

WORLD METEOROLOGICAL ORGANIZATION

OpenCDMS Project Advisory Team,
10 February 2021, 14:00 – 16:30 Geneva time

Original: English

Agenda:

1. *Opening and adoption of notes from previous OpenCDMS meeting*
2. *OpenCDMS communication: Next steps*
3. *Activities in 2021 (ACP project and OpenCDMS Reference Implementation)*
4. *OpenCDMS Risk Register*
5. *AoB*
6. *Date of next meeting and closure*

Participants:

<i>Ms Etna Cervantes</i>	<i>Mr Samuel Machua</i>	<i>Mr Nirina Ravalitera</i>
<i>Mr Eduardo Porras</i>	<i>Mr Marcellin Habimana</i>	<i>Mr Peer Hechler</i>
<i>Mr Steve Palmer</i>	<i>Mr Jose Guijarro</i>	<i>Mr Vasko Stojov</i>
<i>Ms Karen McCourt</i>	<i>Mr Denis Stuber</i>	<i>Mr Angel Luis Aldana</i>
<i>Mr Ian Edwards</i>	<i>Mr William Wright</i>	<i>Mr Danny Parsons</i>
<i>Mr David Stern</i>		

Notes (actions and key agreements highlighted in **bold**):

Opening and adoption of notes from previous OpenCDMS meeting

The meeting was opened by Peer; the notes from the previous meeting as well as the draft agenda were adopted by the team.

OpenCDMS communication: Next steps

Karen introduced the current version of the OpenCDMS communications plan. **The team discussed few additions and agreed with the updated version** (https://metoffice.sharepoint.com/:w:/r/sites/wmoopencdmsex/ layouts/15/Doc.aspx?sourcedoc=%7B0FC593A8-4CBA-47EE-8F00-720D80FE1B43%7D&file=210215_Comms%20planning%20OpenCDMS_updated_v3.docx&action=default&mobileredirect=true) **with the understanding that this is a living document, which requires regular monitoring and further development.** A couple of specific actions resulted from the discussion, which are reflected in the communications plan and are repeated here for convenience:

- *Promote OpenCDMS among WMO Technical Commissions' Standing Committees and Expert/Task Teams, as appropriate (Denis informed of his presentation to SC-CLI in January 2021).*
- *Promote OpenCDMS among relevant staff of the Secretariat's Member Services Department and, thereafter, among staff of WMO Regional Offices (the latter to ensure that OpenCDMS is promoted at Regional Associations level, as appropriate).*
- *Consider a phased approach for communication with CDMS developers: Start with Climsoft, MCH, CliDE first; reach out to other community CDMSs' developers (CLIDATA, CLIWARE, CLDB, CLISYS etc) in a second step; consider single national CDMS solutions of powerful Members in a third step.*

William, in close consultation with Jeremy, to explore prospects of nominating an INFCOM representative to the Project Management Committee (PMC) (Jeremy is currently serving as INFCOM as well as OpenWIS Association representative; ET-IM may be a good starting point for discussions to identify an INFCOM representative).

Peer to circulate dates of RA sessions.

Peer to share draft document 5.1.3(3) – INFCOM-1(III) ‘Recommendation on modernization of climate data: OpenCDMS project’ upon first draft completion by relevant Secretariat staff.

Nirina, Vasko and Angel to provide to Karen one FAQ including answer to highlight the importance of OpenCDMS for hydrology.

The team agreed to publish the FAQ on the OpenCDMS Website. The team may reach out to other domains including marine community to promote OpenCDMS and reflect potential collaboration benefits on the FAQ site, as appropriate. The team noted that the contact email address provided in the FAQ is currently monitored by Ian. This solution may need to be revisited should the number of contacts increase significantly.

Ian re-circulated his OpenCDMS 2020 report. Its content will be used to update the OpenCDMS Website by 1 April 2021 (prior to INFCOM session). This version of the Website will focus on content rather than layout (to be considered later).

Activities in 2021 (ACP project and OpenCDMS Reference Implementation)

Ian discussed his suggestions for OpenCDMS evolution in 2021 and beyond (.ppts shared), which can be summarised as follows:

- Distinguish between two strands of activities: ACP 2.4 (OpenCDMS support to existing CDMSs) and OpenCDMS Reference Implementation/prototype/implementation,
- PAT members to serve as subject matter experts to contribute to the establishment of the OpenCDMS requirements (use cases, functional requirements, acceptance tests) for both activity strands. If needed, a (senior) business analyst must be engaged to ensure proper establishment of OpenCDMS requirements for the OpenCDMS Reference Implementation (to be decided mid 2021 based on progress so far),
- Creation of an OpenCDMS test database from provided Met Office MIDAS data and making test data available online (as PostgreSQL / TimeseriesDB service),
- Development of OpenCDMS user stories, functional requirements and acceptance tests for capabilities,
- Implementation of OpenCDMS Core, including a local Application Database for user management and authentication,
- Initial OpenCDMS user interface created, including an initial Web API and demonstration of the potential for implementing reusable W3C web components.
- Advancing the development of the OpenCDMS (next-generation) data model.

Denis to collaborate with Ian re OpenCDMS user stories developed by previous ET-CDMS.

William stressed the need to consider the outcome of ACP 2.4.1 user recommendations in OpenCDMS development (both activity strands).

The team noted that the OpenCDMS project is implemented with high ambitions and conducted with (very) limited resources (and with the intention to address the resource challenge by an open source development strategy). Current OpenCDMS milestone planning is aligned to the availability of resources. (Additional) resource needs to facilitate delivery of Congress 2023

deliverables, however, need to be spelled out clearly and as soon as possible to allow for mitigation measures.

Peer informed of the draft WMO-MetOffice LoA to cover Ian's above work for 2021 and of a WMO vacancy note for a scientific officer (climate data management) in the Secretariat's WIS Branch to support -beyond other activities- OpenCDMS from WMO infrastructure/technical perspective.

OpenCDMS Risk Register

(Agenda item withdrawn due to time constraints; item to be included in one of the following PAT meetings)

AoB

(Agenda item withdrawn due to time constraints)

Date of next meeting and closure

The next meeting will be held on **Wednesday, 10 March 2021, 14:00 – 16:00 Geneva time**. Agenda and documents to be circulated at least ten days before the meeting to allow for (written) input from PAT members.