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# Ideas to restart

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# Intro

1. Network off due to Covid
2. Check of the network global situation started
3. We can take advantage to start (or restart) a check up of the telescopes
3. Check of the R&D programs (Eco gas, HV solutions)
4. Final remarks

## Possible tasks to restart the EEE Telescopes (1)

- carry out the sealing tests of the chambers (silicone), and repeat the tests to be sure that the leaks are less than  $0.1 \text{ l / h}$ ;
- check how much gas there is in each location of the telescopes, and send new gas cylinders where they are missing
- run the chambers for a week with the gas flow at about  $1 \text{ l / h}$ ;
- turn on the chambers and keep them running for two or three days and check the stability of the telescopes

## Tasks (2)

- Measure the current trend, single counts, efficiency, in order to determine the working point uniquely.
- Fix any problems encountered (noisy or inefficient chambers, etc.) and, at the end of the repairs, carry out these last measurements again, until the parameters of efficiency, noise, etc. are within the limits that we establish.
- Measure the orientation of the chambers with respect to the North...

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## Tasks (3)

**After all these checks,  
a telescope can be  
considered “certified”  
and enter the run.**

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Database with  
the status of  
each telescope

- **create a database  
where to store all the  
relevant data and the  
status of the telescopes**

## Final Remarks

- At the moment we can't identify a date of restart of the activities
- We can try to be ready filling the tables [https://docs.google.com/spreadsheets/1D0L751thRaeETGu8Ymjc-bCar\\_LF1jszpJfcaVJ4vio/edit#usp=sharing](https://docs.google.com/spreadsheets/1D0L751thRaeETGu8Ymjc-bCar_LF1jszpJfcaVJ4vio/edit#usp=sharing) (I'm going to contact the responsables directly to fill them)
- Manpower: the previous slides reports activities that require a lot of manpower; the schedule is not easy to do without knowing this
- “Convenzioni” with schools are under approval these days
- We are starting a procedure to order SF<sub>6</sub>