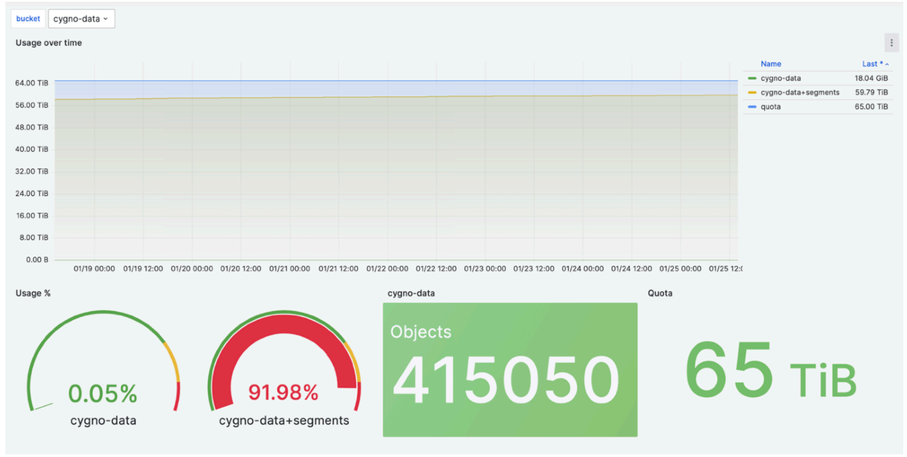
meeting update

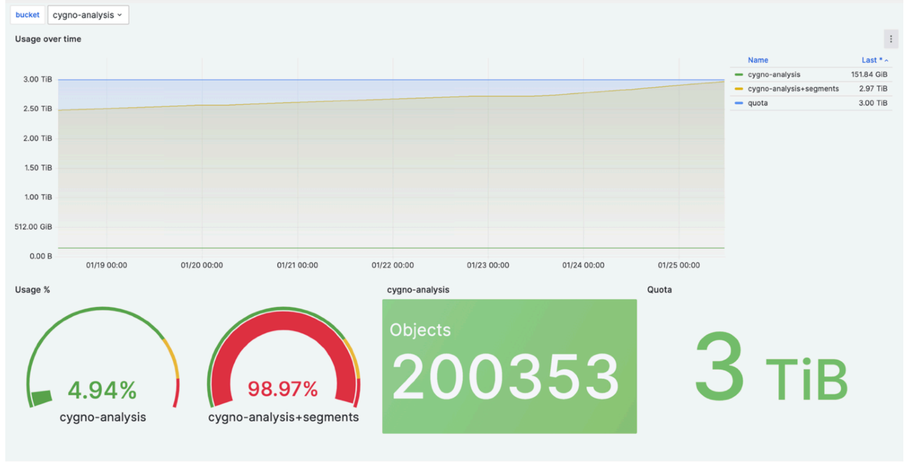
status

- LNGS:
  - sensor and gas system filter updated
  - survey camera in the Control Room
  - gas recovery bottles ready for the third replacement
  - issue related to the disk space is still present

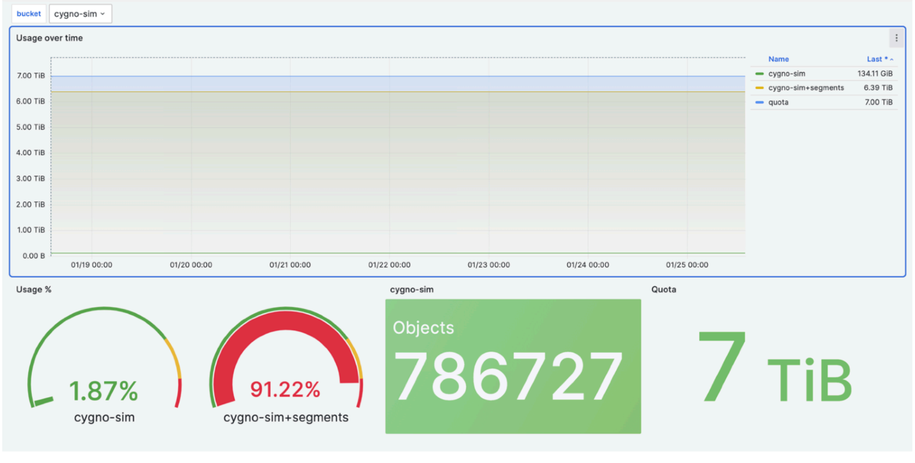
stops daq replica



stops reco



stops Flaminia and Athul thesis



status

- GIN:
  - test with DRIFT like FC and lomb cathode ongoing
- MANGO:
  - camera support design on going, data taking ongoing
- CYGNO04:
  - Mon 15th CYGNO04 design meeting (from now on be-weekly meeting dedicated to design of CYGNO04)
  - …

status

- **funds** on INITIUM available at the end of January. delay related to GSSI/LNGS agreement
- remove mechanical **camera supports**. Mechanical camera movement for utility/costs.
- **source**. The source appears to be working fine. System to be redone. Positioning, how many and where. Probably **2 sources (??)** centred horizontally on the cameras. A study and a decision is needed quickly. Also think about purchasing a gas chromatograph which would solve some of the problems we want to monitor with the source.
- **shielding** of H2O it seems that the solution for CYGNO 04 is viable, but the project is not negligible. **Cost 130ke** (twice the estimate), a more economical, modular solution must be studied. Costs/safeties. Remember that these orders are above 40k so a serious preliminary market investigation must be carried out.
- is the construction of the **water leakage vessel**, steel, sheet added—> evaluation is still needed
- **Cu screen, 300ke** (1.5 budget). Evaluate carefully the use of Cu that we need, evaluate carefully the use of the Cu of LIME + the one still available.
- **Cu/PMMA vess**el. There is discussion about the best solution. It is decided to better evaluate the mechanics and costs of the 2 solutions.
- **cleaning of the Cu**. Simulation is necessary.
- frame, tests ok, under construction a second frame and rods in **nylon6, screw: M2.5 Cu or Titanium**. Optical fibres and evaluate joints instead of screws.
- **FC, resistors, cathode, etc. Lomba cathode**