

# ICOS Monitoring Station Assembly meeting: Atmosphere

Paris, November 2013

# Agenda

## ICOS Atmosphere Monitoring Station Assembly (MSA) November 2013

Draft Agenda v2

### Wednesday November 13

Welcome, logistics (15 min) <9h-9h15>

Introduction (inc update CP and ICOS EU): A. Vermeulen (20+5 min) <9h15-9h45>

N2O instrumentation: M. Schmidt (20+10) <9h45-10h15>

Update on CO instrumentation O. Laurent (15+15) <10h15-10h45>

COFFEE <10h45-11h15>

Buffer Volume: A. Lindroth et al. (15+10) <11h15-11h45>

Water vapor update: O. Laurent (20+10) <11h45-12h15>

LUNCH <12h15-14h00>

ATC update (inc metadata): L. Rivier (20+10) <14h-14h30>

CAL update: A. Jordan, S. Hammer (20+10) <14h30-15h>

Synthetic overview of 2012 ICOS atm demo data: M. Ramonet (20+10) <15h-15h30>

COFFEE <15h30-16h00>

Networks update: One person per country (5min each, 10\*9=1h30) <16h00-17h30>

Term of Reference MSA (inc. disc. on Working Groups): A. Vermeulen+ All (60) <17h30-18h30>, cf DOCU4

### Thursday November 14

Instrument specification: O. Laurent (10+20) <9h-9h30>, cf DOCU5

Network design: U. Karstens (20+10) <9h30-10h>

INWIRE (lidar, flasks, TCCON, ...) : JD. Paris (20+10) <10h-10h30>

COFFEE <10h30-11h>

ICOS Atm quality Management: T. Laurila <11h-12h>

LUNCH <12h-14h>

Demo data flagging software: M. Ramonet (20+10) <14h-14h30>

Uncertainty in measurement in coll INGOS: I. Levin (20+10) <14h30-15h>

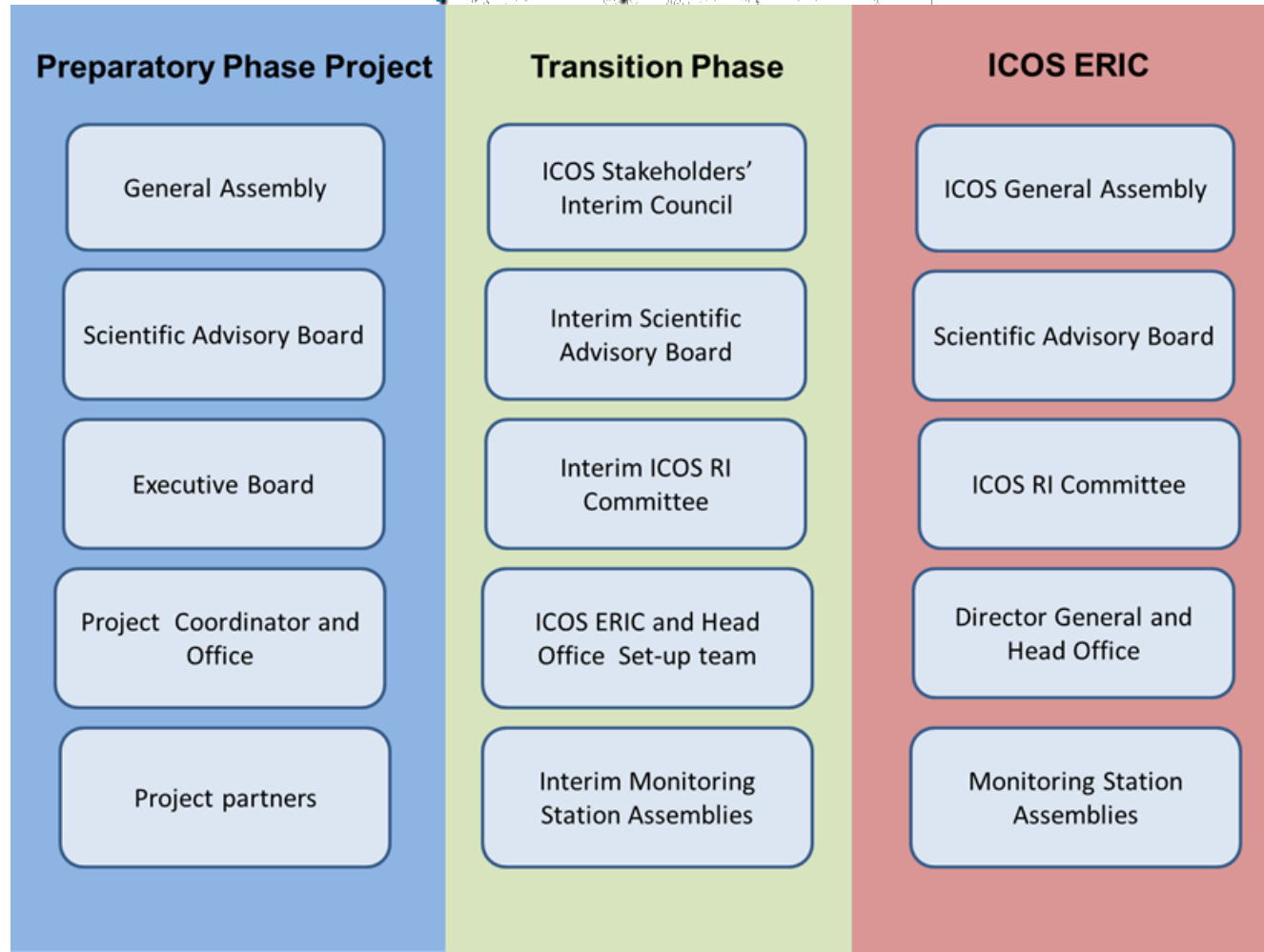
Station Labelling process: A. Vermeulen (20+10) <15h-15h30>, cf DOCU3

Any other business <15h30-16h>

Wrap up, Conclusions: A. Vermeulen, L. Rivier <16h-16h30>

# Progress in ICOS

- Now transition phase, ICOS ERIC start 2014!



# Transition

- Website: <http://icos-infrastructure-transition.eu>
- 14 countries support the ICOS infrastructure
- Work on HO & Thematic Centers continues
- Carbon Portal (part of ERIC) preparation started Oct 2013
- Ocean Thematic Center concept approved, national application Norway failed...
- ESFRI review of ICOS very positive!
- Monitoring Station Assemblies
- MSA Terms of Reference (ToR): discussion
- ICOS Director proposed, for approval by ISIC (5/12/13)
- CP Director selection procedure starts soon



# What is the Monitoring Station Assembly?

## ERIC Statutes:

### ***ICOS Research Infrastructure Committee***

- ◆ There shall be an ICOS Research Infrastructure Committee (ICOS RI Committee) for the ICOS ERIC. The ICOS RI Committee shall include one representative from each ICOS Central Facility, and from each monitoring station assembly. The ICOS RI Committee shall adopt its own Rules of Procedure.
- ◆ The Director General shall consult the ICOS RI Committee for all general matters including drawing up proposals for the General Assembly in establishing and modifying annual work plans related to ICOS RI to ensure consistence, coherence and stability of the research infrastructure services.
- ◆ ICOS RI Committee shall be convened by the Director General.

# MSA role

- ◆ From ICOS Techn. & Scient. Description:
  - The Monitoring Station Assemblies (MSAs) for atmosphere, ecosystem and ocean measurement networks consist of scientific and technical experts from the stations of ICOS National Networks of ICOS ERIC Member countries.
  - MSAs monitor, develop and improve the scientific and technical basis (e.g. station networks) of ICOS RI and they closely work with the ICOS Central Facilities.
- ◆ Kind of parliament, consisting of max 2 experts per station
- ◆ Work by consensus and together with CFs
- ◆ Is represented in RI committee

# Proposed tasks for the MSA

◆ ...

- ◆ Give feedback on Station Spec document
- ◆ Working groups with ATC and CAL (revived)
- ◆ Discuss progress and new developments
- ◆ Discuss and propose station labelling (and exclusion) process
- ◆ Discuss Data Policy
- ◆ Amend/Approve proposed MSA Terms of Reference



# ICOS PPP Working groups ATC

- ◆ **WG.1: Station Equipment**  
Coordinator: O. Laurent
- ◆ **WG.2: Data and Metadata Management**  
Coordinator: L. Hazan
- ◆ **WG.3: Flasks sampling Strategy and design**  
Coordinator: I. Levin
- ◆ **WG.4: Station design and compliance**  
Coordinator: C. Gerbig
- ◆ **WG.5: GHG Measurement guidelines**  
Coordinator: M. Ramonet
- ◆ **WG.6: QA/QC**  
Coordinator: S. Hammer
- ◆ **WG.7: Data Policy demo experiment**  
Coordinator: JD Paris
- ◆ **WG.8: How to select additional sites with access to CAL/ATC services.**  
Coordinator: I. Levin