12th ACCORD LTM meeting

**Tuesday 01 October 2024,
16h30 - 17h30 CEST
Praha & online**

Minutes

In Praha - Remotely
Excused/represented
Absent

Country	NMS	LTM	representative
ALGERIA	ONM	Mohamed Mokhtari	
AUSTRIA	GeoSphere Austria	Christoph Wittmann	Clemens Wastl
BELGIUM	RMI	Alex Deckmyn	
BULGARIA	NIMH	Boryana Tsenova	
CROATIA	DHMZ	Antonio Stanesic	
CZECH REP	CHMI	Radmila Brožková	
DENMARK	DMI	Tommaso Benacchio	
ESTONIA	ESTEA	Ivar Ansper	
FINLAND	FMI	Reima Eresmaa	Ekaterina Kourzeneva
FRANCE	MF	Cécile Loo	
HUNGARY	HMS	Gabriella Szépszó	
ICELAND	IMO	Guðrún Nína Petersen	
IRELAND	Met Eireann	Saji Varghese	Eoin Whelan
LITHUANIA	LHMS	Rimvydas Jasinskas	
MOROCCO	DGM	Siham Sbii	Baddredine Alaoui
NETHERLANDS	KNMI	Wim de Rooij	
NORWAY	MET Norway	Jørn Kristiansen	
POLAND	IMGW-PIB	Piotr Sekula	
PORTUGAL	IPMA	Maria Monteiro	
ROMANIA	NMA	Alexandra Craciun	Raluca Pomaga
SLOVAKIA	SHMU	Maria Derkova	
SLOVENIA	ARSO	Jure Cedilnik	
SPAIN	AEMET	Javier Calvo	

SWEDEN	SMHI	Jelena Bojarova	
TUNISIA	INM	Wafa Khalfaoui	
TURKEY	TSMS	Yelis Cengiz	

Claude Fischer (PM), Anne-Lise Dhomps (CSS)

Opening and adoption of agenda (CNA)

0	Opening and adoption of agenda	CNA
1	Introduction of new LTMs	CNA
2	Info by CSS	
2.1	*RWP2025*	PM/CSS
2.2	*CMR*	
2.3	*DAP2024 follow-up & DAP2025*	
3	Update on cycles & "export version"	PM/MF
4	MF operational changes	French LTM/CNA
5	A.O.B.	CNA
6	Next meeting(s)	CNA

Due to technical issues, the meeting began at 17:00.

1. Introduction of new LTMs (CNA)

None

2. Support Team information

Claude informed the LTMs on the RWP2025, the CMR, as well as the DAP2024 and DAP2025.

- **RWP2025**
    - Last adaptations in the beginning of September: MQA5 ("MQA-infrastructure") and a new task COM2.T.8 (impact of ML tools in NWP workflow)
    - LTMs are invited to fill their Commitments by about 8 October

Eoin: I was wondering about MQA3 and MQA4 ? What is the difference with the old MQA3 ? Do they both count for CEpQA ?
Claude: the old MQA3, Verification, evaluation and error attribution *is now split into MQA3* Model validation and error attribution *and MQA4* Verification of operational forecasts and user interaction. *They both count for CEPQA.*

Tommaso: The deadline changed, didn't it?
Anne-Lise: yes. A few of you haven't registered their commitments yet, so you have time to go back to them after EWGLAM and finalize them.

Wim: we did a bit of a mess in the commitment file columns K to S.
Anne-Lise: We already had this discussion during the coffee break at EWGLAM. It doesn't matter so much. I will settle things right before the import in the RWP, but in the future I will hide those columns.

- ***Common Manpower Register (CMR)***
  - CMR, secure link: https://www.umr-cnrm.fr/accord/meshtml/CMR/index.html
  - It's time to register the figures for 2024/Q3 !
  - DEODE phase 2 funded manpower for the ACCORD CMR: 9.1, 9.3, 10 (fully), 11.1 and 11.2

LTM question: Where should we report the work done under DEODE ? ML ? MQA ? EPS ?
Claude: It will depend on the work done. The DEODE work should match the ACCORD activities. As LTMs, you should be aware of what people in your team are working on when they're working for DEODE, and you should be aware of the ACCORD RWP.
We furthermore have a list of DEODE WPs "eligible" for ACCORD manpower registration.
Jelena: Are those the only DEODE WPs allowed ?
Claude: Yes. They have been discussed in STAC and then validated by the Assembly.

Jelena: What about the registration of manpower on ML work ?
Radmila: ML tasks can be problematic to register. Only work that eventually enters the common codes can be declared.
Claude: We already have ML work in the RWP, in combination with our current NWP systems. We probably currently are in a grey zone here: ML tools will not systematically enter the IAL codes, and perhaps not even be accessible in any other way than by an external but openly accessible repo (i.e. not the ACCORD forge).
We cannot open a discussion about this now and we won't solve the question at the level of an LTM meeting. I do take note and I'll bring it to the STAC.
Radmila: It's also a political question as the CMR generates the voting rights associated with the shared IPR on the common codes.
Jelena: if we need approval for some DEODE WPs, what about other external projects that also have ML tasks ? Do we need approval as well ?
For instance in DA, there is some AI/ML.
Claude: yes, in the RWP we have ML work especially in DA and EPS. For the reporting, LTMs should make sure they provide a short but clear phrasing of the ML work and provide the appropriate reference from the RWP (WP and task). Explain well how the work fits the development of hybrid ML-NWP with an explanation of how it can be used for ACCORD configurations.
Then myself and the MG will check it.
Otherwise, for DEODE and any other external project on data driven models, we first need to bring the question up at the level of our ACCORD Committees and of the Assembly.

Claude: *We will add to the minutes of this LTM meeting the main correspondence between DEODE WPs of phase 2 and the ACCORD RWP2024, as approved by the Assembly on 3 July. [Note: see [Appendix](#)]*

- **DAP2024 follow-up**
  - Please regularly update the follow-up file with your information; reminder of link: 📄 ACCORD_DAP2024_follow-up

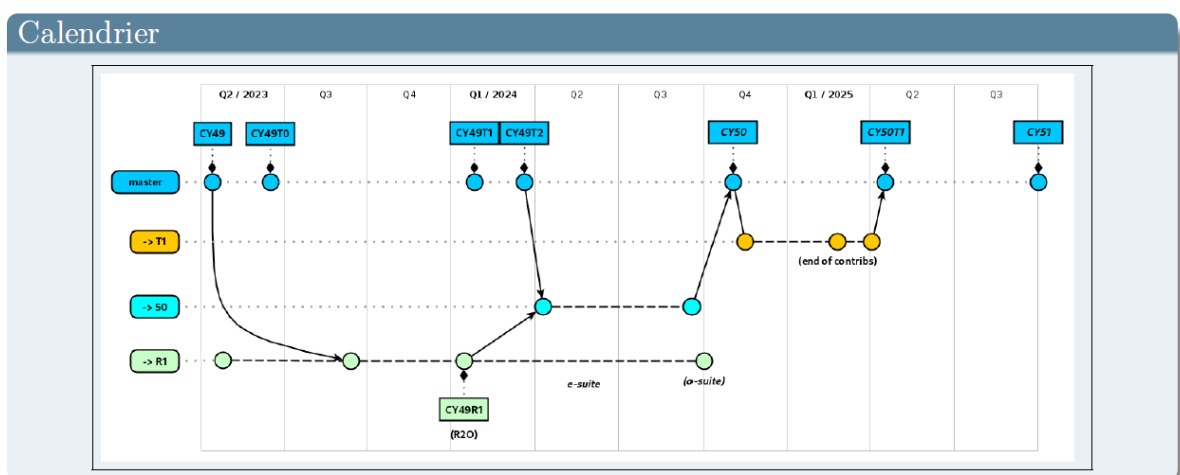Mariska opened the floor for comments/questions but no comment on this section.

- **DAP2025**
  - New procedure for proposing actions (email 18 June & 1h slot for questions 21 June) 📄 DAP form informations
  - Call open to make proposals and fill in this form:
  - https://framaforms.org/form-for-dap-proposal-list-1-of-2025-1720535382
  - DL for proposals: 8 October
  - Reminder: the general guidelines for the DAP actions are in the wiki: https://opensource.umr-cnrm.fr/projects/accord/wiki/Budget

Mariska opened the floor for comments/questions but no comment on this section.

3. Update on cycles & "export version"

Claude presented the information by the Integration Leader Alexandre Mary.

CY50T1
- Call for contributions : **01/11/2024 → 01/03/2025**
- No SURFEX contributions : frozen for V9 merge and externalisation
- WATCH (subscribe to notifications) the repo to comment/review Pull Requests
- CY50T2 dedicated to externalisations ? FA, Surfex, Phyex ? (in parallel to ecRad in CY50R1)

The SURFEX contribution will from now on be directly in the SURFEX repository. To technically organize the change from the IAL repo to the SURFEX repo (both under GITHUB), the SURFEX version will be frozen in CY50T1 in the IAL repo.

Alexandre will be soliciting people for comments and reviews.

> **CY51**
> - Spring/summer 2025
> - Renew "phasing visits" ⇒ Phasing Working Week
>   At least 1 participant/CSC, ideally 5-6ppl?
>   Code phasing, debugging, technical validation...

Discussion opened by Mariska:

Regarding the export version based on CY48T3, **Mariska** *thanked Alexandre for finishing the effort on this export version. This is really appreciated work by MF and the Integration Leader.*

Radmila: *will codes that have been externalized be removed from the IAL repo ?*

Claude: *yes, instead people will have to use the bundling tool to gather the building blocks. The correct references from within each repo will be provided by the bundling tool as well.*

Radmila: *What about the externalization of FA ? What is the purpose of it ?*

Claude: *it is now easier to import in other software, and also easier to test and maintain it.*

Radmila: *We now have a bunch of external tools that are using FA/xrd routines, so maybe we will have to discuss with Alexandre about how we should use them.*

Mariska: *What about using the format of a WW ? If so, should we use the DAP form for proposing a Phasing Working Week ?*

Claude: *Yes, so we can have an idea of the people and the teams who are interested, and check this information when we will analyze the DAP proposals in MG.*

Katya: *Can we then have more information about the Phasing WW, and how ?*

Claude: *We will discuss the idea of making a Phasing WW anyway in MG. Then we'll reach out to the teams.*

Piotr: *on which computer would phasing work be done ? ECMWF ?*

Claude: *ECMWF and MF probably.*

Piotr: *but we may not have access to ECMWF resources.*

Claude: *We have the possibility to give you access through the* **SPFRACCO** *Special Project, which precisely has as a main goal to offer ACCORD MWF resources for joint work on new code versions.* **SPFRACCO** *also enables us to ask for users and access for staff from non-Member States.*

Piotr: *What about some phasing visit in Toulouse ?*

Claude: *You can propose it for the DAP and we will discuss it.*

We however really need to propose an organization of phasing which enables a more open participation, online with ECMWF (or MF) machines. Not just an in situ participation.

Piotr: *for newcomers it could be useful training, as it has been experienced in the past.*
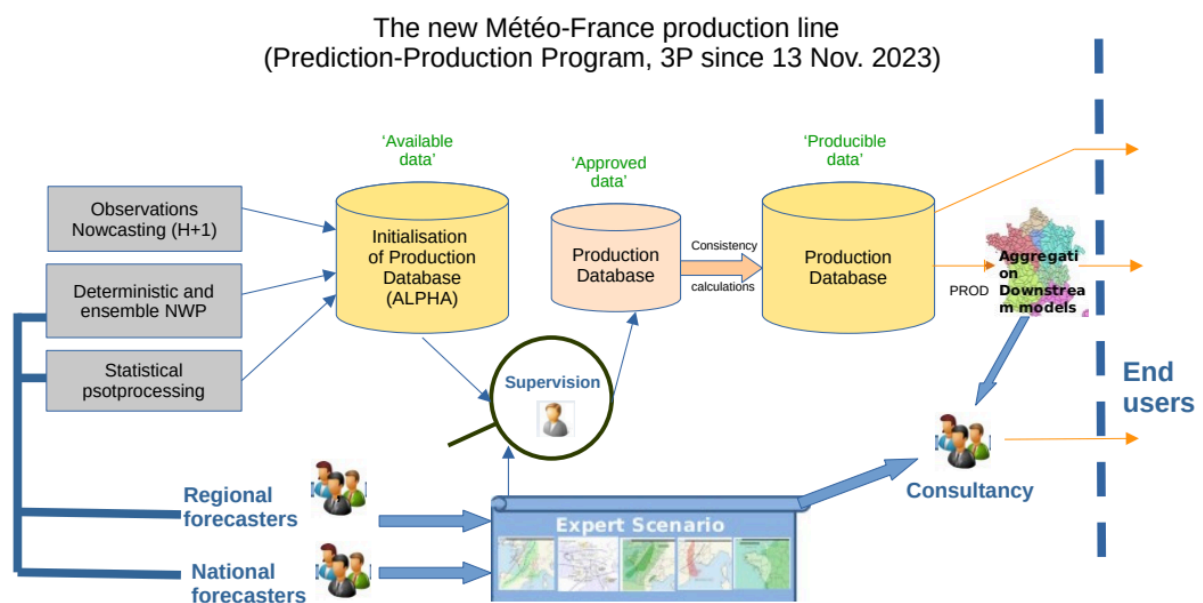
4. MF operational changes in e-suite (Cy48t1 & Cy49t1)

Cécile reminded that she presented a poster on the content and the schedule of the current and upcoming e-suites.
https://ecloud.chmi.cz/s/xHqN45WSxddbyKf?dir=undefined&path=%2FMonday%2FPosters&openfile=461235
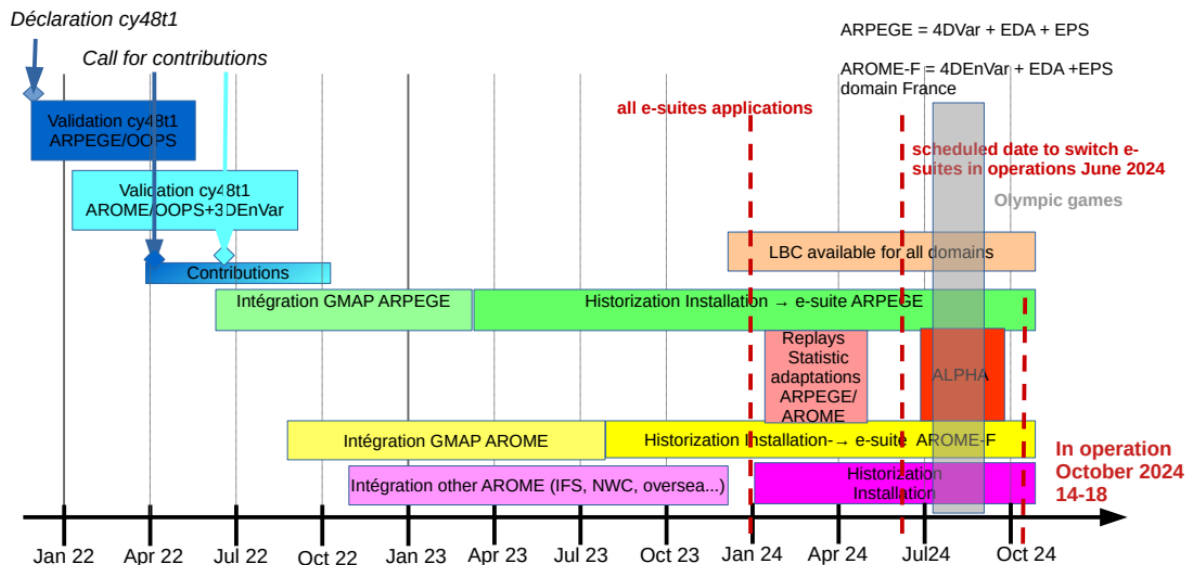
- ***Schedule of Cy48t1 e-suite now very close to be operational***

LBCs based on the e-suite have been provided to the partners during several months, in parallel to the operational LBCs.

New component to be considered : ALPHA

The new Météo-France production line
(Prediction-Production Program, 3P since 13 Nov. 2023)

Timeline of the Cy48t1 e-suite

About Arpège LBCs

MF wants now to systematically provide all ACCORD partners an LBC e-suite during the MF e-suite (that is LBC from e-suite Arpege data).

With this new approach, partners will be provided with LBCs during several months in parallel of the operational LBC:

- hourly outputs until 102h lead time for 00Z and 18Z ; until 54h for 06Z and 12Z (these values in the e-suite context!);
- all assimilation runs provided like from the operational e-suite
- LBC access through the ftp site ftpr-pro-int.meteo.fr
- same delivery time in real time by December 2023
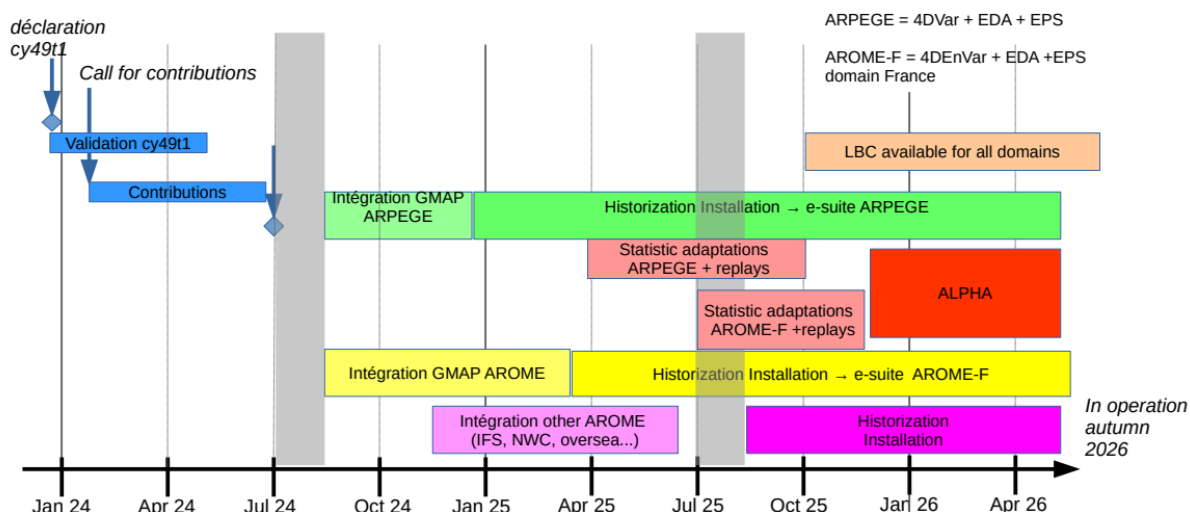- the switch from e-suite to operations is currently scheduled for 14-18 October 2024

Radmila: *What will change for us in two weeks ? What will be available ?*
Cécile: *we will send you an* ==email== *with details but after the operational switch of the cy48t1 e-suite (confirmed between 14 and 18 October), LBC files for all domains will be available up to 102h (with hourly step) for the four networks, as it is done in the current operational version.*
[post-meeting ==note==: *the email was sent by Cécile on Thursday 10 October]*

- Planning for the next e-suite in Cy49t1

No more questions, comments.

5. A.O.B.

Claude listed a few AOBs:
- All Staff Workshop 2025: 7-11 April 2025 in Zalakaros upon invitation by HungaroMet (2,5h bus distance from Budapest)
- From Eric Escalière: "Please inform your colleagues who have a ssh access (wab-calcul) to Météo-France, that they will need to fill in, sign and return to me the two forms which are available on the ACCORD site (http://www.accord-nwp.org/?Access-to-Meteo-France-machines). [...]" (refer to his email from 24 Sept to LTMs)
- Deadline for Autumn Newsletter: 20 November

Anne-Lise precised that for the MF HPC remote access, there are now 2 forms. One for general access to MF machines, and another one to list specifically which machines, with usernames and access protocols if there are any changes. Both are on the ACCORD website in the section Communication/Access to MF machines.

6. Next meeting(s)

Claude will make a poll for a 1h30 online meeting between 20 and 31 January 2025.

The draft agenda (*To be confirmed*) would be on the wrap-up on DAP2025 (opening of List2 proposals), a debrief on the preparation of the ACCORD strategy and MoU2, and more regular business such as to register for the ASW2025 before the DL (February); etc.

Mariska apologized for the technical issues that delayed the beginning of the meeting and closed the meeting at 18:00.

APPENDIX: Correspondence between DEODE WPs of phase 2 and the ACCORD RWP2024, as approved by the Assembly on 3 July.

DEODE phase 2 WP	ACCORD RWP2024
WP9.1	COM3.1
WP9.3	MQA3
WP10	pending on the precise work committed by a partner in DEODE, this could be either in CRA (formerly SPTR), or DYN, or PHYS, or SURF
WP11.1	E12 (regarding LBCs) otherwise E9 (model perturbations)
WP11.2	E6 (calibration/post-processing)