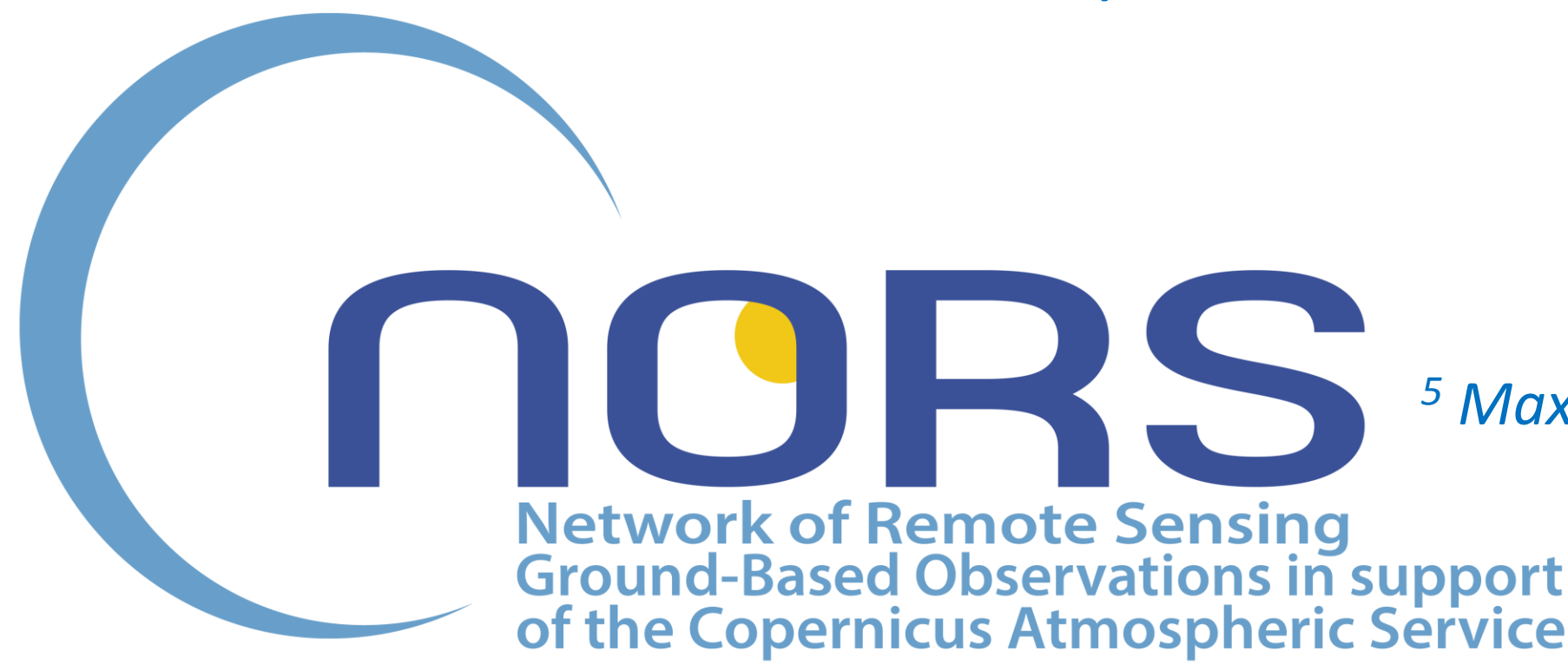


NORS-NDACC, new sites

Contribution to GISC Workshop « Monitoring matters », 10-11 April 2013, Copenhagen

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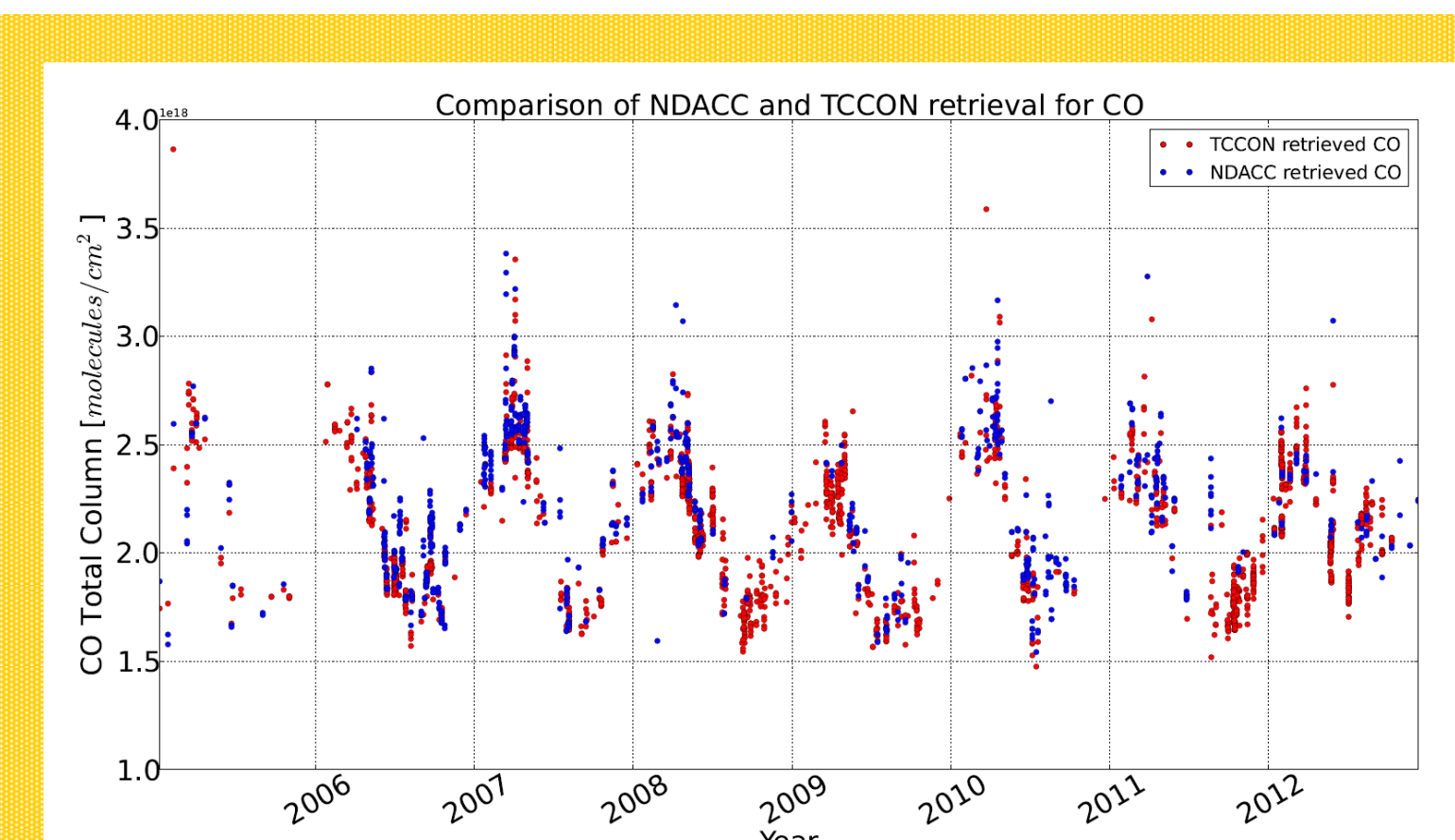
⁷ Instituto Nacional de Técnica Aeroespacial (INTA), Torrejón de Ardoz, Spain

⁸ Université de Liège (Ulg), Liège, Belgium



This project has received research funding from the European Community's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° 284421.

Context: The principal objective of the NORS project is to improve the quality and validation of the products delivered by the GMES Atmospheric Service (GAS), using independent ground based remote sensing data from the international Network for the Detection of Atmospheric Composition Change (NDACC). NORS focuses on Ozone and UV, 'air quality and climate'. The research planned in NORS aims at tailoring these NDACC products to the needs of GAS. In the context of capacity building and sustainability, NORS expertise is exported to candidate NDACC stations outside western Europe. Per station: LOCATION - Local partner - (NORS partner)

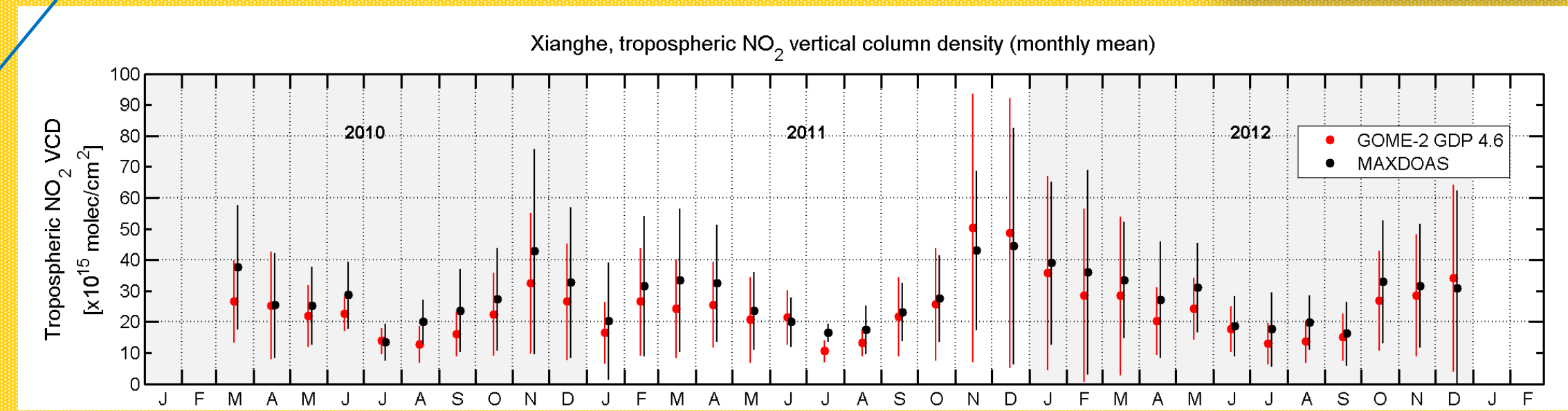


KOUROVKA
University of
Yekaterinburg
(UBremen)



TOMSK
Zuev Institute of
Atmospheric
Optics
(KIT)
FTIR

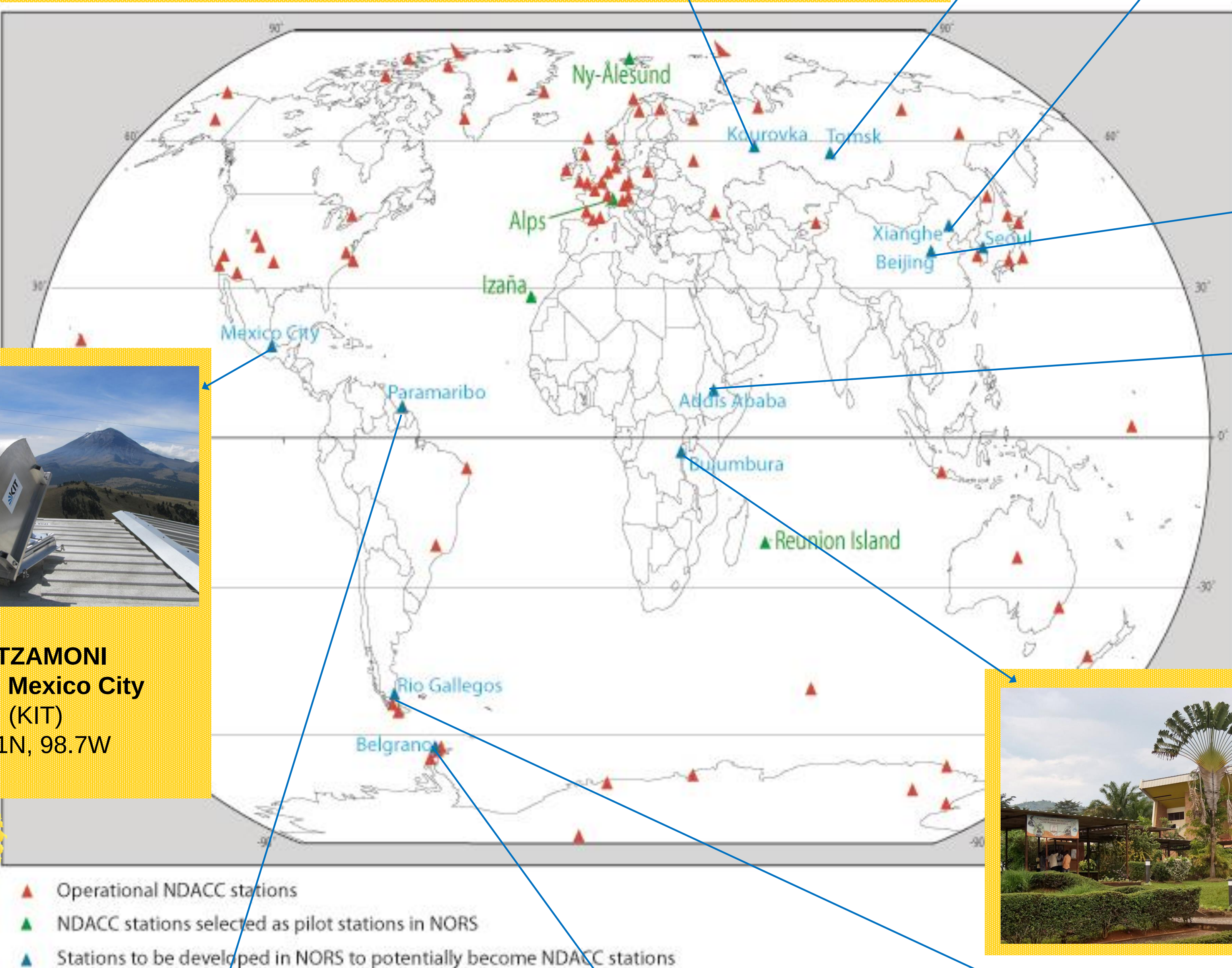
XIANGHE Integrated Observatory
Institute for Atmospheric Physics / Chinese Academy
of Sciences
(BIRA)



BEIJING
Chinese Academy of
Meteorological Sciences
(MPIC)
Mini MAXDOAS



ADDIS ABABA
University of Addis Ababa
(KIT)



ALTZAMONI
UNAM Mexico City
(KIT)
19.1N, 98.7W



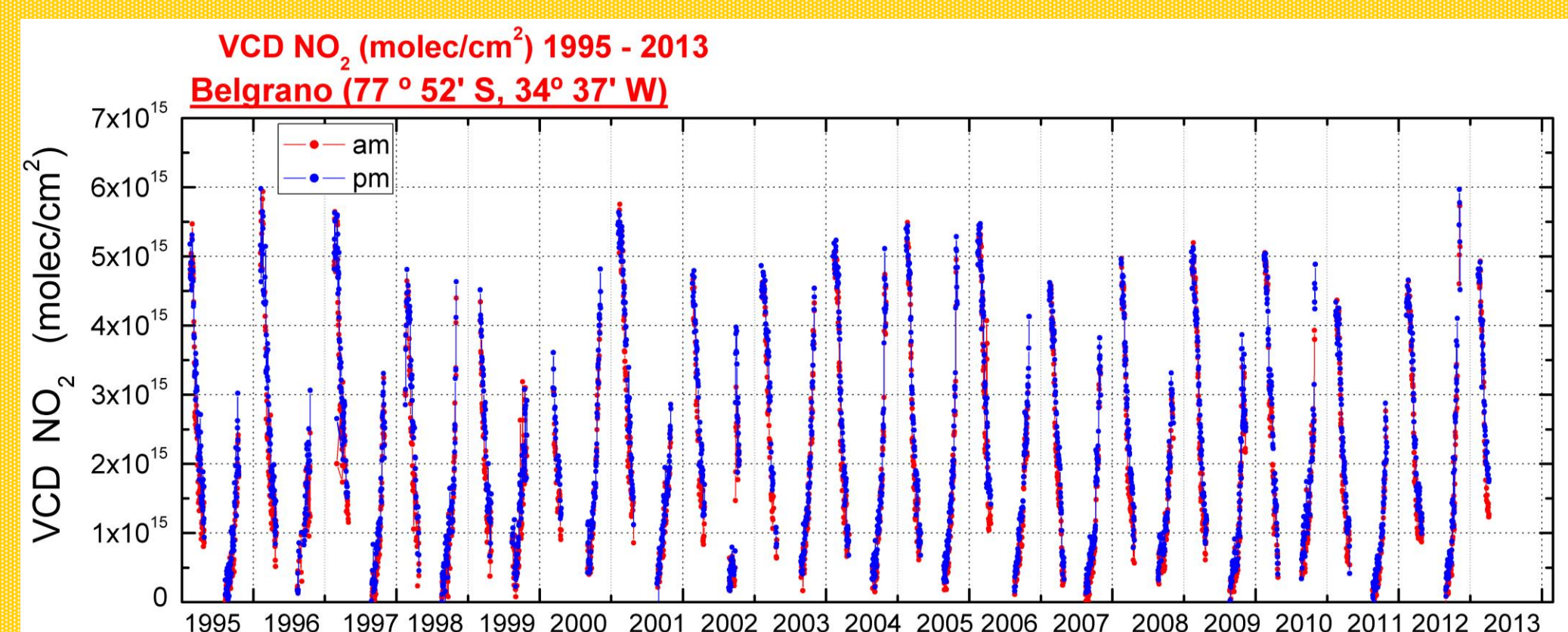
BUJUMBURA
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Bujumbura
(BIRA)



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Meteo Service of Suriname
(MAXDOAS - UHeidelberg)
(FTIR - UBremen)



BELGRANO
Instituto Antártico Argentino
(INTA)



RIO GALLEGOS (CEILAP-RG)
(CNRS)
51.6S, 69.3W

Real Time O₃ and NO₂ stratospheric column in 2012

