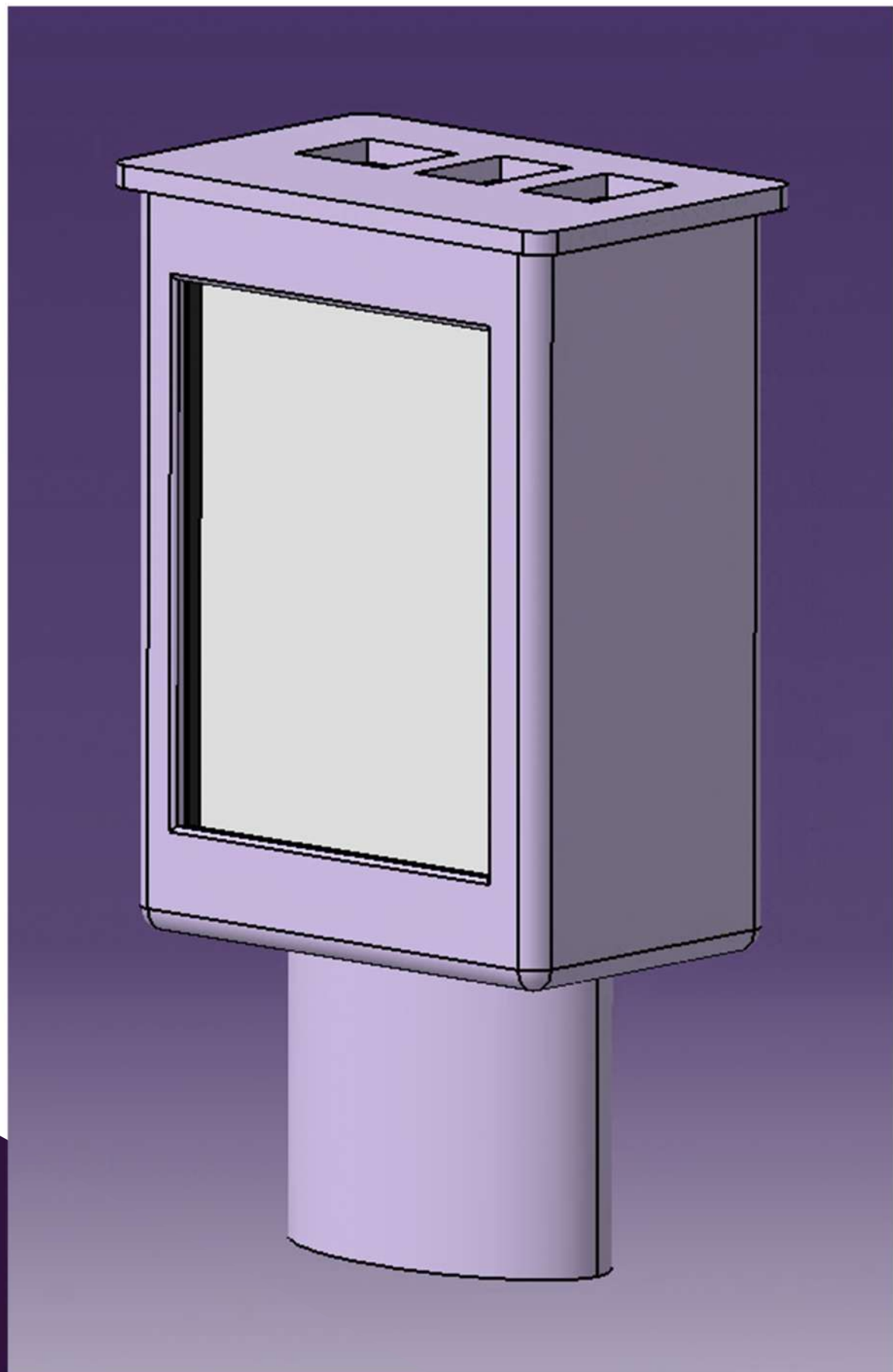


Soil Health Monitor

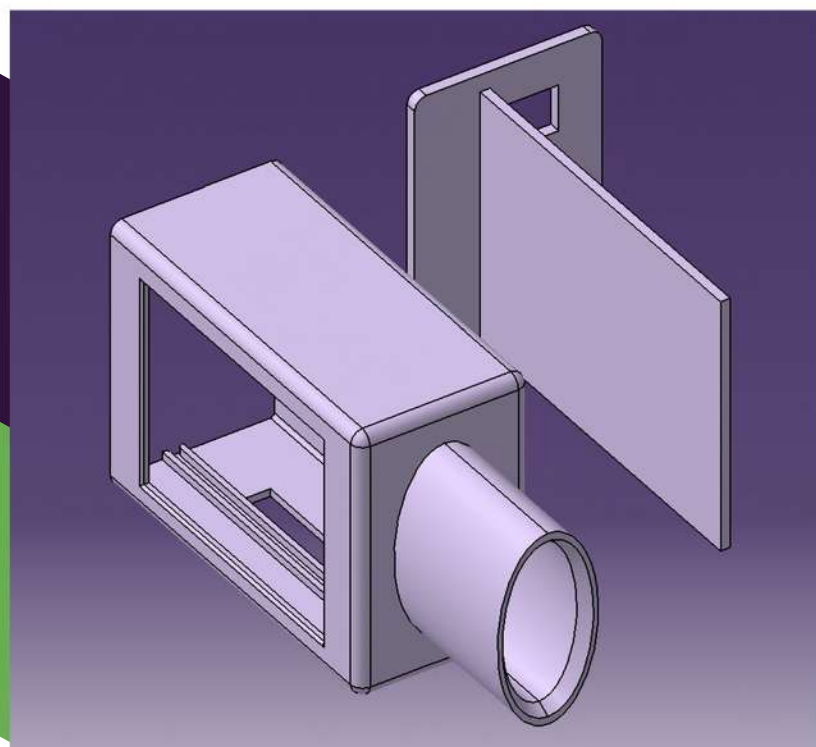
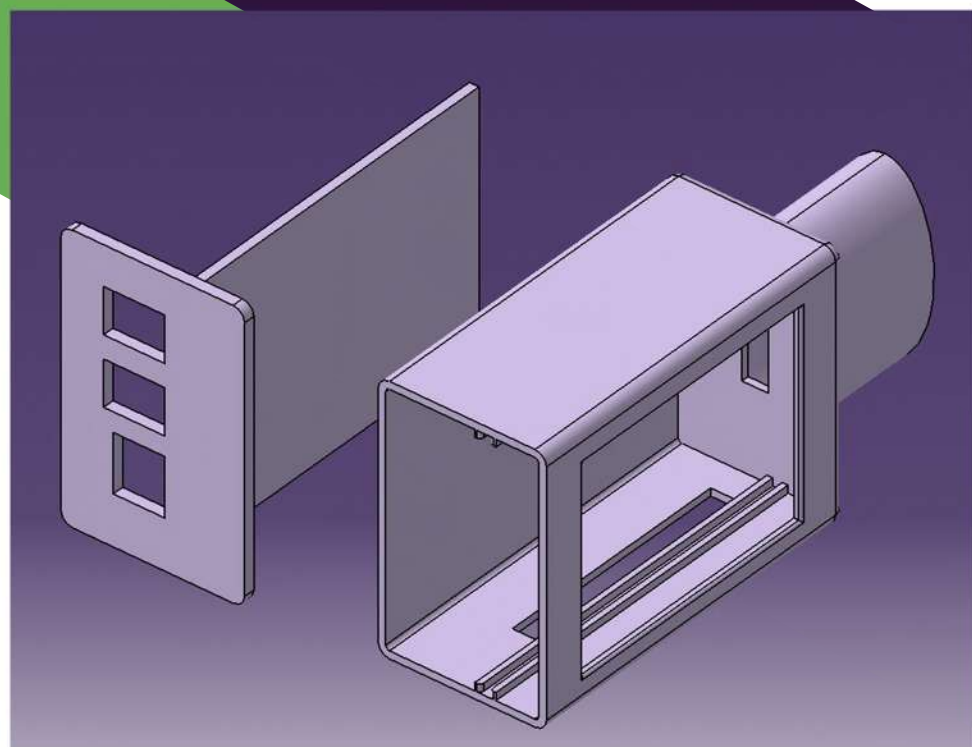
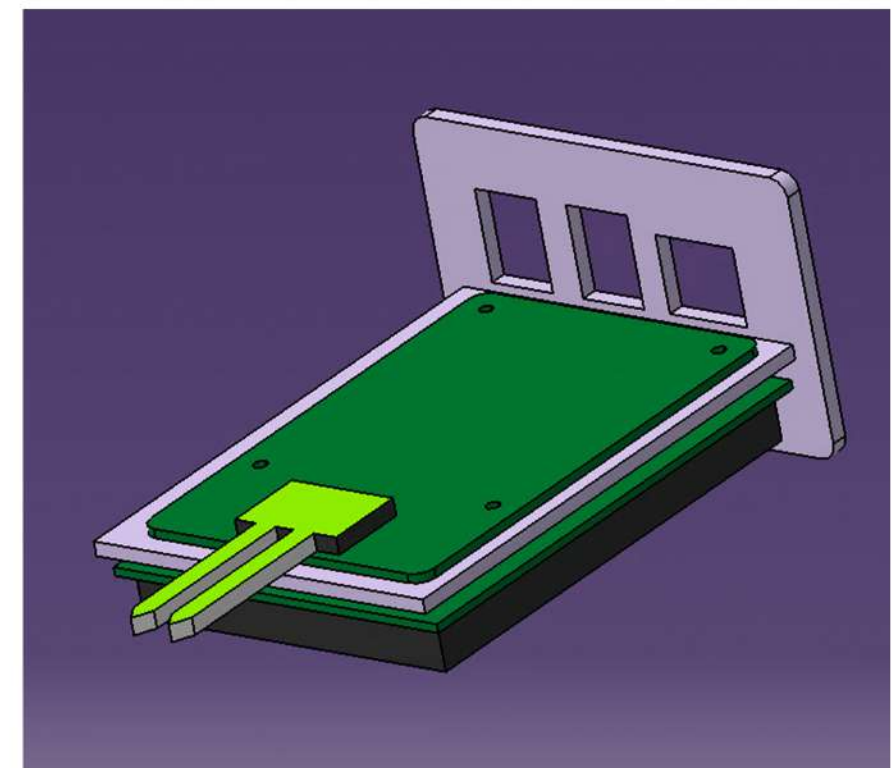
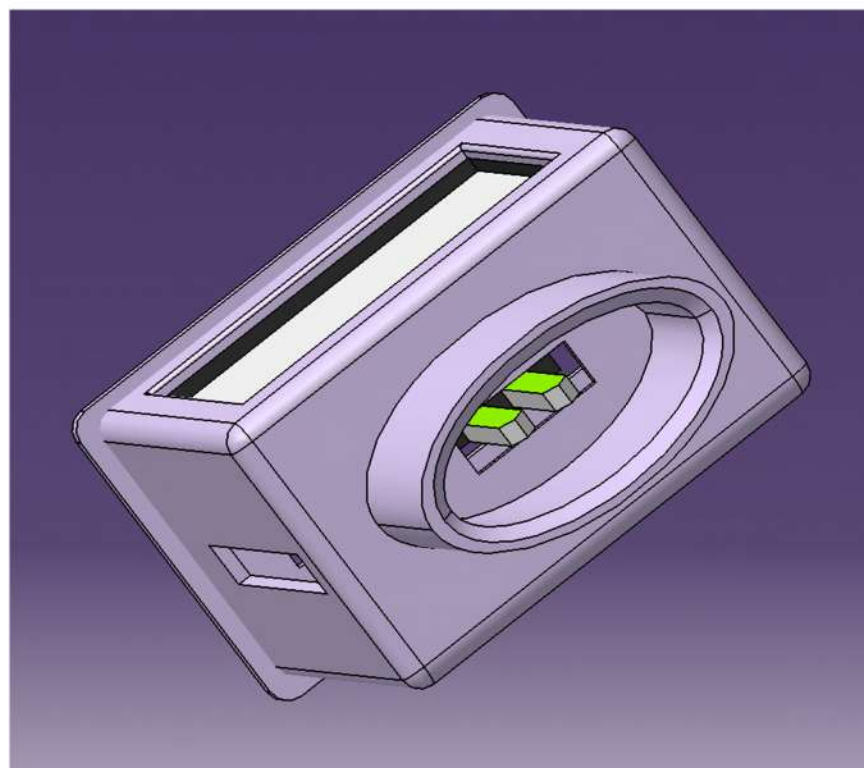


We introduce to you the Soilology Soil Health Monitor.

The topic of soil may be uninteresting at first thought, but it is a crucial foundation for life, security and environmental health. Reducing its declining condition is paramount, and the Soilology monitor is a great step forward in helping with this cause.

Our monitor is a 3-in-1 package, coming with sensors that determine a soil samples' moisture, temperature and humidity levels to help ensure it is prime for crop/plant growth or determine its condition for research.

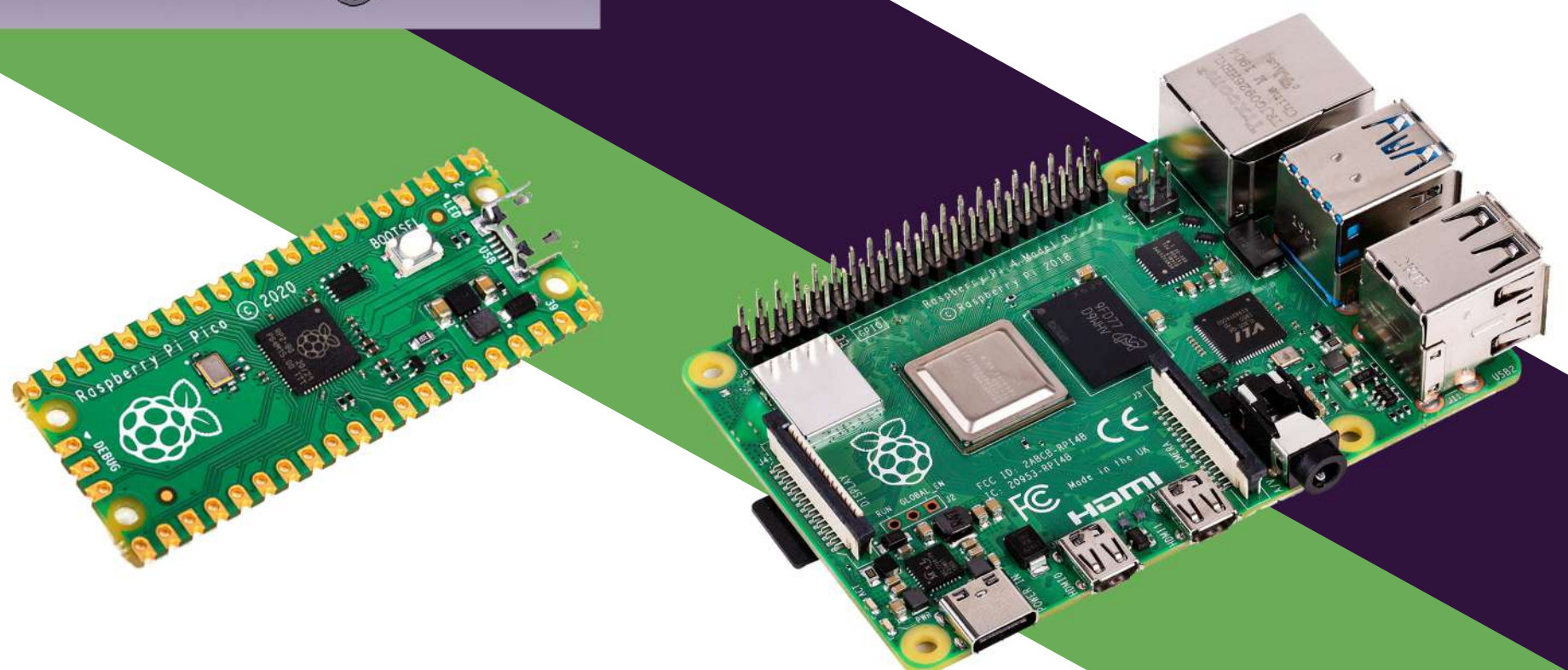
All parameters are controlled by a Raspberry Pi 4 chip which collects and processes data from the sensors, and clearly displays the results in-app or in real time on the 3.5 inch touchscreen.



The assembly comes with a sliding drawer where the Raspberry pi and sensors will be mounted.

This allows for quick removal and installation of internals from the shell - in one push or pull. Beneficial for swift data retrieval on/from the field.

Data-retrieving sensors are connected to two Raspberry pi mini computers, 4 and Pico.



Vital for climate regulation, food security, natural water filtration, ecosystem biodiversity!