

ICOS

INTEGRATED
CARBON
OBSERVATION
SYSTEM

EUROPEAN RESEARCH
INFRASTRUCTURE

ICOS Belgian Consortium Study
Day

www.icos-ri.eu

Integrated Carbon Observation System

Decentralized infrastructure = distributed standardized observation stations + central facilities

Greenhouse gases: CO₂ (carbon dioxide), but also CH₄ (methane) en N₂O (nitrous oxide)

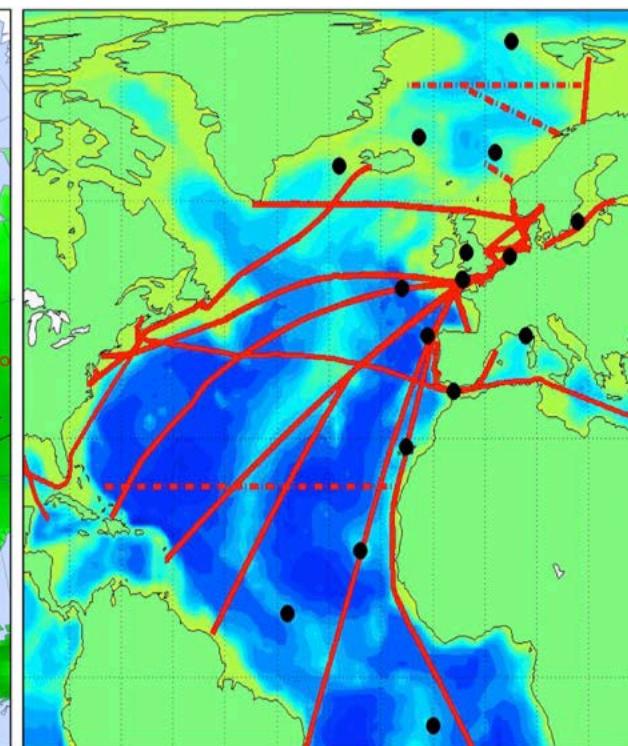
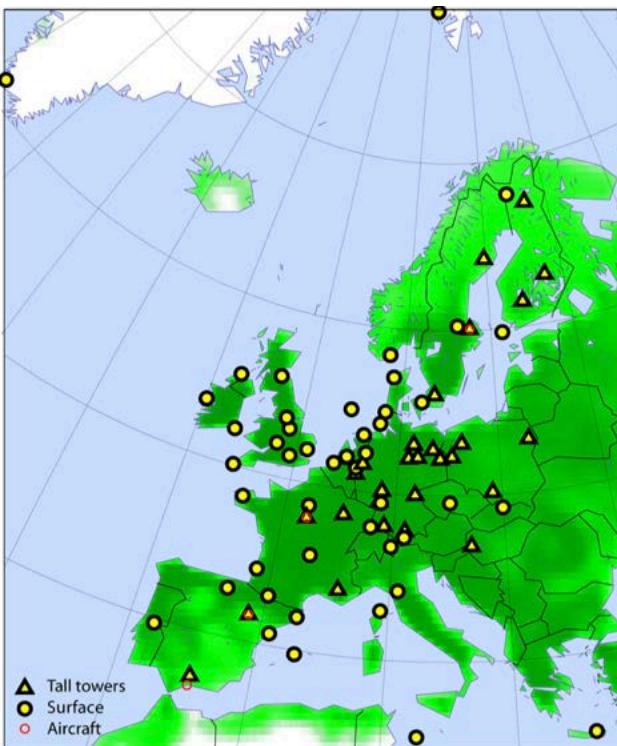
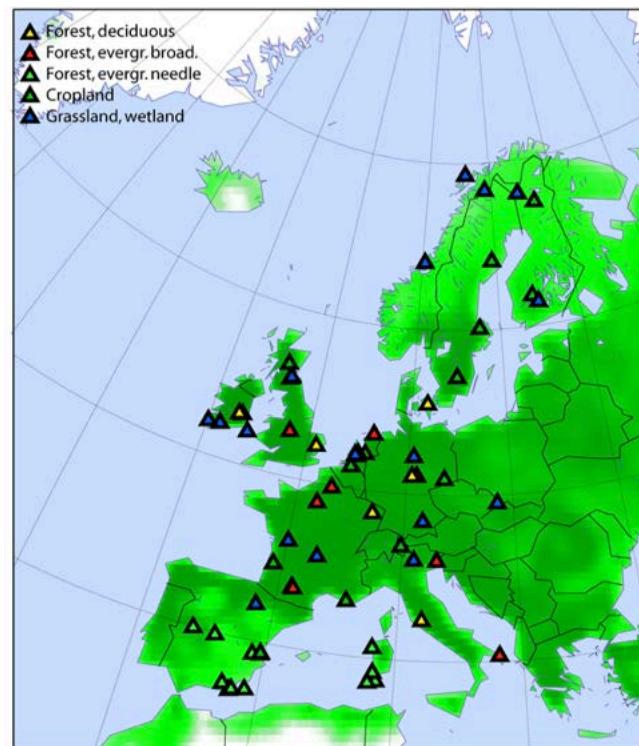
Land (ecosystem towers), ocean (ships, observation buoys) and atmosphere (towers)

Better understandnig of greenhouse gas balance and climate changes

Long term = 20 years

ERIC: signed 15 November 2016 (nine countries)





Ecosystems

Atmosphere

Oceans

Belgian network of ten stations

- 6 ecosystem + 1 atmospheric + 3 ocean
- Highest density of stations in Europe (?)

Ecosystem Thematic Centre (ETC)

- Coordination of all ± 35 ecosystem stations
- Protocols, data collection and central databank
- Antwerpen + Viterbo (IT) + Bordeaux (FR)



stichting van openbaar nut



Université
de Liège



inbo
instituut voor natuur- en bosonderzoek



Ten ICOS stations in Belgium



Simon Stevin



Universiteit
Antwerpen



Universiteit
Antwerpen



Université
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universiteit
hasselt



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Atmospheric
La Réunion

- Introduction of new stations of ICOS BE
- Station labelling procedure (Bert & Maarten): time to start application !
- ICOS ERIC – national network agreement (Tu): your input and/or agreement
- ICOS BE consortium MoU: tasks and responsibilities of partners and Focal Point; collaboration
- *Lunch and group picture*
- ICOS BE consortium MoU (ctd.): communication; flow of information
- Outreach: ICOS BE Symposium
- Discussion, questions, input and feedback



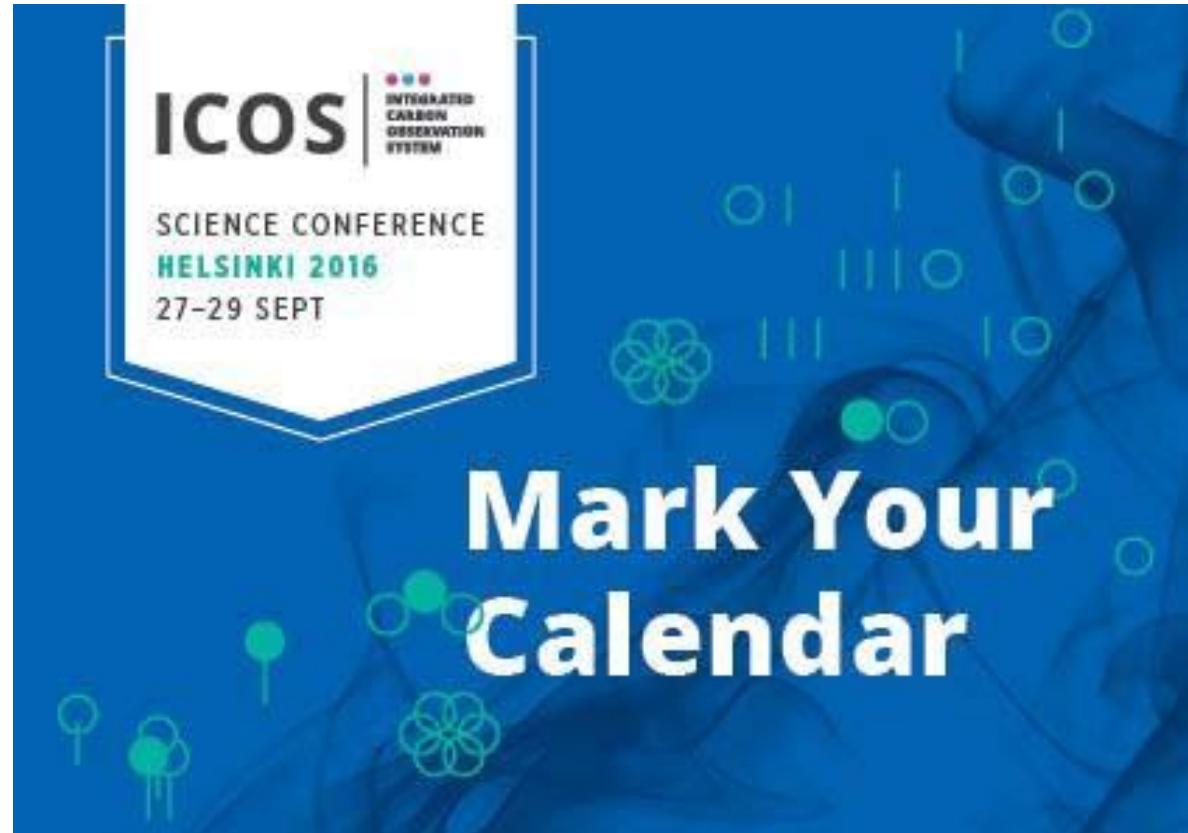
ICOS Belgium Newsletter !

www.icos-belgium.be

Li-Cor European Roadshow, 11 May 2016

www.icos-ri.eu

www.icos-sc2016.eu



Technical school on soil and leaves sampling

21 until 24 June 2016

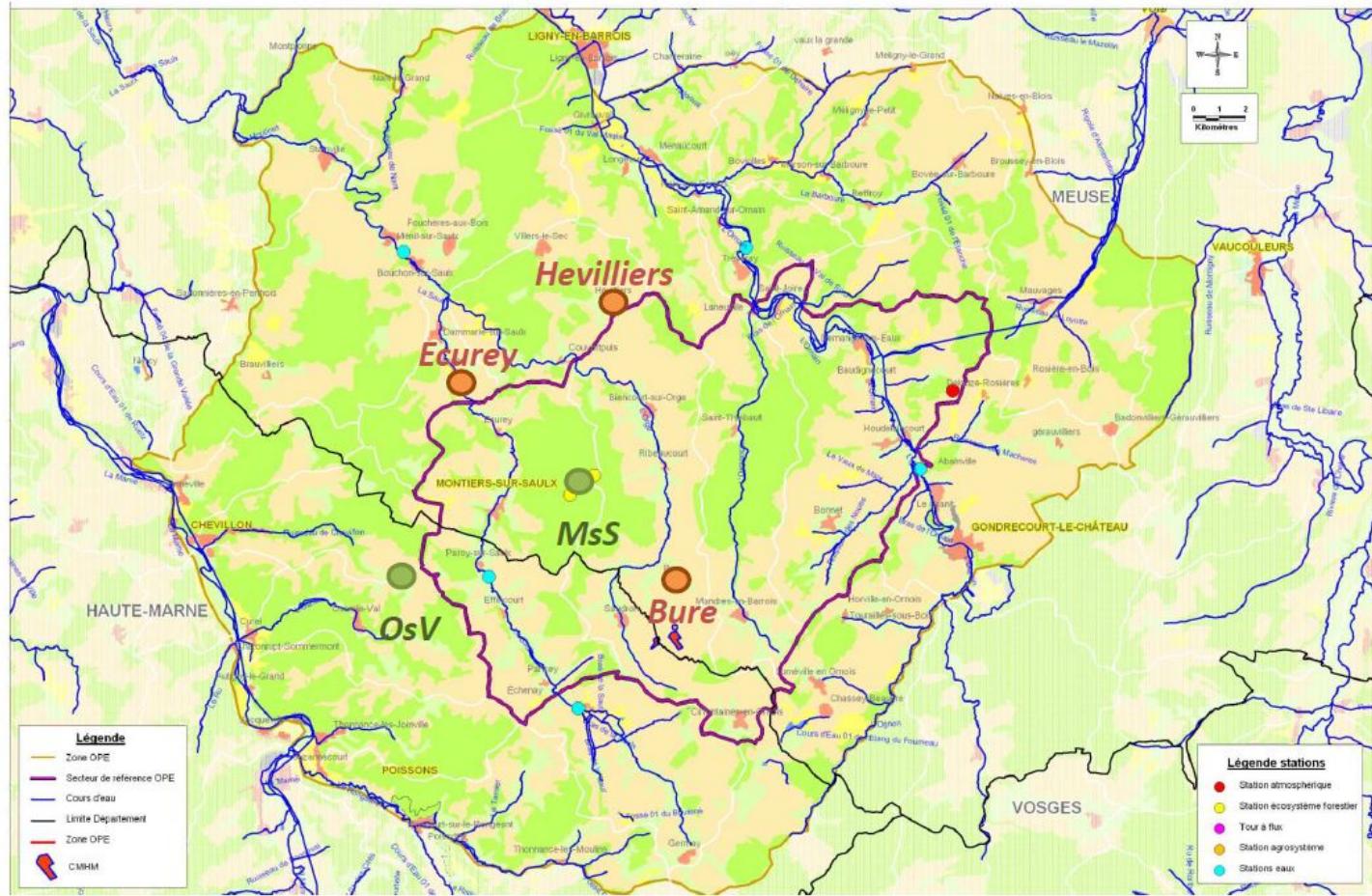
Montiers sur Saulx, eastern FRANCE

Practicalities

- Organized by INRA and ANDRA (FR)
- Program:
 - Introduction to soil sampling protocol, field session and lab work
 - Foliar sampling field session and lab work
- 1 representative / station
- Location: Montiers sur Saulx
 - **Accommodation** in Ecurey, Hevilliers and Bure (3 hotels; double rooms)
 - **Meals and meeting rooms** at Ecurey
 - **Field sampling** in Montiers sur Saulx and/or Osne le Val
 - **Lab work** in Bure
- Organized travel from Nancy and back or self drive
- Deadline for registration **20 May 2016** (see form)
- More information: sebastien.conil@andra.fr

Location

- 1 Rue de l'Abbaye, 55290 Montiers-sur-Saulx (GPS: 05°16'10"E 48 °33'31"N)



Registration form

Send to sebastien.conil@andra.fr



SOII - PLANT Technical school - 21-24 June 2016 Montiers sur Saulx (France)

First Name:

Last Name

Institution:

Country:

Email:

Cell phone:

ICOS SITE :

Site Class :

Ecosystem type :

Arrival place (Montiers sur Saulx / Nancy / other) :

Arrival Date:

Departure Date:

Transportation to Nancy (car, train, flight):

Train or flight infos (Arrial and Departure times, location):

Group transportation from Nancy (Yes/No):

Individual Car : Y/N

Carpool offered : Y/N

Special diet:

Name of another participant you will arrange to share a room with: