

NOx Side-by-Side Intercomparison

Milestone in month 15 → summer 2016 @ DWD Hohenpeissenberg

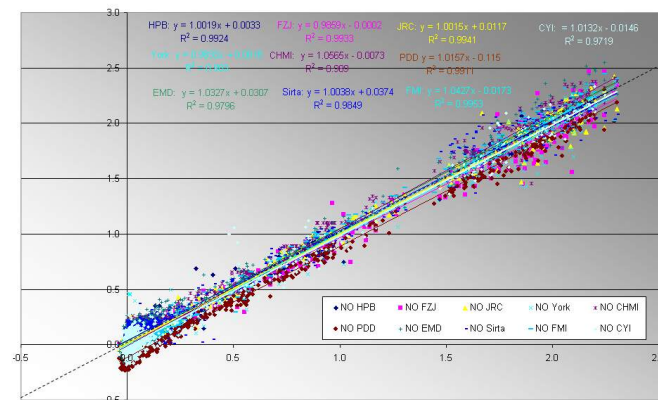
percentage of data outside of the DQO-margins: ambient air

	HPB	FZJ	IPR	CVO	CHMI	PUY	MD-DCE	Sirta	FMI	CYI	DOAS	DOAS-corr.	LIF	LIF-corr.	LGR	CAPS
# NO measurements	2689	2907	2882	2974	2963	2787	2825	2928	2864	1450						
% NO not in DQO	5%	7%	17%	17%	35%	95%	56%	46%	18%	53%						
# NO2 measurements	2697	2510	2882	2972	2967	2787	2819	2946	2869	1499	2727	2727	2185	2185	2246	2826
% NO2 not in DQO	14%	60%	90%	76%	98%	43%	12%	48%	100%	54%	18%	7%	44%	15%	90%	12%

less than 20% and more than 50% of data worse than DQO

Tentative schedule: 10 days (including installation)

- Ambient Air
- During calibration: humid vs. dry calibration (for different instruments)
- influence by humidity, variation during measurement
- influence of HNO₃ (using a Permeation source for HNO₃)
- NO_y



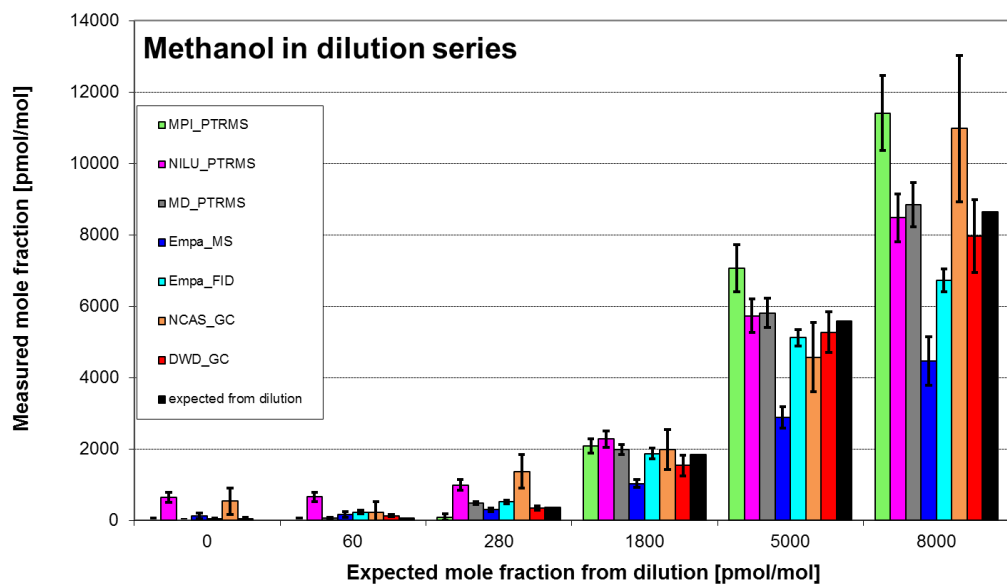
ACTRIS-1: scatter plot of NO data for ambient air measurement

Doodle will be set up by the end of 2015 (DWD).

All ACTRIS sites will be informed.

NO TNA!

ACTRIS-2: VOC Side-by-Side Intercomparison



Milestone in **month 27** → summer 2017 @ DWD Hohenpeissenberg

Sites will be informed in time.
NO TNA!