

Minutes		
Subject ACTRIS CiGas data QA/QC workshop – NOx part		Meeting date 09.04.2025 Meeting place Online
Author Robert Wegener/Max Gerrit Adam/Katrin Seemeyer	Date 22.04.2025	To do (by/until)
Documents Slides - https://www.actris.eu/topical-centre/cigas/announcements-resources/actris-noxvoc-ga-workshop-2025		
<p>AGENDA 9 April 2025 – NOx part</p> <ul style="list-style-type: none"> • NOx observations at different sites and visualisation of NOx data files submitted to the EBAS data archive - Robert Wegener - FZJ <ul style="list-style-type: none"> ○ General aspects, process of visualisation - Robert Wegener - FZJ ○ Auchencorth Moss <ul style="list-style-type: none"> ▪ Visualisation - Robert Wegener - FZJ ○ CMN (Monte Cimone) <ul style="list-style-type: none"> ▪ Davide Putero - CNR ▪ Visualisation - Robert Wegener - FZJ ○ Cape Verde <ul style="list-style-type: none"> ▪ Beth Nelson – Univ. of York, UK ▪ Visualisation - Robert Wegener - FZJ ○ Hohenpeißenberg <ul style="list-style-type: none"> ▪ Robert Holla - DWD ▪ Visualisation - Robert Wegener - FZJ ○ Kosetice <ul style="list-style-type: none"> ▪ Martin Beck - CHMI ▪ Visualisation - Robert Wegener - FZJ ○ COPDD (Puy de Dome) <ul style="list-style-type: none"> ▪ Aurelie Colomb - UCA ▪ Visualisation - Robert Wegener - FZJ ○ MAIDO (La Réunion) <ul style="list-style-type: none"> ▪ Aurelie Colomb - UCA ○ SIRTAA <ul style="list-style-type: none"> ▪ Nicolas Bonnaire / Valerie Gros - CNRS ▪ Visualisation - Robert Wegener - FZJ • AOB <p>In the next part some aspects from the discussions after the presentations are given.</p>		
Auchencorth Moss No person from the station attended the meeting.		
Mt. Cimone, Italy - Davide Putero <ul style="list-style-type: none"> • Different solutions for the issue with negative values were discussed. • Instrument coefficients were changed by mistake in 2024 possibly affecting the data. Issue related to negative NO₂ values needs to be solved. 		

<ul style="list-style-type: none"> The other Italian station Capo Granitola has not submitted NO_x data in the last few years due to technical issues. 	
<p>Cape Verde, Univ. of York, UK - Beth Nelson</p> <ul style="list-style-type: none"> Level 0 data should also be submitted so that level 3 data can be produced. 	
<p>Hohenpeißenberg, Germany - Robert Holla</p> <ul style="list-style-type: none"> CLD3 instrument had some issues last year. NO baseline changed after calibration? Some negative values for NO/NO₂ are flagged, while others are not. Station possibly looks into this if not too labour-intensive. No NO₂ calibration source for the Aerodyne CAPS NO₂ monitor yet, working on this. 	
<p>Kosetice, Czech Republic - Martin Beck</p> <ul style="list-style-type: none"> Martin Beck presented instead of the main responsible person Jan Šilhavý. Positive and negative spikes in NO values should be flagged. The offset correction is not ideal, neither the one done by the station nor the one by the TC. 	<p>To TC: Discuss issues with Jan Šilhavý (Košetice NO_x, O₃) - jan.silhavy@chmi.cz</p>
<p>Puy Du Dome, France – Aurelie Colomb</p> <ul style="list-style-type: none"> The converter efficiency of the Teledyne T200UP is missing. Aurelie notes that is always between 100 – 105%. Seems to be the case for many Teledyne instruments and may likely be no point of concern. 	<p>The TC will try to contact Teledyne about this.</p>
<p>Maido, La Reunion – Aurelie Colomb</p> <ul style="list-style-type: none"> Maido NO_x data not submitted due to missing ozone data but nearby station is recording ozone values which could be used in the future. 	
<p>SIRTA, France - Nicolas Bonnaire</p> <ul style="list-style-type: none"> In October 2024 breakage of a regulator occurred. 	
<p>General items</p> <ul style="list-style-type: none"> The TC will share NO_x emission data with Valerie Gros highlighting the years post-2016 due to the Diesel scandal. No publication relating to this topic is known to the TC yet. <p>AOB</p> <ul style="list-style-type: none"> After several years of online meetings, there was the suggestion to have an in-person data QA/QC meeting as was done before 2020. Another suggestion is to have a separate meeting at the ACTRIS Week 2025 where the NO_x community can discuss topics relating to data, instruments, issues. 	