**Input**

* Combine multiple (.csv) files: start-end times + plot numbers + chamber heights (handmade file), machine data (multiple gasses logged every second), data from loggers, e.g. average temperature and light (logged every 30s)
* Sync times from different loggers to real time (machine times may differ) and to the same format
* Add a module to calculate chamber volume by area, height, length of tubes and extra safety chamber

**Processing**

* Calculate the slope of the concentration during the appropriate time frame
* Use temperature, volume and area to calculate fluxes in mg m-2 d-1 for the different gases
* Filter out sudden peaks in concentrations resulting from ebullition (add an option to include or exclude ebullitive flux)
* Leave space to adapt time frames if flux calculation goes wrong (see visual output below)

**Output**

* Flux per time frame + all information: plot, times used, avg. temperature and light etc. 🡪 these data can be added to the handmade file (see input)
* A value for fit (R2?)
* Visual output: graphs of the measured fluxes including an indication of the time window that is taken for the calculation of the flux