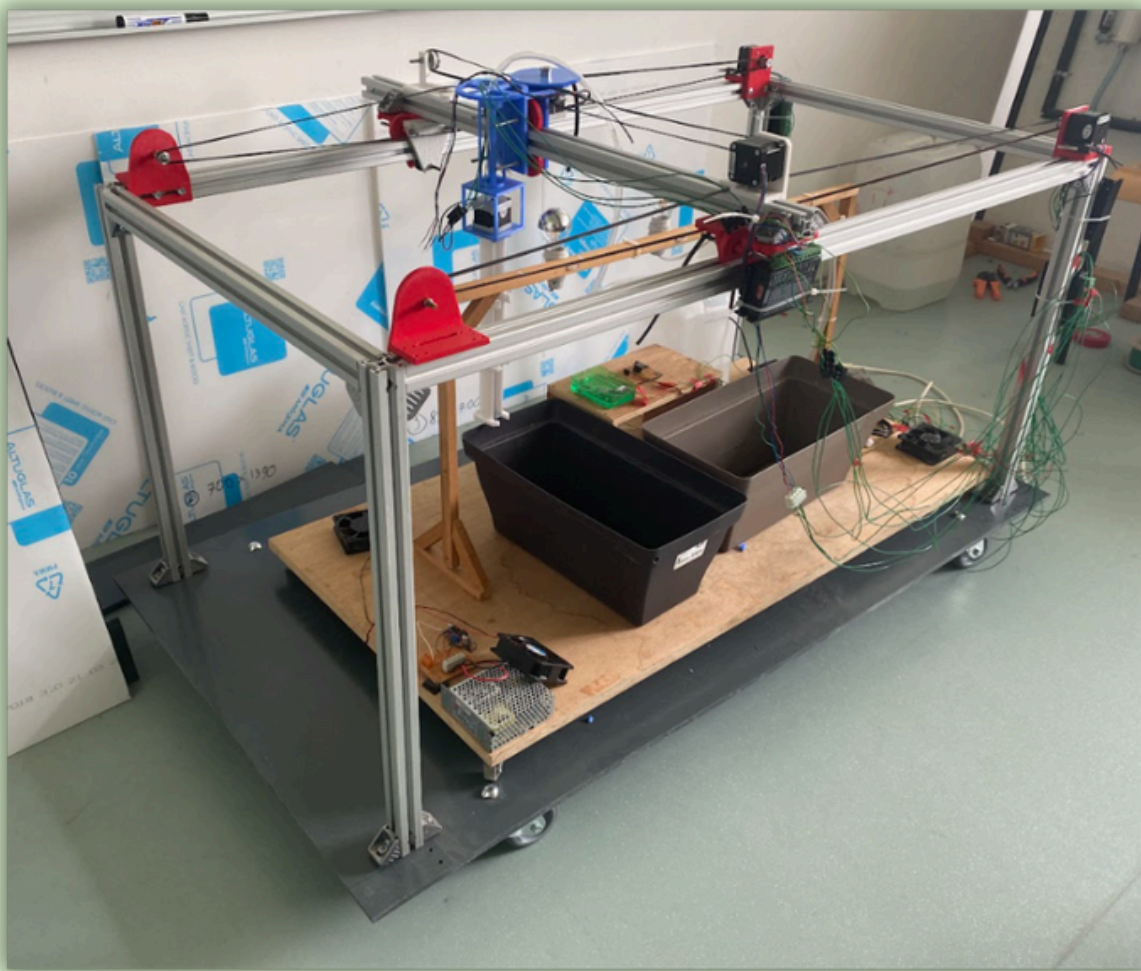


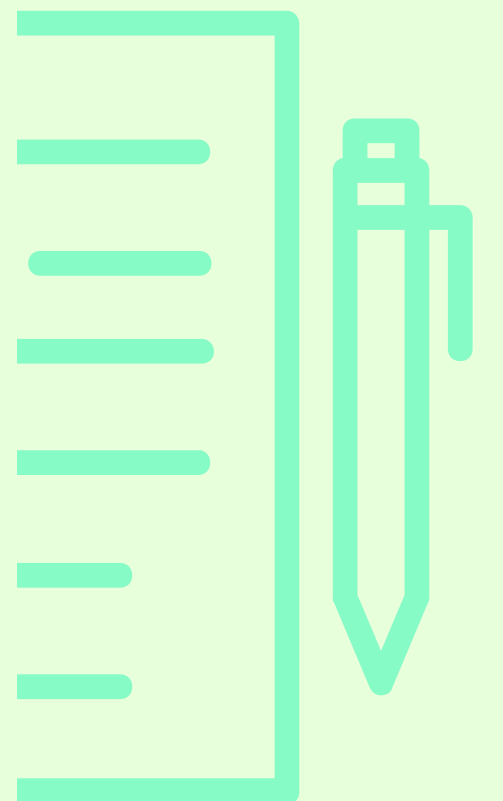
CONNECTED

GREENHOUSE



FEATURES :

- Significant autonomy :
humidity, temperature, luminosity and watering
- Control by distance and in place
- Ability to see plants
- Can be used in research to study plant growth



TECHNICAL SOLUTIONS :

- Microcontroller : ESP32
- Camera : ESP-CAM
- Embedded computer : Raspberry Pi4
- Power supply : MEAN WELL RS-100-24
- Stepper-motors, belt and pulley transmission



SOCIAL AND ENVIRONMENTAL RESPONSIBILITIES :

- Reduce electricity consumption in standby state
- Use best materials for the plates to close the greenhouse
- Thermally insulate the internal environment to vary the
internal temperature easier

