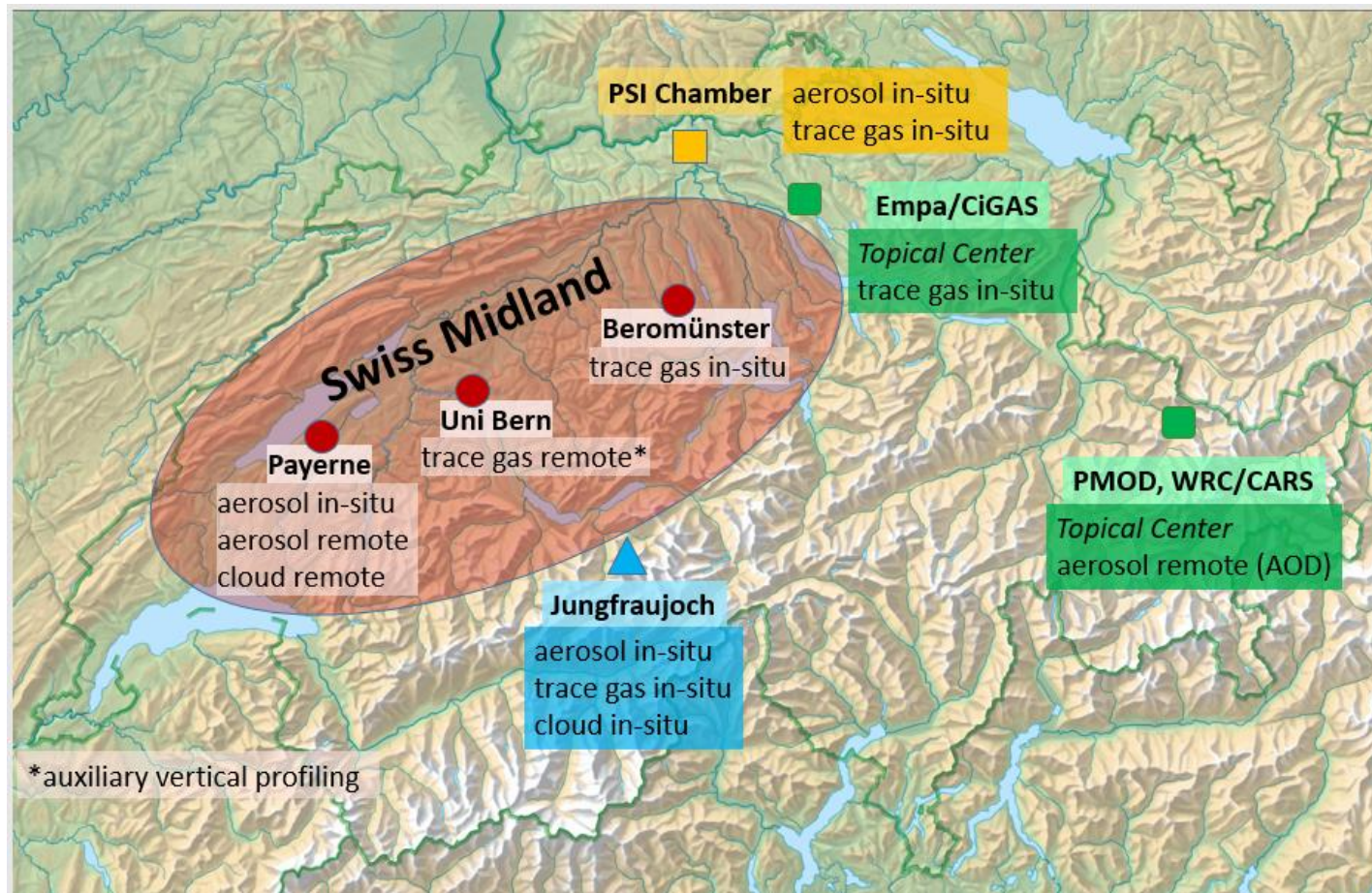


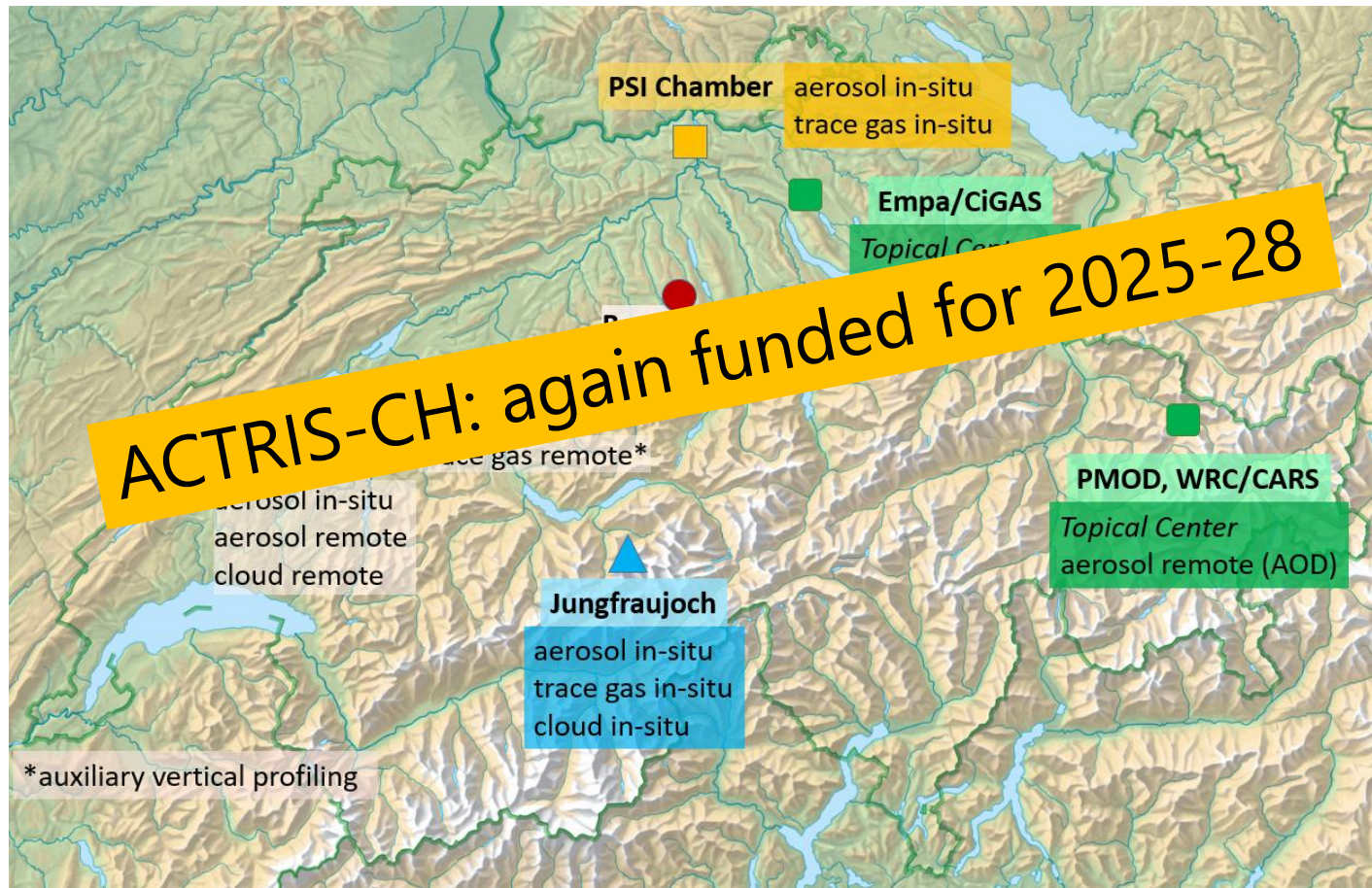
7 years of NMHC and OVOC measurements at Beromünster (Switzerland)

Stefan Reimann
Paul Schlauri
Pascal Rubli
Zoé Le Bras
Matthias Hill

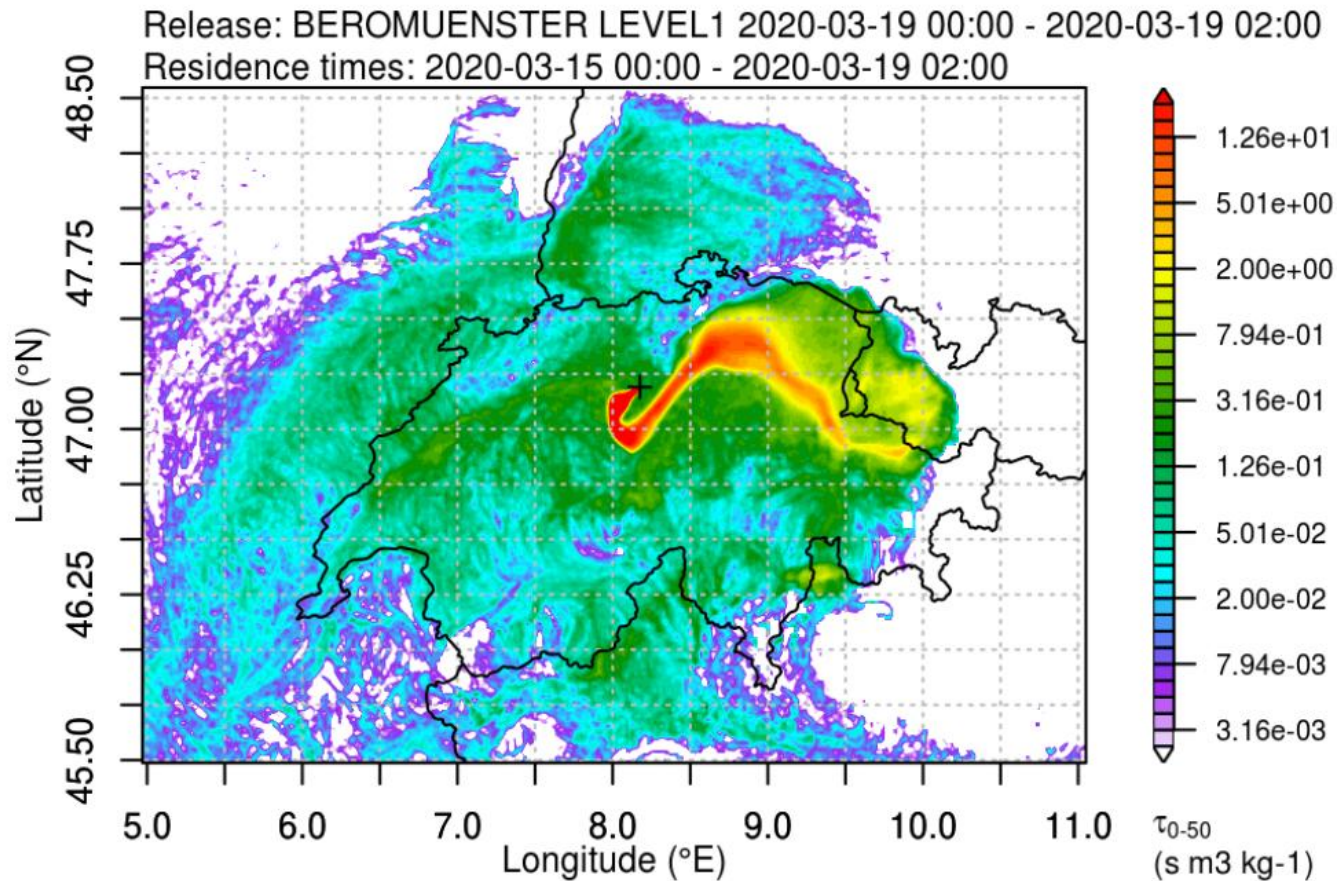
Beromünster: part of the joint NF (Swiss Midland)



Beromünster: a NF on its own



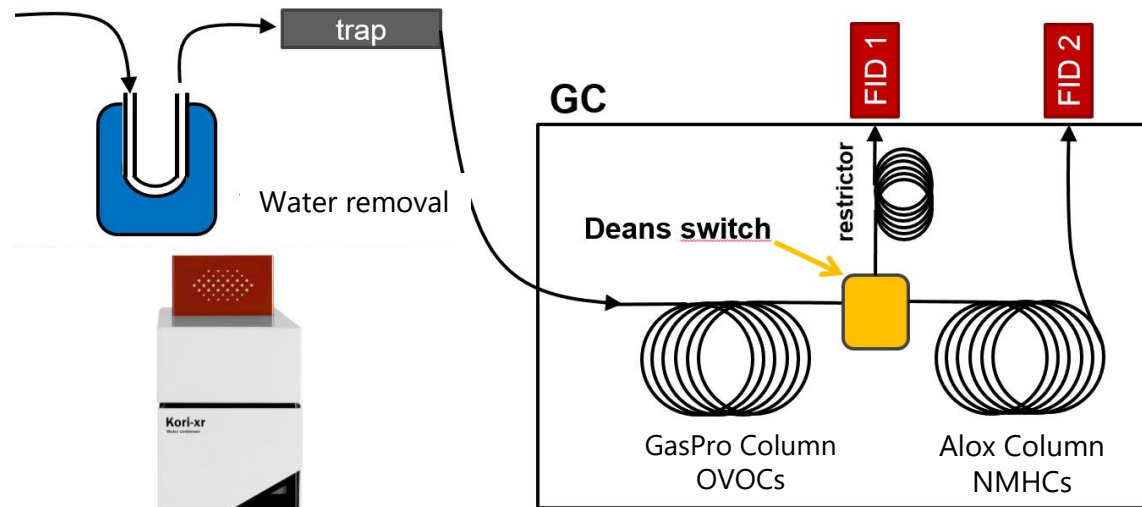
Beromünster influenced by regional advection



Two-Channel GC-FID for the analysis of NMHCs and OVOCs



Beromünster since 2018



Since Jan 2025

Measured species



NMHCs

Alkanes (C2-C6)

Alkenes (C2-C3)

Ethine

1,3-Butadiene

Benzene

Toluene

Xylenes

OVOCs

Methanol

Ethanol

Iso/n-Propanol

Acetaldehyde

Acetone

MEK

MTBE

Methylacetate

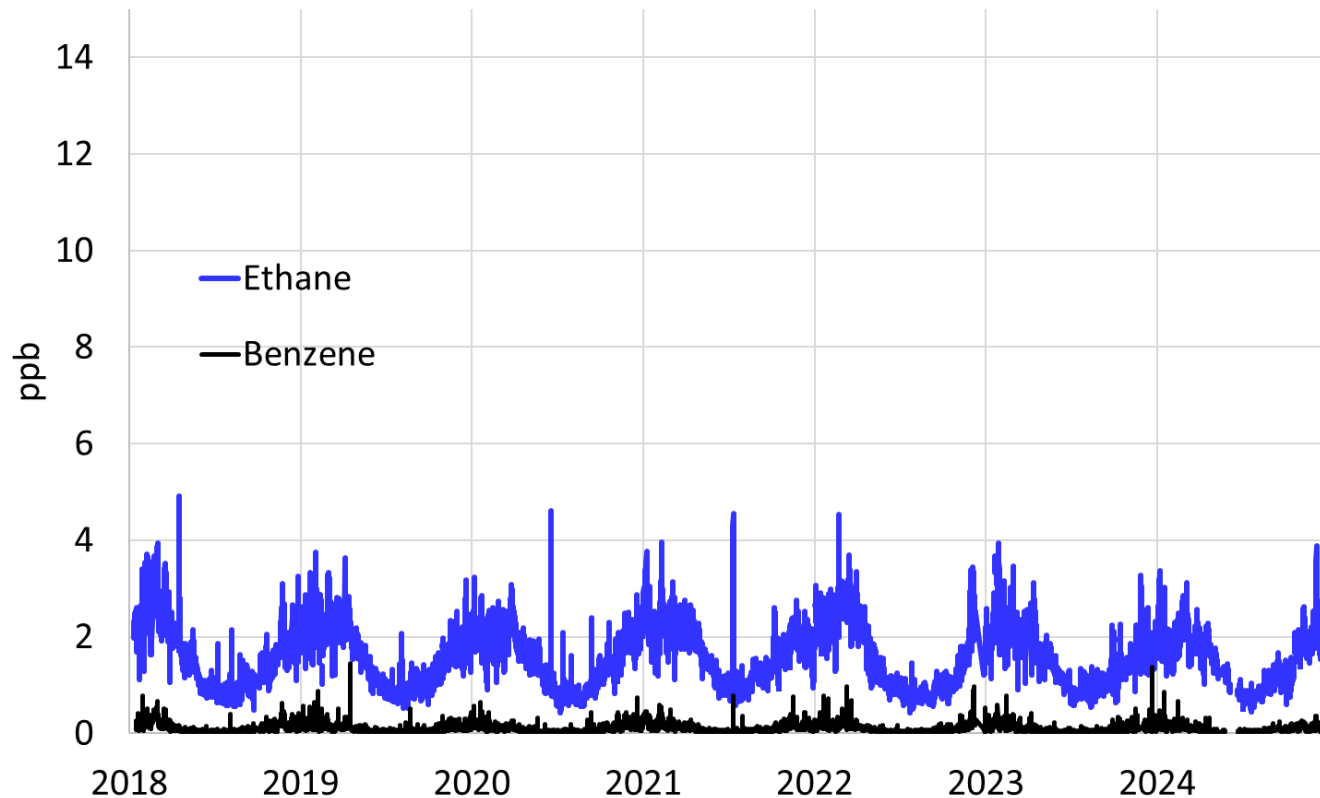
BVOCs

Isoprene

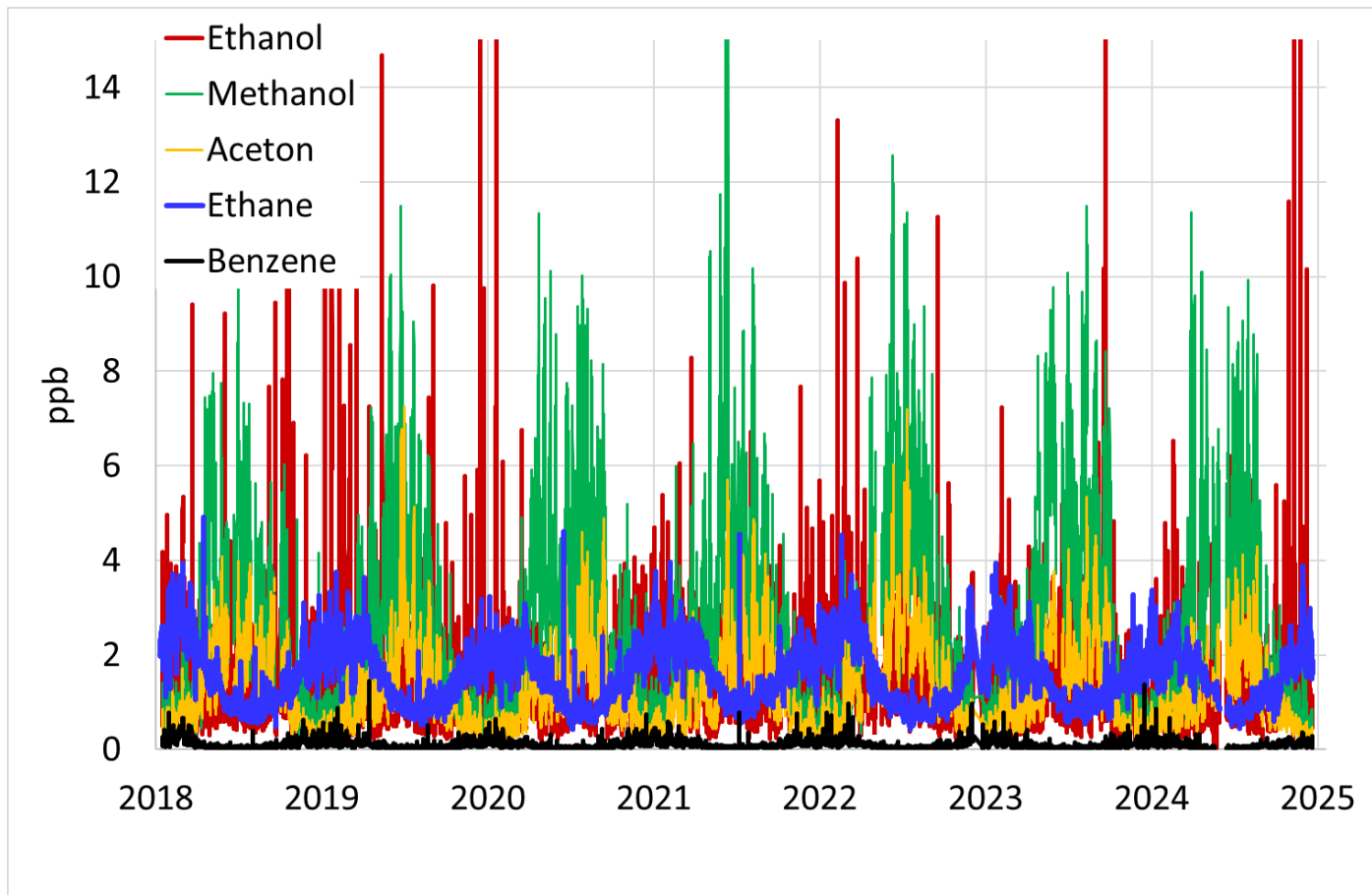
α -Pinene

Limonene

Importance of VOCs vs. OVOCs (2018-2024)



Importance of VOCs vs. OVOCs (2018-2024)



Importance of VOCs vs. OVOCs (2018-2024)



VOCs
OVOCs

