



# ACTRIS

## CiGas

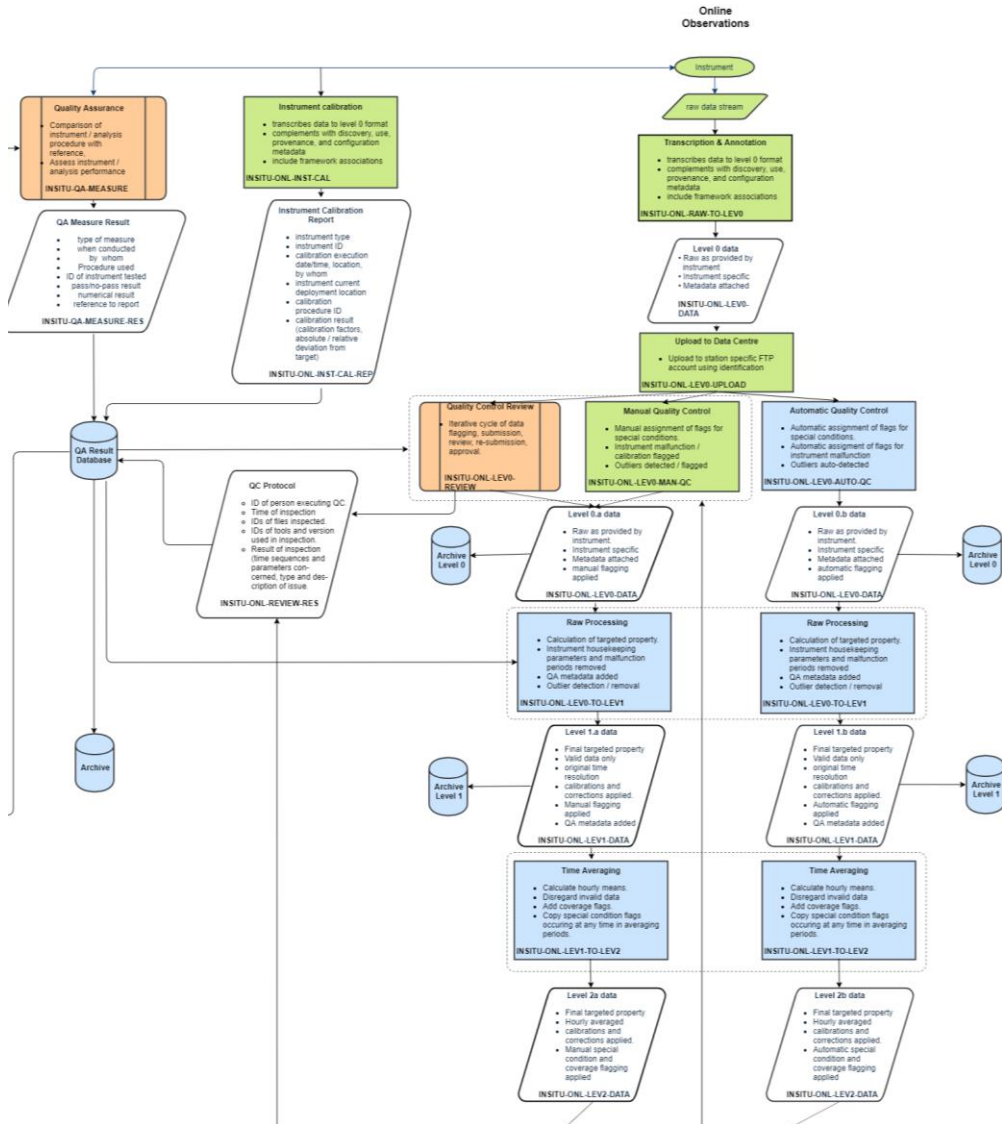


*NOx Data Submission Meeting 2024/02/08*



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# Background



- In addition to the regular data submission, Data should also be made available in real-time.
- The software will be developed in the TC and will convert and transfer the data without manual inspection
- The challenge: Combine different datasets (Nox, Ozone, Met.) from different instruments

# CAMS2\_2a WP3

## Deliverables:

- (CiGas and NILU): report comparing the data processing schemes of EMEP, ACTRIS and EEA data with existing datasets.
- (CiGas): report which demonstrates the extra value of the ACTRIS data processing scheme for NO<sub>x</sub> using NO<sub>x</sub> and NO<sub>y</sub> datasets measured at the background site station of Hohenpeissenberg.
- (NILU): Demonstrate the capability of providing EMEP NO<sub>2</sub> and ozone data quality assured using statistical tests on a RRT schedule by selecting 1-2 stations with instrumentation, and assess the improvements as compared to data with less stringent quality assurance.

## Milestones:

- M11: (CiGas and NILU): Description of NO<sub>y</sub> and NO<sub>x</sub> measurements at Hohenpeissenberg
- M11: Selection of **test sites** for demonstrating EMEP and ACTRIS NO<sub>x</sub> ozone RT data delivery.

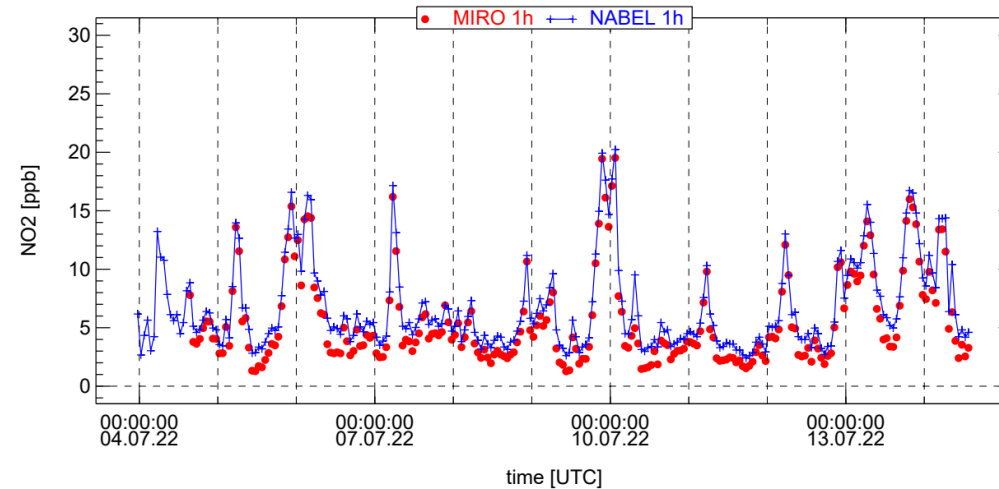


**CiGas Audit in November**  
**Inspect capacities for RRT Nox data delivery**



**Hohenpeissenberg,**  
**Monte Cimone,**  
**Košetice**

NABEL-Station Zürich-Kaserne  
Vergleich Stationsinstrumente – MIRO\_0017/Picarro\_LBDS2006



*During the 2022 Campaign, the NABEL NO<sub>2</sub> data with Mo converter exceed the CiGas MIRO NO<sub>2</sub> data, when the values are low and the relative contribution of NO<sub>y</sub> is high.*

