

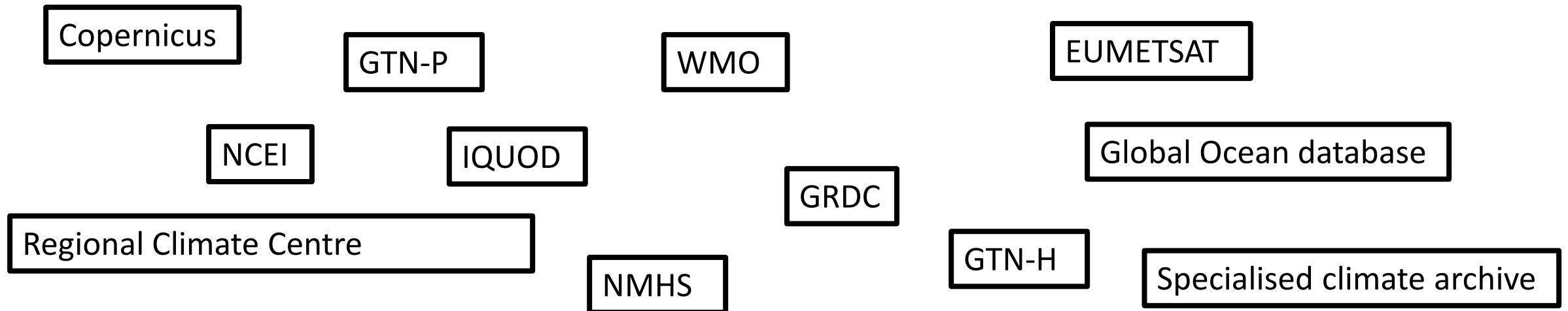
CPG Climate Data Centres (D1 IP Action)

Background

Address GCOS IP Action D1: Define governance and requirements for Global Climate Data Centres including draft requirements for the activities of Global Climate Data Centres and identify the relevant internationally agreed standards.

Background Material:

- Example principles of data management (WMO WIS principles & CoreTrustSeal)



Summary of discussion and points raised

- Not all data centres perform the full range of functions (CoreTrustSeal requirements).
For example; some curate for in-house use but do not preserve; some own and curate the data they distribute; others only preserve and distribute but do not own or steward the data. The functions performed depend on their purpose, resources, and history. Some data centres serve a single ECV, others serve many ECVs.
- A few data centres represented in the group have been CoreTrustSeal certified. Some concern was expressed whether all eligible data centres would have the resources to get certified.
- Several different types of ‘certification’ (CoreTrustSeal, WMO Maturity Matrix, WMO DCDP, Operational Service). Many only involve following guidance, no assessment.
- No specific ‘gaps’ were raised. Interoperability and usability of the data was discussed. Also it is not just about data access and preservation but technical/scientific expertise/tools to help the use on the use/interpretation of the data.
- Discussed the use of the term data-repository rather than data-center. (D2 Action: Every ECV has a recognized data-center – Every ECV is accessible through a GCOS acknowledged repository(s).
- We won’t just work with ‘global’ data-centers, also regional/national data-centers for some ECVs.

Proposed next steps (workplan)

- Using the CoreTrustSeal requirements/process is a good way forward.
- CoreTrustSeal is mandatory for the World Data System and is 'under' ISC.
- NCEI will make available their CoreTrustSeal assessments to the CPG. (4 examples).
- Several 'centres' (GTN-H; GTN-P; GPCC; Stephen Kern; Climate Data Store) agreed to undergo a self-assessment using the CoreTrustSeal requirements/process.

- Arrange an on-line presentation from the World Data System to the CPG.
- Arrange an on-line meeting of CPG to discuss progress of 'self-assessment'.