The European Metrology Network for Climate and Ocean Observation

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European Metrology Networks

• Bring Europe’s National Metrology Institutes together to work on areas of strategic importance in collaboration with stakeholders and end users
• 6 EMNs are being set up now – more will come
• Will develop a “strategic research agenda” that will inform national and European research programmes in metrology
• Expect to have global influence
The European Metrology Network for Climate and Ocean Observation

• Focus on metrological support to underpin GCOS ECVs and GOOS EOVs
• Societal aims – climate observation and “blue economy” sustainable ocean economic applications
EMN Internal Structure

EMN Overview

- In Situ Atmosphere
- In Situ Ocean
- In Situ Land
- EO (Land, Ocean, Atmosphere)
EMN and CEOS WGCV IVOS

• Opportunity to influence the research programmes of all Europe’s metrology institutes
• Opportunity to influence the direction of the EURAMET-led EU funding opportunities (which fund collaboration between metrology institutes and other partners)
• Help us prioritise our activities
• Support teams already working in this area to grow their activities
Partnership

• Organisations that are not European NMIs may become Partners of the EMN

• Partners can:
  – Participate in meetings
  – Include their activities in the strategic research agenda
  – Advertise their capabilities through the EMN portal

• We will soon also have a sign up for a newsletter (this does not require partnership)
EMN Plans

- Formal agreement – happened yesterday!
- First Annual General Meeting: likely to be 11-12 June 2019
- Stakeholder Workshop: likely to be week 11 November (2 day meeting)

Now → September
- Website set up and outreach material developed
- Review of existing stakeholder needs
- Initial Strategy

October → March
- Thorough stakeholder needs review