



In situ

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A LONG HISTORY

- “Outline Implementation Plan” October 2001; *“fostering the integration of the space contribution with existing airborne and terrestrial service infrastructures”*.
- Service based approach necessitates the use of In Situ data
- Underlying premise; In Situ data are the Member States’ contribution – *they are collected anyway, so they can be made available easily*
-  10 years of EEA activity



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THIS IS AN IMPORTANT TIME

- Growing use of Copernicus, and mechanisms to promote it
- Future of Copernicus under scrutiny – evaluation, future Regulation, MFF, “Refit”
- Emerging ideas about monitoring – from “reporting” to service delivery
- Growing understanding of Copernicus In Situ as potentially part of an integrated data system
- EEA In Situ coordination – real progress
 - Information System moving to trial stage
 - Robust outreach
 - State of Play analysed systematically



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2017 STATE OF PLAY REPORTS

- Key element of the EEA mandate - to inform stakeholders of the main cross-cutting issues, and offer conclusions and recommendations
- Very detailed investigation with the Services, at component level, of
 - The datasets of genuine cross-cutting importance
 - Which of these are of the highest criticality
 - The barriers to their use and areas for action
- The Services are maturing, working with the available data
- But issues remain – from the nature of the In Situ landscape
 - Numerous datasets, few curated specifically for Copernicus, with numerous providers and coordinators operating at different scales, a wide range of governance and funding arrangements, and variable quality
 - Services need many non-EU data
 - Varied access conditions – data policy and logistic
 - Services can have specific, and varied, needs



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ACTION AREAS

- Critical vulnerabilities, especially sustainability
- Barriers to delivery – policy, logistic/cost
- International aspects – need for non-EU data
- Specific opportunities
 - Inter-Service exchange
 - Space/In Situ synergies
 - Exploitation of non-Copernicus EU programmes
 - Critical datasets – eg settlements
- Outreach and engagement

The EEA and its contractors are developing specific plans in these areas



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- The action areas that have been identified demonstrate the need for
 - Engagement at policy level
 - Mature discussion about funding
 - Effective communication and outreach – including detailed dialogue between user community and providers
- State of Play Report demonstrates the critical importance of reference datasets of interest to your members. The following presentations will look in detail at particularly important cases

This meeting is an example of what is needed across a wide field.



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