InGOS - Integrated non-CO_2 GHG Observing System

InGOS brings together research at tall towers, ground stations, sea going vessels, airplanes and ground based remote sensing observations

InGOS will harmonize, exchange and disseminate measured data on the EU greenhouse gas budget

InGOS will establish a data centre and modeling framework to provide policy relevant information

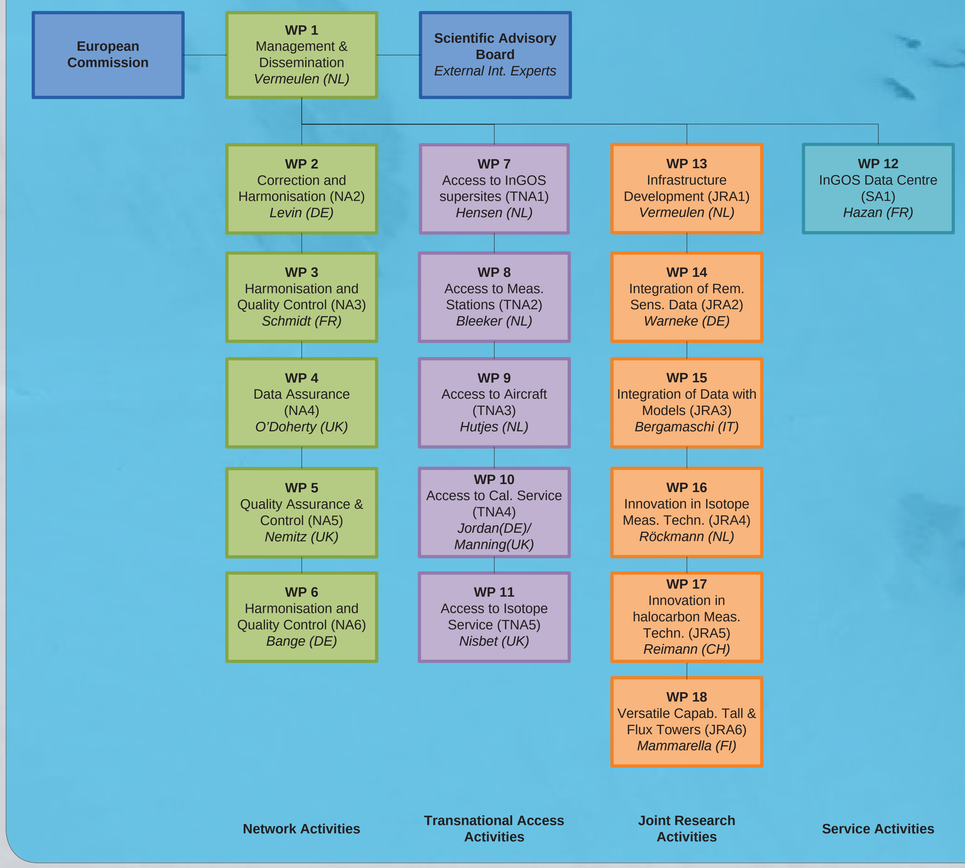
InGOS objectives:

- Harmonize and standardize measurements
- Provide capacity building in new EU member states and countries with inadequate existing infrastructure
- Support existing observation sites and transfer selected sites into supersites
- Integrate marine and land based observations
- Improve measurement methods by testing new innovative techniques and strategies
- Test advanced isotope techniques for application in the network enabling attribution to source categories
- Integrate data for network evaluation by using inverse modeling and data-assimilation methods
- Link remote sensing data of column abundances to in- situ and satellite observations
- Prepare for the integration of the NCGHG network with theIntegrated Carbon Observation System ICOS

SEVENTH FRAMEWORK PROGRAMME

Period: 1 Oct 2011 - 30 Sept 2015
Budget: 8 M€ EU contribution
34 partners
24 stations

InGOS structure:



InGOS consortium:

Coordinator: ECN

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Partners:

ECN - NL
MPI-BGC - DE
EMPA – CH
CEA – FR
Univ. Bristol – UK
Univ. East Anglia – UK
Univ. Heidelberg – DE
Univ. Utrecht – NL
RHUL – UK
Univ. Bremen – DE
Univ. Helsinki – FI
RisøDTU – DK
Univ. Edinburgh – UK
JRC Ispra – EU
NERC – UK
Univ. Tuscia – IT
Univ. Frankfurt – DE
NILU - NO
KIT – DE
Univ. Lund – SE
INRA – FR
Met. Office - UK
AGH Krakow – PL
Univ. Leicester – UK
VUA - NL
HMS – HU
Univ. Groningen – NL
Univ. Poznan – PL
IFM-Geomar – DE
CSIC – ES
Univ.Bergen – NO
WUR – NL
CEAM - ES