

# WP NA3: Harmonisation and quality control of future measurements of CH4, N2O and H2

Martina Schmidt

### **Objectives**

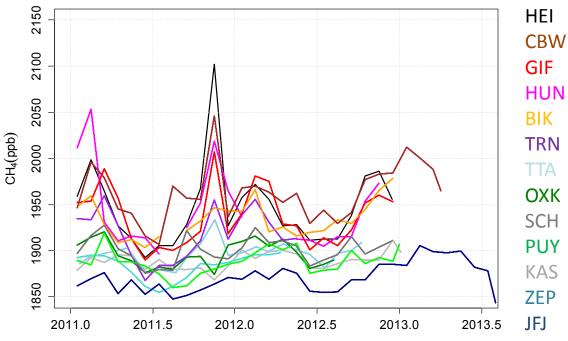
to improve the quality of CH4, N2O, SF6 and H2 measurements at the 22 InGOS stations and to make them available for inverse modelling of European fluxes (WP15 - JRA3).

## **Tasks**

- Task 3.1: Improvement of in situ measurement precision and comparability led by CEA (Martina Schmidt), contributors: all groups
- Task 3.2: Near-real time data transmission of CH4, N2O, SF6 and H2 led by CEA (Jerome Tarniewicz), contributors: all groups
- Task 3.3: Efficient ICP exercises including their evaluation led by UEA (Andrew Manning), contributors: all Groups
- Task 3.4: Feasibility study of the usefulness and applicability of travelling QC instrumentation led by UHEI (Samuel Hammer), contributors: MPG, CEA
- Task 3.5 Training and Capacity building (linked with NA1, led by Euan Nisbet)

# **Network of NA3 station**





### **Deliverable**

- D3.1) Method for quality control for all stations implemented: After this the stations will provide better harmonised output data. [month 12] Done
- D3.2) Near-real time data of the first 10 stations available at the webpage: Near real time data showing the concentration levels at the respective sites. [month 12] Done
- D3.3) First ICP report on comparability of CH4, N2O, SF6 and H2 measurements within InGOS network: PDF report available on the Webpage [month 18] Done
- D3.4) Near-real time data available at the webpage for all stations.: Near realtime data showing the concentration levels at the respective sites. [month 24] ongoing.... Your participation is needed
- D3.5) Report on the feasibility of a travelling instrument for quality control of in situ measurements: PDF report available on the Webpage [month 24] Done
- D3.6) Second ICP report on comparability of CH4, N2O, SF6 and H2 measurements within InGOS network: PDF report available on the Webpage [month 42] ongoing
- D3.7) Assistance to St Petersburg and Cyprus: Assistance provided to teams in St Petersburg and Cyprus. [month 32] Done