

# Simon Kerstan (simon001) - Public Page

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## Main devices used

- Arduino MKR Wifi 1010



- Arduino MKR ENV Shield



- Capacitive Soil Moisture Sensor



- OLED Display 1,3 Zoll



- LiPo Akku Lithium-Ion Polymer Batterie



Devices used	Function
<b>Arduino MKR Wifi 1010</b>	module which is used for exporting and controlling all the gathered information
<b>Arduino MKR ENV Shield</b>	able to plot several environmental entities
<b>Capacitive Soil Moisture Sensor</b>	sensor monitoring the water content in the soil and provides this information to the ...
<b>OLED Display 1,3 Zoll</b>	displays the ... gained by the measurement devices
<b>LiPo Akku Lithium-Ion Polymer Batterie</b>	provides energy for the controller as well as the sensors



**Figure 3** Schematic of the connections between ESP32 and the modules and parts.

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