

Minutes

Present

Remotely

Excused/represented

Absent

Country	NMS	LTM	Name of the traveler funded by ACCORD, generally the LTM
ALGERIA	ONM	Mohamed Mokhtari	
AUSTRIA	GeoSphere Austria	Christoph Wittmann	
BELGIUM	RMI	Alex Deckmyn	
BULGARIA	NIMH	Boryana Tsenova	
CROATIA	DHMZ	Antonio Stanesic	Endi Keresturi
CZECH REP	CHMI	Radmila Brožková	
DENMARK	DMI	Tommaso Benacchio	
ESTONIA	ESTE A	Ivar Ansper	Lerner-Vilu Alina
FINLAND	FMI	Reima Eresmaa	
FRANCE	MF	François Bouyssel Cécile Loo	
HUNGARY	HMS	Gabriella Szépszó	
ICELAND	IMO	Guðrún Nína Petersen	
IRELAND	Met Eireann	Saji Varghese	
LITHUANIA	LHMS	Rimvydas Jasinskas	
MOROCCO	DGM	Siham Sbi	Fatima Hdidou
NETHERLANDS	KNMI	Wim de Rooij	
NORWAY	MET Norway	Jørn Kristiansen	
POLAND	IMGW-PIB	Piotr Sekula	Gabriel Stachura
PORTUGAL	IPMA	Maria Monteiro	
ROMANIA	NMA	Alexandra Craciun	
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	Update on the preparation of the scientific strategy for the next phase of ACCORD	PM	
3	Update on cycles & "export version"	PM	
4	Update on DEODE Phase 2	PM	
5	Info by CSS	CSS	
6	ASW2025	PM	
7	A.O.B.	CNA	
8	Next meeting(s)	CNA	

1. Introduction of new LTMs (CNA)

Mariska introduced Cécile Loo who will be the French LTM from 1 May on. She also welcomed François Bouyssel who attended this meeting.

2. Update on the preparation of the scientific strategy

Claude presented an update on the preparation of the strategy.

1. TTs are working now and until the beginning of May.
2. HLQ questionnaire. The ACCORD Bureau agreed with a very stepwise approach (upon a proposal by the PM).
 - a. As the reformulated high level questions contain a significant level of technical issues, the set of HLQs is first handed over to the five thematic TTs and to the Strategy workshop.
 - b. The Bureau will analyze the outcome and the way forward regarding the HLQ.
 - c. As a concrete consequence: no questionnaire will be sent to the partners in the short term.

Mariska thanked Claude and opened the floor for LTMs.

No comments

3. Update on cycles and “old-style export version”

Claude explained the actions taken up since the last LTM meeting, regarding the potential preparation of an “old style” export version of a recent code version for deployment (“old style” = following the former Aladin practices mostly).

- Following the discussion in the LTM meeting of 14 February, actions have been taken.
- Specific coordination meetings have been organized.
- The issue of the transition to OOPS (to using OOPS binaries) has arisen.
- Some technical discussions will take place during the ASW. Current technical proposal is to use CY48T3, see slide by Alexandre in the Code & System plenary session.
- Further actions will be planned.
- Another point of information will be given on 29 April.
- Perhaps a dedicated meeting will be organized for those teams interested in an “old-style” export version after the 29 April.
- This might be the last such action as we want to continue explore new working methods for distributing the codes

Mariska thanked MF for being responsive since the last LTM meeting.

Claude added that this particular export version on CY48T3 might well be the last one to be prepared following the “old style” working practices on export versions (i.e. from the former ALADIN times). This method assumes that MF makes some DA experiments in their own environment to produce basic QA results (basic statistical scores to show no problem or no regression in meteorological performance of a new code version). Currently we are brainstorming in a small committee at ACCORD level on how to propose an evolution of the deployment methodology, and this is also related to ideas such as an end-to-end system or a common ACCORD system.

Radmila: Agreed that to validate completely a new cycle is a lot of work.

Radmila also pointed out the difficulty for developers to read and understand the new code structures from the refactoring.

Claude confirmed refactoring is code intrusive. We also need to take into account the increase of complexity of the whole code handling chain (compile tools, DSL etc.) and the fact that we deal more and more with codes developed in a variety of programming languages.

Radmila expressed her discomfort with this increase of complexity. Cannot we set standards ?

Jelena and Claude pointed out that in the end we're a very small community within the world of scientific programming. The community of developers from the environmental modelling domain who are still coding in FORTRAN is small and getting smaller.

Radmila insisted that nevertheless we should have more explanations or tutorials on the evolution of the codes. For instance, what's the reason for the .FYPP files and how should one use them effectively ?

Claude agreed that at this level, we should be able to propose more tutorials or information for the teams in ACCORD. He suggested first bringing such questions up at the next System side meeting (on Thursday) and it could be an item for the Strategy preparation.

Claude: on the same kind of idea, the transition to OOPS could be one topic of the Code and System side-meeting.

For instance, for OOPS, there is the idea that a team but not MF, could make the testing, and describe the process, the main changes, the differences of the results with respect to the MASTERODB binary ... To be checked with Beni later in the week. We were considering that perhaps the team in Geosphere Austria could make some OOPS/MASTERODB comparative testing.

Christoph said tests are ongoing at Geosphere, but it is not yet decided how far we will go.

Radmila: in CHMI we were thinking about testing it on Belenos first (i.e. the MF computer, where the first tests had been made).

Mariska: The point of asking another team to test OOPS binaries and compare them with MASTERODB was precisely to repeat this comparison on a different platform than in MF.

Jelena: In SMHI we have more experience on the ECMWF ATOS but I do not know how carefully the OOPS/MASTERODB testing has been performed.

Jelena: Why is the target cycle CY48T3 ?

Claude: CY48T3 is the last cycle where MASTERODB and OOPS binaries with 3DVAR can be run and tested in parallel in MF. So they would do that over a given similar period of a few weeks.

Radmila: Repeated how difficult it is for the teams to read and handle the new codes because of the whole refactoring. We need some more support.

Claude: confirmed that we should also check how to deal with the request for information or tutorials on the new code structures. We will check with Daan and Daniel.

Mariska: Today we just wanted to explain to the interested LTMs that we did not forget or ignore the issue raised at the last meeting (export version issue) and the action taken by the PM with the CNA has been started. More discussions will happen at the System and Code side meeting. Another update on the status and the planning regarding the CY48T3 export version will be made at the next LTM meeting on 29 April.

4. Update on DEODE Phase 2

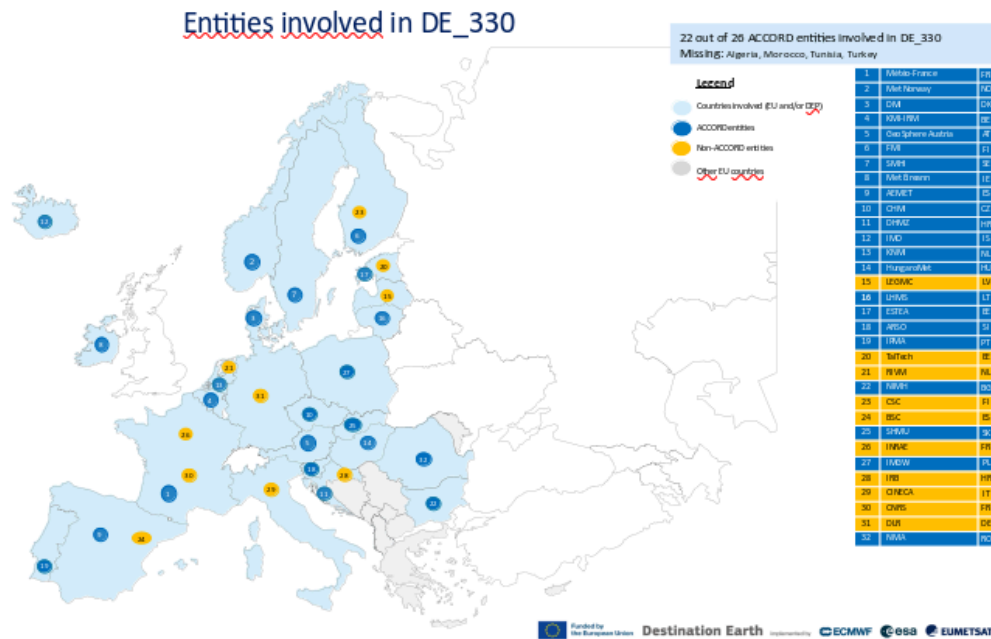
Claude presented the last update on DEODE with some more details than in the Opening Session this morning.

- Phase 1 will end on 30 April 2024, and will be immediately followed by Phase 2 (24 months)
- The DEODE teams submitted their proposal on 18 December. The negotiation phase ended in March.
- There will be no new Agreement, Phase 2 will be organized by an amendment to the ECMWF/MF Agreement of Phase 1
- End of March - April: final checks across partners and with ECMWF, signing of the

- amendment to the ECMWF/MF Agreement
- to be followed at MF by working on the subcontracts with the DEODE partners - the timeline will be explained by the MF Project Officer to each subcontractor

DestinE Phase 2 expected partners

22 out of 26 ACCORD entities involved in DE_330
 Except: Algeria, Morocco, Tunisia, Turkey



Comment from Wim de Rooij in the chat:

“but DEODE is not research. Which is needed for high resolution”

Radmila: We had discussions when preparing phase two, and we were told to not put too much effort on the scientific part.

DEODE might ask ACCORD to provide the scientific research that is needed. Where is the balance between research/application, between ACCORD/DEODE ?

Wim: the money in DEODE is not enough, it even decreases. We have to do research, but as there is not enough money in DEODE, it does not take into account the whole research. So within the ACCORD goals, we in the end have to provide the research for DEODE.

Claude: confirmed that nevertheless there is some research funded in DEODE phase 2, and like in phase 1, a fraction of the activity in DEODE also feeds the ACCORD work plans. There however is no one-to-one relation between the two work plans. The research done only in ACCORD primarily serves ACCORD. DEODE comes as an extra that should ideally help accelerate some of the ACCORD research (this can be seen as an opportunity, or as a risk if one considers that the DEODE goals can bias the ACCORD priorities).

Besides this, there also is activity funded in DEODE which has no counterpart in ACCORD, and which does not serve ACCORD. For instance operationalization of the Digital Twins. And then indeed, some of these DEODE-specific goals get a higher priority in phase 2.

Radmila commented that ACCORD shall get more visibility in DEODE because without

ACCORD it would not exist.

Jelena: It is not ACCORD who provides research, it's the NMSs who provide the research, and the goals can align with ACCORD. European funds for research exist, and those mostly are in the Horizon Europe Calls. So one should look more at these Calls. Can ACCORD be used for this somehow ? E.g. to find a forum where such information about Calls could be shared.

Claude: ACCORD could serve as a forum. However in the end it will be up to a member to become proactive and look after other interested ACCORD partners and become the leader in a Horizon Europe Project proposal. ACCORD could be used as a kind of facilitator.

Claude suggested closing this DEODE discussion for now.

5. Information by CSS (Anne-Lise): Manpower

- Thank you for all the interactions I've had with you since I arrived.
- It is time to register your manpower for the first quarter of 2024 !
Be careful, some work packages have changed:
 - Big change for DA, PH with their new Area Leaders,
 - Less change for MQA, SU
 - Check the [RWP 2024](#)
- Take the opportunity to update your STAFF

About the communication around the WW, WD and scientific visits:

- MG members agreed to the proposal of producing a one-page summary after working weeks or working days.
- Since the last meeting I've received some reports from last year.
- Work in progress with the Documentation Officer to decide how we will organize this documentation.

6. ASW 2025

Claude recalled some basic facts regarding the organization of the All staff Workshop by any ACCORD member.

1. Organizational aspects:
 - the local host is supported by the ACCORD budget with 12 k€
 - about 100 in-person participants, as much registered remotely, sometimes about 90 persons connected at the same time
 - practical requirements: one plenary room and at least two by-side meeting rooms, reliable telecom device (including an excellent audio/sound device with several mics)
2. Suggested dates taking into account ramadhan 1-30 March, Easter 20-21 April, EGU 27 April – 2 May :
 - 7-11 April (option 1) or 31 March- 4 April

Claude invited the LTMs and their representatives to consider organizing the ASW in 2025, approach Anne-Lise and/or himself if you are considering it. We do not ask for a firm commitment at this stage, but are interested to hear about potential candidates. Claude

recalled that the first three Members who have hosted the ASW for ACCORD are Slovenia, Estonia and Sweden.

7. AOB

no AOB

8. Next meeting(s)

next LTM online meeting: 29 April 14-16 CEST;

meeting link :

<https://meteo.webex.com/meteo/j.php?MTID=m061a9688c1e56a710af590457a013151>

Mariska thanked the participants and closed the meeting at 17:45.