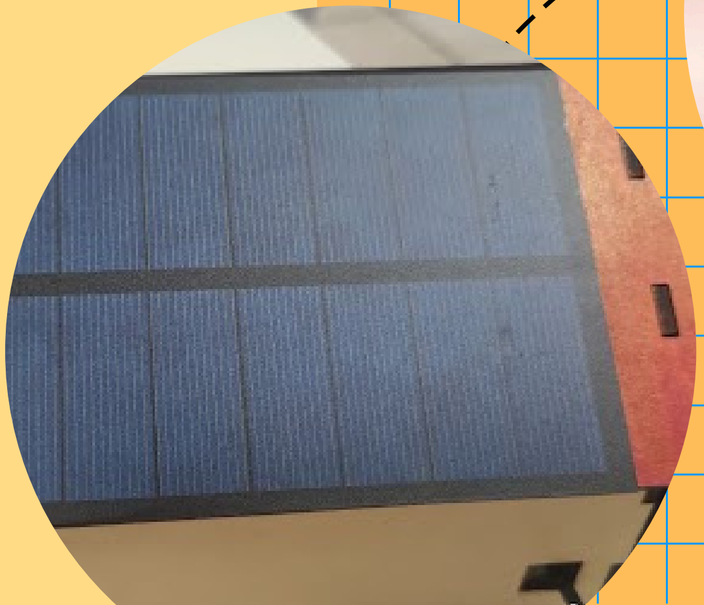
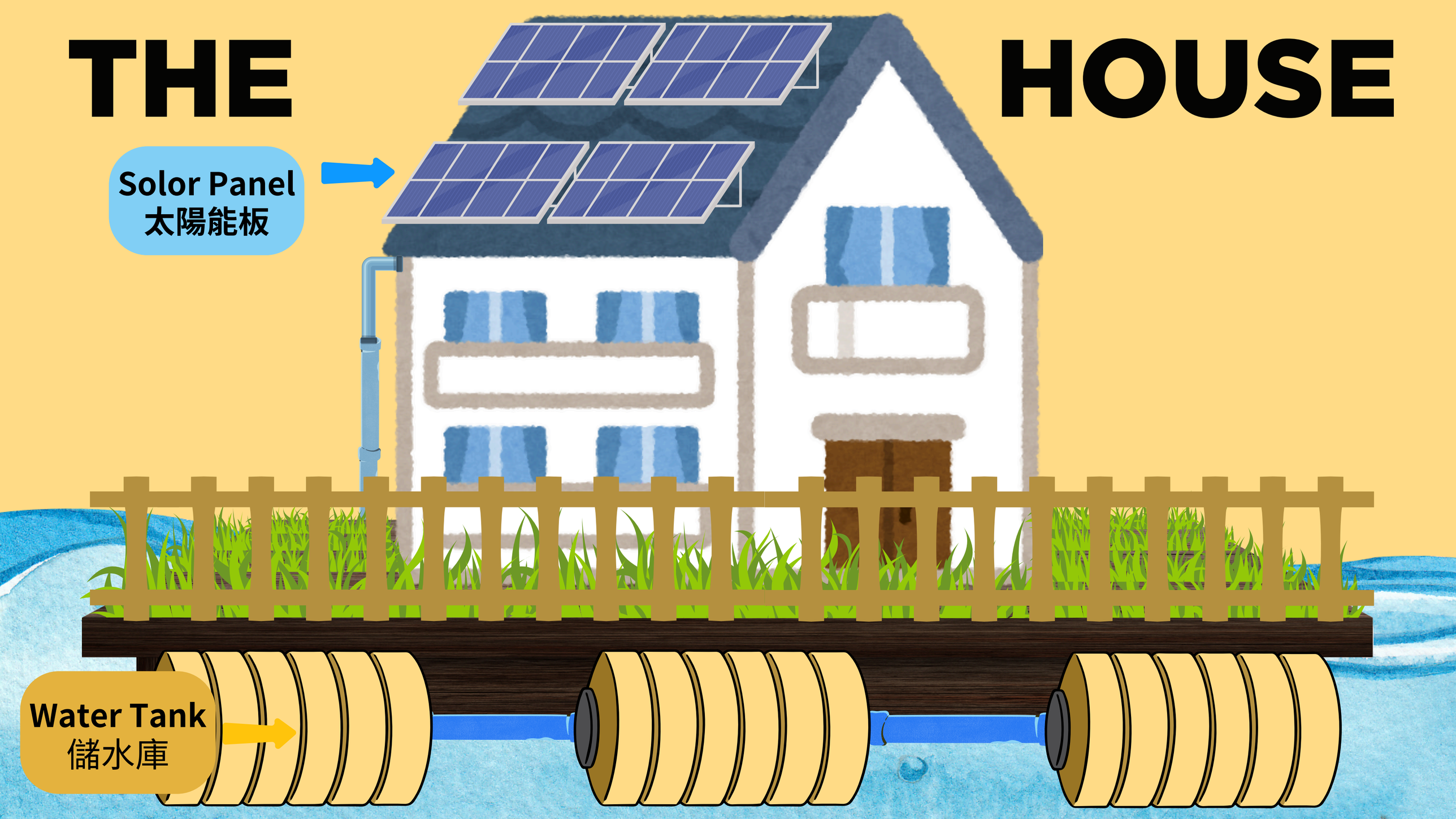
INDOOR HUMIDITY MONITORING SYSTEM

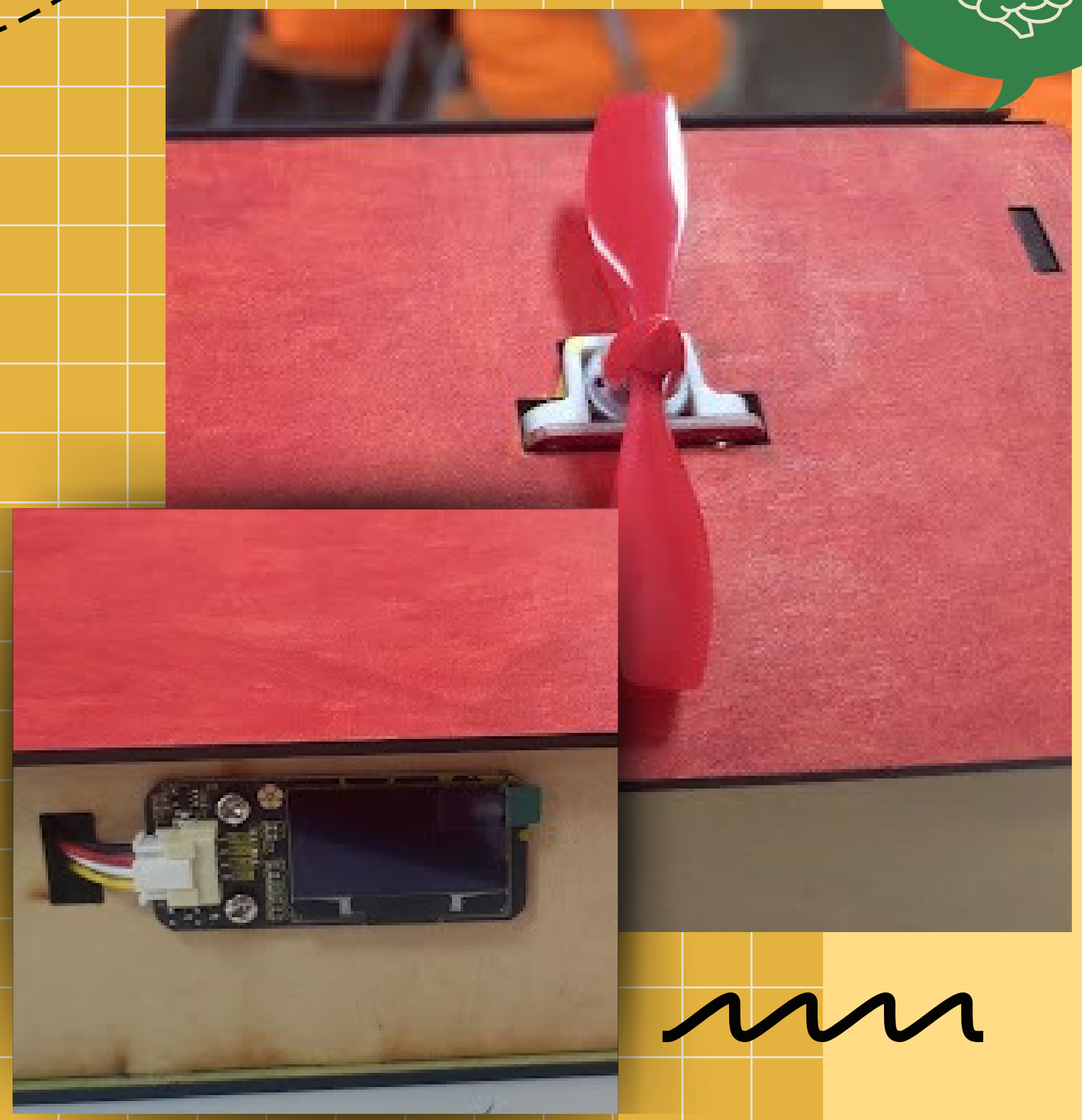
OUTLINE

- THE HOUSE
- THE AI DEHUMIDIFYING SYSTEM
- HUMIDITY SENSOR
- HUMIDITY DETECTOR
- DEHUMIDIFIER
- ENERGY OF THE HOUSE
- SOLAR PANEL
- BATTERY



THE HOUSE





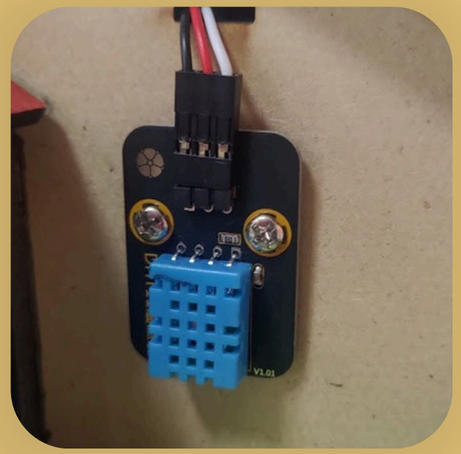
THE AI DEHUMIDIFYING SYSTEM

- Humidity Sensor
- Humidity Detector
- Dehumidifier

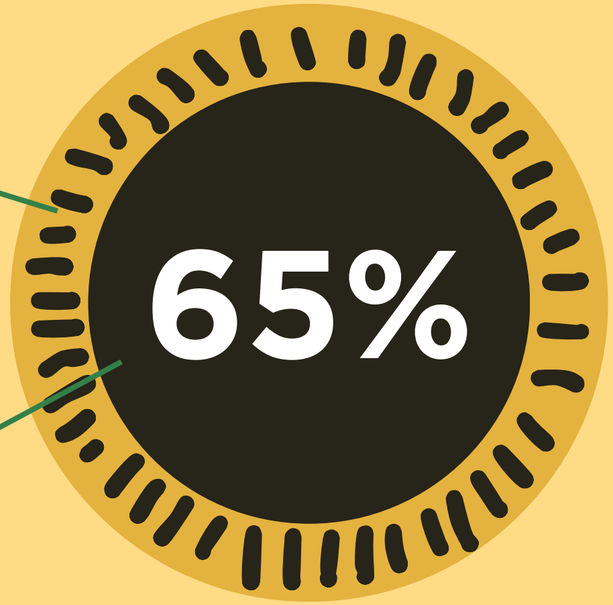
HUMIDITY SENSOR

濕度偵測器

Ditects the humidity
偵測濕度的地方



Shows the humidity
顯示濕度的地方



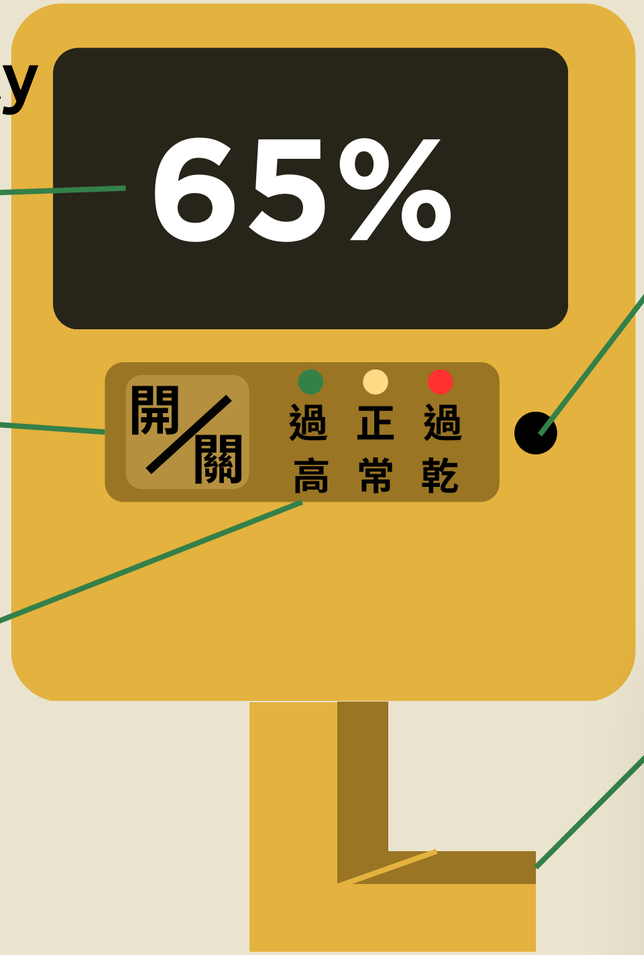
HUMIDITY DETECTOR

濕度監控

Display the number of humidity
顯示溫度

Automatically and manually operated
可以自動開啟也可以手動開關

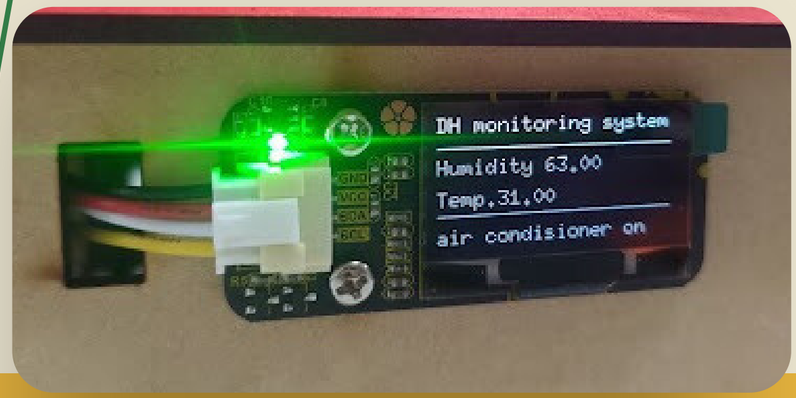
Detect the level of humidity
檢測是否溫度過高



Detects the energy is sufficiency, and shuts down when energy is insufficient

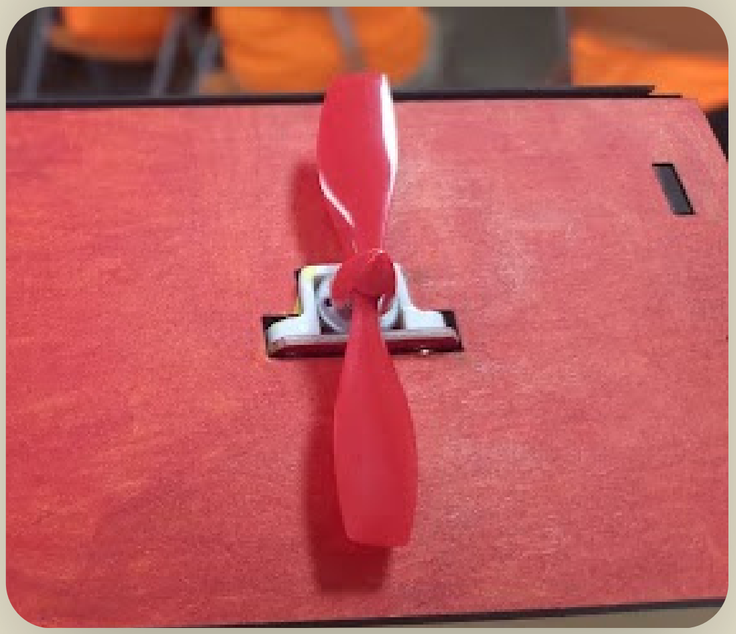
檢測能源，當能源不足時會自動停止

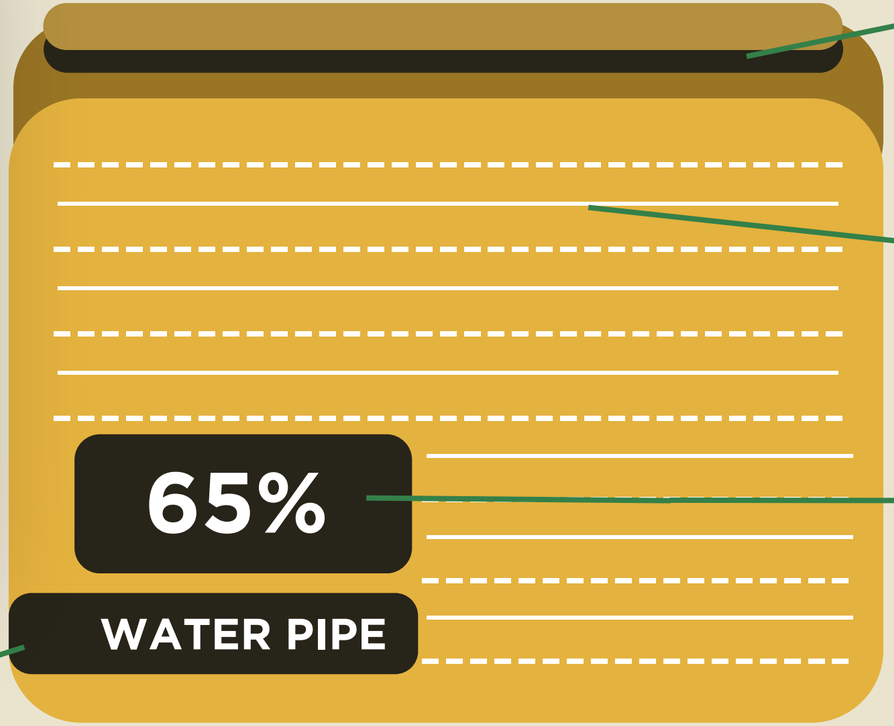
Transmit energy by using power
使用太陽能輸送能源



DEHUMIDIFIER

除濕機





Air Inlet
進風口

Air Outlet
出風口

Current Humidity
現在的濕度

The pipeline that carrys water to water tank.

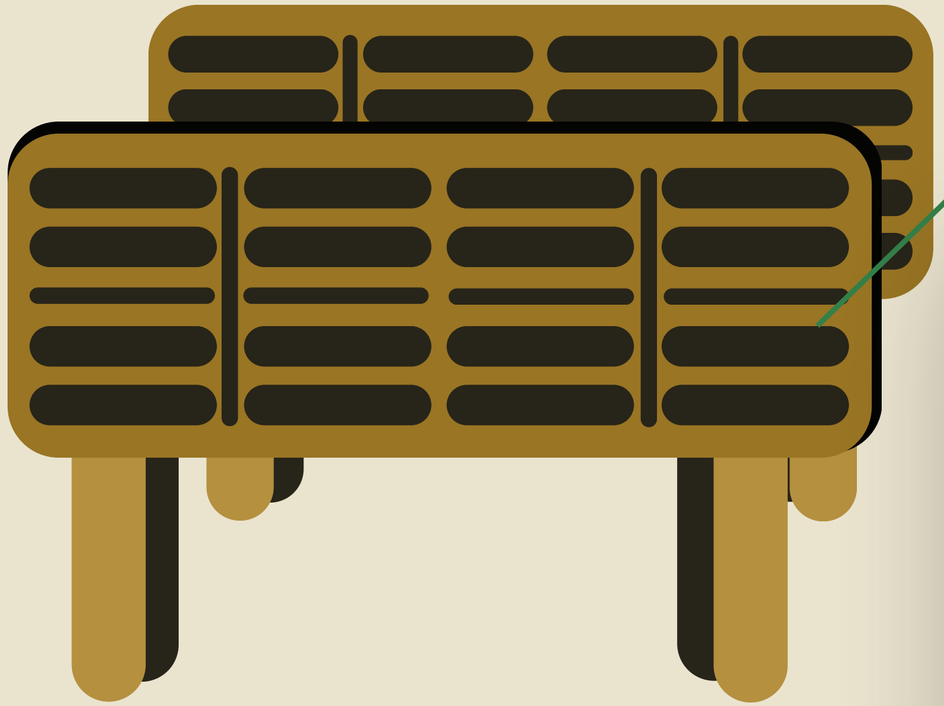
將水儲存到儲水庫的管道

ENERGY
能源

How we can get
CLEAN energy.

SOLAR PANEL

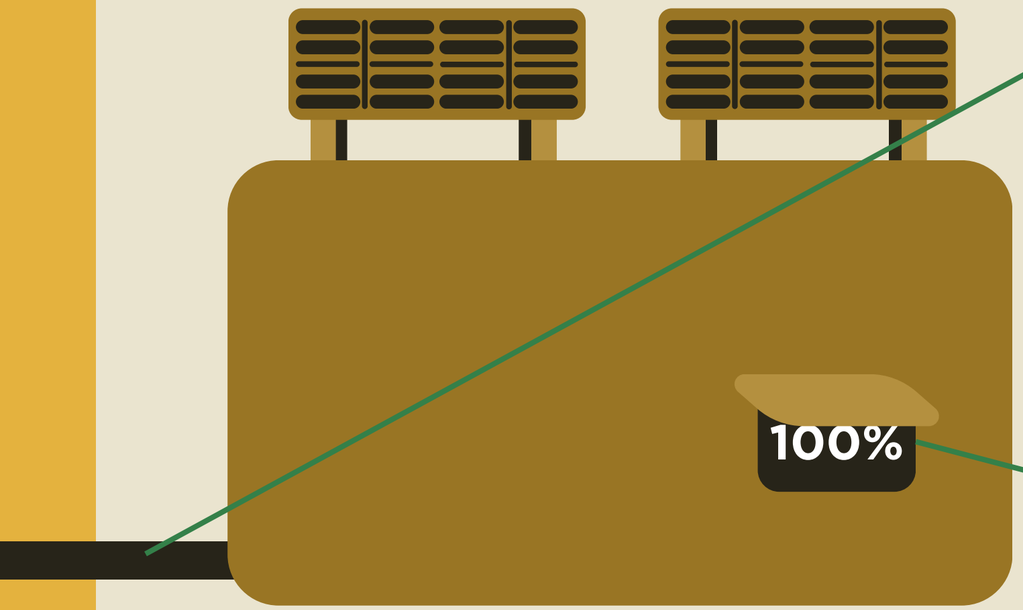
太陽能板



The solar panels are on the roof

太陽能板放在屋頂上

BATTERY
除電箱



Connects to the solar panels

連接到太陽能板

Shows the battery percentage

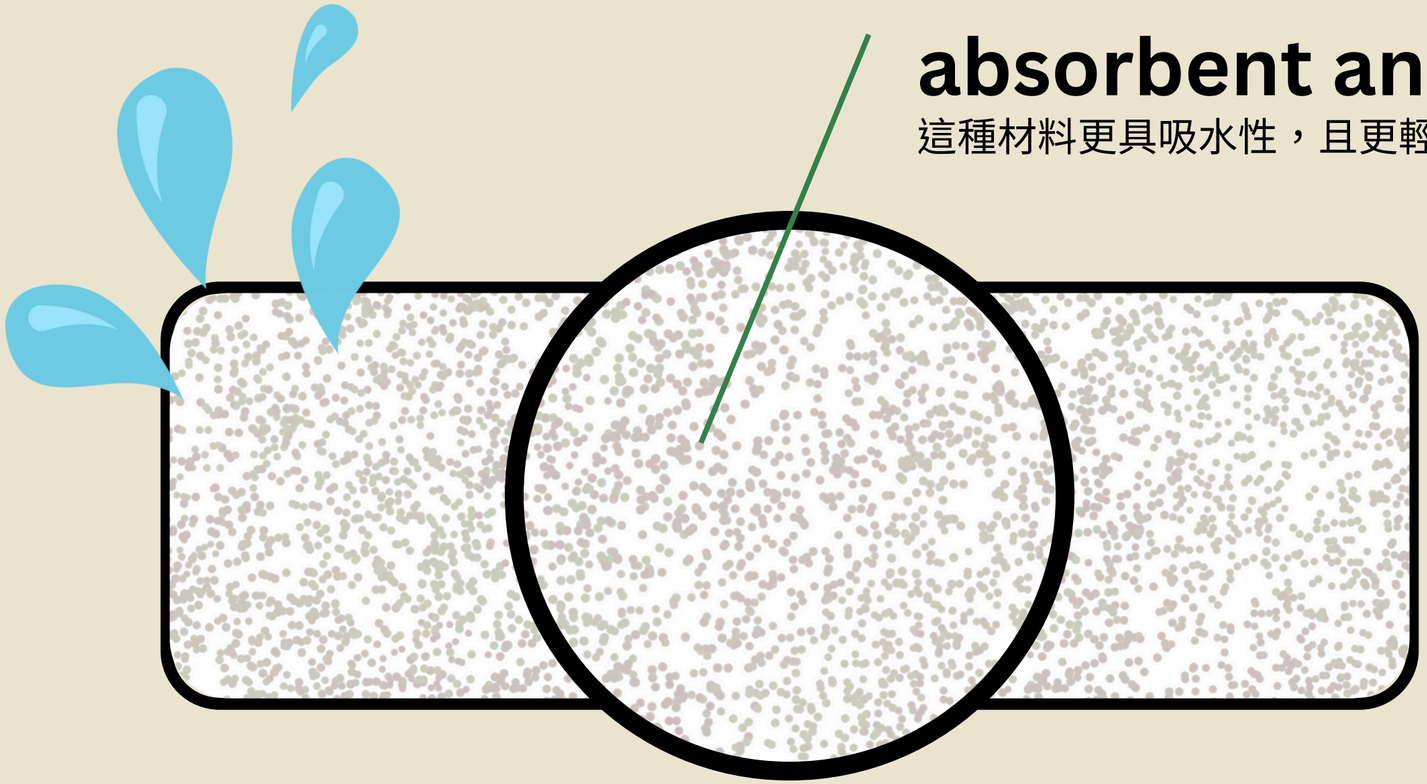
顯示電池有多少電

DIATOMACEOUS EARTH

珪藻土

This material is more water-absorbent and also lighten.

這種材料更具吸水性，且更輕。



IT’S TIME FOR...

Q & A

ANY QUESTIONS OR FEEDBACK?

THANK YOU

FOR YOUR ATTENTION

GROUP 4