

ET CDMS Work Plan Nov 2014 – Nov 2015

N°	Description	Responsible person and deadline
Refine CDMS Specifications		
1	<p>a) Develop CDMS user stories (priority given to mandatory and recommended functions) to support the development of CDMS use cases in order to i) better define CDMS user requirements, (ii) assist CDMS developers in better understanding user requirements and (iii) to provide a way to test whether developed software meets the requirements.</p> <p>b) Review the CDMS Specification publication while defining user stories. List any issues, including identified ambiguities, in the ET CDMS wiki (issue tracker; cf. action n° 4 below)</p>	<p>D. Stuber, R. Sebbari, J. Boekhoudt for CDMS climate data management component</p> <p>H. Veiga, A. Xiong for CDMS data analysis component</p> <p>R. Sebbari, S. Palmer, B. Bannerman for CDMS data presentation component</p> <p>B. Bannerman, S. Palmer, H. Veiga for CDMS data delivery services component</p> <p>S. Palmer, J. Boekhoudt, D. Stuber for CDMS core IT-infrastructure component</p> <p>Notes: (1) CDMS time-series climate data component and CDMS governance component to be cross-referenced by each group above; (2) Deadline for all groups: 30 April 2015</p>
2	Develop a business case to attract funding for the development of CDMS use cases and process descriptions	B. Bannerman , S. Palmer, D. Stuber by 31 March 2015
3	Develop an ET CDMS discussion paper (two pager) ‘Sustainability of the global climate record’; paper to serve as the team’s vision accompanying its annual work plans for the current intersessional period (and beyond)	B. Bannerman by 31 January 2015
Uptake of CDMS Specifications		
4	Set up two e-mail lists (ccl-cdms-nmhs@wmo.int for official WMO Members and wmo-cdms-discuss@wmo.int for the public) for supporting the uptake of the CDMS Specifications, and an ET CDMS wiki to support the ET’s work	S. Foreman/P. Hechler by 31 January 2015
5	Complete the e-mail list ccl-cdms-nmhs@wmo.int and draft an initiation e-mail to be circulated among ET members for comments	D. Stuber by 28 February 2015
6	Draft an initiation e-mail for the e-mail list wmo-cdms-discuss@wmo.int and invite self-registrations; draft to be circulated among ET members for comments	R. Sebbari by 28 February 2015
7	Develop a discussion paper on how to implement a CDMS Compliance Registry with WMO CDMS Specifications (consider a CDMS developers’ self- assessment via template, to be backed by an open discussion by e-mail list wmo-cdms-discuss@wmo.int, and periodic review)	S. Palmer , D. Stuber by 31 January 2015

8	Encourage the uptake of the CDMS Specifications by open source CDMS developers	B. Bannerman for CliDE; S. Palmer for CLIMSOFT; N. Ravalitera for MCH
Collaboration with IPET-MDRD		
9	Collaborate with IPET-MDRD, specifically on (i) OGC WaterML2 Part 1 – Timeseries (OGC #10-126r4) and (ii) GML application schema on WIGOS metadata	B. Bannerman , D. Stuber, R. Sebbari, H. Veiga, S. Palmer
Further actions		
10	Update CDMS-related WMO Webpages: a) replace the list of evaluated CDMSs by appropriate text highlighting that work is under progress to set up a CDMS compliance register re CDMS Specifications; keep the 2002 CDMS evaluation report and provide text on history context; b) Ensure consistent use of the notion 'Climate Data Management System' (instead Climate Database Management System) on WMO Webpages and when updating WMO documents and pamphlets	P. Hechler by 31 January 2015
11	Inform the Association of the Hydro-Meteorological Equipment Industry (HMEI) of the CDMS Specifications and encourage information modeling for CDMSs and AWSs to ensure efficient data interfaces	S. Palmer by 31 March 2015
12	Add a section to the CDMS Specifications publication on required/recommended/optional documentation and services to be provided by a CDMS developer/retailer, when selling or implementing a CDMS	B. Bannerman , D. Stuber for next CDMS Specifications revision
13	Develop a discussion paper on opportunities and constraints for using cloud computing in NMHS (climate) data management	S. Palmer by 31 March 2015
14	ET members to provide names of experts for CLIMSOFT, CliDE and MCH to serve as trainers and trouble shooter for NMHSs in need	ET CDMS members to inform P. Hechler; no deadline
15	Ensure that all GCOS Essential Climate Variables (ECV) will be included and defined in the update of the International Meteorological Vocabulary (WMO n° 182)	P. Hechler , S. Foreman ; no deadline
16	Consider arranging the next meeting of ET CDMS in November 2015 (subject to availability of funds)	P. Hechler by 30 June 2015