ACCORD
A Consortium for COnvection-scale modelling Research and Development

13th ACCORD LTM meeting

Thursday 06 February 2025,
14h00 - 15h30 CET
online

Minutes

Remotely
Excused/represented
Absent

Country	NMS	LTM	representative
ALGERIA	ONM	Mohamed Mokhtari	Walid Chikhi
AUSTRIA	GeoSphere Austria	Christoph Wittmann	Stephan Schneider
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	
FRANCE	MF	Cécile Loo	
HUNGARY	HMS	Gabriella Szépszó	
ICELAND	IMO	Guðrún Nína Petersen	
IRELAND	Met Eireann	Saji Varghese	
LITHUANIA	LHMS	Rimvydas Jasinskas	
MOROCCO	DGM	Siham Sbii	
NETHERLANDS	KNMI	Wim de Rooij	
NORWAY	MET Norway	Jørn Kristiansen	
POLAND	IMGW-PIB	Bogdan Bochenek	
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	
TÜRKIYE	TSMS	Yelis Cengiz	

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

Opening and adoption of agenda (CNA)

Mariska opened the meeting with 23 participants connected and presented the agenda.

0	Opening and adoption of agenda	CNA
1	Introduction of new LTMs	CNA
2	Info by CSS+PM	CSS/PM
2.1	*RWP2025*	
2.2	*CMR*	
2.3	*DAP2025*	
2.4	*ASW*	
3	Feedback from the 9th A/A (9 Dec 2024)	PM/CSS
3.1	*Overview of the procedure and the timeline for nominating the management positions; PM included*	
3.2	*Preparation of the next MoU: WG-MoU2, timing of next A/A meetings*	
3.3	*Request for updated information on CSCs*	
4	Feedback from the ACCORD Sys-AL technical visit to IPMA	Portuguese LTM
5	MF debrief	French LTM
5.1	*debrief on switch to operations of CY48 in MF*	
5.2	*debrief on access to the ftp-pro server of MF*	
6	A.O.B.	CNA
7	Next meeting(s) & closure	CNA

The agenda is unanimously adopted.

1. Introduction of new LTMs (CNA)

There are no new LTMs but Mariska welcomed back Bogdan as an LTM.

2. Info by CSS+PM

Mariska gave the floor to Claude and Anne-Lise to present news on the RWP2025, the Common Manpower Register, the next ASW and the DAP2025.

RWP2025

Claude thanked the LTMs who provided names of User Representatives in the past few months.
The MG organized a first online meeting with them on 13 February 2025 under the lead of Carl Fortelius (MQA/AL).

Common Manpower Register (CMR)

Anne-Lise thanked LTMs for their reporting on Q4/2024 and reminded that the next reporting will be on Q1/2025 in April.

ASW

Anne-Lise reminded LTMs that the first announcement to the ASW, including practical information, was sent on 28 January.
She emphasized that this year, the format will change a little:

- special **session for newcomers**.
- **Management Group Desk session** to give everyone the opportunity to meet management people.
- this year's presentations will be divided into:
    - **Plenary sessions** of general interest
    - and more **parallel sessions** with longer time for discussion on more specific topics, support and cross-cutting matters.

The registration is open until 20 February.

DAP2025

Anne-Lise reminded everyone that the official DAP2025 (“list1”) was sent to all partners on 27 January.
Anne-Lise explained that the call for proposals for “list2” is now open. Proposals should be provided via the online form until 15 April.

- for the open form: consider scientific visits only
- FYI: Working Weeks in preparation for “list2” where some participation with ACCORD support will be discussed in MG:
    - Physics Parameterizations
    - Technical code and system development : Davaï WW
    - Workflow analysis and discussion towards a more CI/CD approach
    - Surface Analysis and Modelling (ALARO/SURFEX)
    - Dynamics (Evolution and coordination of work done in ACCORD with ECMWF)
    - MQA-infrastructure
- group scientific visits on "CY51 validation"

General Information

- Newsletter 6 has been published online on 23 December

- Minutes of recent ACCORD meetings are available online: https://www.accord-nwp.org/
- Call for applications for the position of the Programme Manager open until 4 April

Mariska opened the floor for comments/questions.
No comments.

***Radmila**: What does the acronym CI/CD stand for, and what is the purpose of the CI/CD WW ?*
***Claude**: CI/CD means "Continuous Integration, Continuous Deployment", a popular and usual working practice in collaborative software development. In our community, we want to explore how ideas from CI/CD could help us to gain efficiency within the whole process of code integration, testing and making the code versions available to the ACCORD partners. The WW will address some ideas, to be discussed and tested then.*

***Radmila**: OK however this is a complex topic.*

***Claude**. Agree. We have to take up such action and investigate ways of improving. We regularly receive signals from Members and from developers, who find the time between the start of construction of a new code version, its declaration in the forge and eventually its first official announcement, too long. We have to find solutions and continue to improve on this.*

***Radmila**: At the ASW, we should discuss how to make the developers more familiar with the consequences of code refactoring on their preparation of code contributions, and how they should prepare their codes consistently with the effects of refactoring.*

***Claude**: We will take up your message and discuss in MG how to give an update on code refactoring and the consequences for developers.*
Related to that, we can welcome the good interaction between Jan Mašek and Philippe Marguinaud on the code optimization in ACRANEB2 (initiated actually by the request for reviewing from our Integration Leader).

***Tommaso**: Agreed on the importance of refactoring, also for the use of the codes in DEODE. Tommaso also pointed out that a key aspect in CI/CD was continuous testing.*

***Claude**: If anyone around the LTMs has a name of a person who could have the interest and the profile (the skills) to join the activity on improving our working methods, on addressing CI/CD aspects and developing tools on these items, please let us know in MG (contact myself, or Alexandre Mary or Daniel Santos).*

***Mariska**: I suggest we continue to talk about this in Zalakaros, in formal or informal discussions.*

3. Feedback from 9th A/A

Mariska gave the floor back to Claude to present some feedback from the last ACCORD Assembly (A/A).

Overview of the procedure and the timeline for nominating the management positions; PM included

The procedure and the timeline are in the minutes of the Assembly ; see section 12 “Transition between phase 1 and phase 2 of ACCORD”.

The Assembly decided that the Call for application for the position of the PM is issued widely and as soon as possible, for the sake of transparency.
Claude stressed that the nomination of the next PM is expected to be approved by the Assembly on 13th May.
In parallel, the so-called “CSC groups” have to be validated. Indeed, the application and/or selection process of each CSC-Leader will be organized within each group.

Preparation of the next MoU: WG-MoU2, timing of next A/A meetings

Claude reminded that the Working Group on the MoU2 is composed of 9 members, including persons from PAC, from STAC, a person with legal background, …
The WG discusses and formulates proposals for updates in the MoU, and it will function in an iterative mode with the Assembly (several A/A meetings are planned to check the proposals).

- WG-MoU2: 9 members representing several families and several kinds of expertise
- The progress of the WG will be reviewed by the upcoming A/As who will discuss the proposals of changes and possibly evaluate specific questions at governance level
- FYI, next A/A meetings:
    - Extraordinary (online) Monday 10 March 9:00-12:00 CET
    - Extraordinary (online) Tuesday 13 May 10:00-13:00 CET
    - Ordinary (online) Monday 7 July 14:00-17:00 CET
    - Signing process to start after the 7/7
    - Ordinary A/A end of 2025 in person in Brussels, on the kind invitation of IRM/KMI, two half-days Monday 1 Dec afternoon - Tuesday 2 Dec morning

Request for updated information on CSCs

- The A/A on 10 March will discuss the procedure how to build the list of “CSC groups” as a step in preparation of the nomination of the CSC Leaders
- In preparation of this discussion, the list of the ACCORD Members who use a given CSC in operations will be provided, as a concrete example of how these lists could look like
- To make this input list, we kindly ask the LTMs to mark which CSC(s) are used in your Institute in the “Information 4 LTM ” file, sheet “CSC used by Members”

Claude explained that the preliminary list of “CSC groups” will be presented at the Assembly. The A/A will then be asked to discuss these groups and the way forward.
Claude pointed out that the CSCs groups are not exclusive.
Deadline for the LTMs to mark their CSC(s) is the 13th February[1].

***Radmila**: There are countries who have 2 CSCs in operations. So normally they would participate at the CSC-Leader election in both groups, is this correct ?*

***Claude**: Yes.*
Again note that the table is to have preliminary lists to present to the Assembly, and it will be up to the A/A members to decide how to proceed.

***Radmila**: The list is great because it will show the reality of the use of the CSCs to the Assembly. For instance it will be visible that a few countries are using 2 CSCs.*

4. Feedback on technical visit

Maria presented feedback on the technical visit provided by Daniel Santos to IPMA on Git Transfer of knowledge.
Link to the presentation.

***Maria**: Nuno organised it as the head of our NWP division. Daniel’s visit was in the DAP2024.*
The main goal was the share of information and knowledge on Git.

The training was in Lisbon and it was easy to organise: meeting room, wifi, etc. … the practical needs could be fulfilled easily.
There also was information shared by Daniel on the ACCORD forge, how to work with it, and some practical exercise could be done.
We also had a good discussion with Daniel and the participants.

***Mariska**: Noted that the feedback from IPMA is very enthusiastic and positive.*
I invite LTMs to think about asking for other such technical visits, and be open to further discussions in Zalakaros.

***Claude**: We have planned 2 such visits in the DAP2025, so If you are interested let us know (myself, Anne-Lise and Daniel).*

[1] The corresponding table was completed by all LTMs on 13 February.

5. MF debrief

Cécile made a debrief on the last event concerning LBC files and their access.

Debrief on switch to operations of CY48 in MF

- Increased time of LBC files availability → increasing volume and number of files in cy48 with hourly outputs up to 102 hours for all domains of production cycles

Domain	Domain	mode	NT		ranges		frequency		R1	levels		Nb files		LBC size (o)		volume /day (Go)	
			current	new	current	new	current	new		current	new	current	new	current	new	current	new
Morocco/NORAF	Morocco/NORAF	prod	00,12	00,06,12,18	72,72	102	6h	1h	1,0	70	70	26	412	78 864 384	78 864 384	2,05	32,49
Morocco/AlBachir	Morocco/AlBachir	prod	00,12	00,06,12,18	72,72	102	1h	1h	2,8	70	70	146	412	74 465 280	74 465 280	10,87	30,68
		~~assim~~	00,06,12,18	00,06,12,18	6	6	1h	1h		70	70	28	28	74 268 672	74 268 672	2,08	2,08
Poland	Poland	prod	00,06,12,18	00,06,12,18	66,66,66,60	102	3h	1h	1,2	70	70	96	412	38 879 232	38 879 232	3,73	16,02
		~~assim~~	00,06,12,18	00,06,12,18	6	6	3h	1h		70	70	12	28	38 780 928	38 780 928	0,47	1,09
Portugal	Portugal	prod	00,06,12,18	00,06,12,18	84,48,84,48	102	3h	1h	1,2	60	90	92	412	34 037 760	51 056 640	3,13	21,04
		~~assim~~	00,06,12,18	00,06,12,18	6	6	3h	1h		60	90	12	28	33 939 456	50 909 184	0,41	1,43
~~Prague ass.~~	~~Prague ass.~~	~~prod~~	~~00,06,12,18~~		~~48,6,48,6~~		~~3h~~		~~1,0~~	~~60~~		~~48~~		~~3 661 824~~		~~0,15~~	~~0,00~~
		~~assim~~	~~00,06,12,18~~		~~6~~		~~3h~~			~~60~~		~~12~~		~~3 661 824~~		~~0,04~~	~~0,00~~
Tunisia	Tunisia	prod	00,12	00,06,12,18	72,72	102	1h	1h	3,2	105	105	146	412	42 983 424	42 983 424	6,28	17,71
		~~assim~~	00,06,12,18	00,06,12,18	6	6	3h	1h		105	105	12	28	42 909 696	42 909 696	0,51	1,20
Turkey	Turkey	prod	00,06,12,18	00,06,12,18	72,72,72,60	102	3h	1h	1,1	70	70	96	412	49 840 128	49 840 128	4,78	20,53
		~~assim~~	00,06,12,18	00,06,12,18	6	6	3h	1h		70	70	12	28	49 717 248	49 717 248	0,60	1,39
SELAM	SELAM	prod	00,06,12,18	00,06,12,18	78,54,78,54	102	3h	1h	1,1	105	105	92	412	29 884 416	29 884 416	2,75	2,75
		~~assim~~	~~00,06,12,18~~		~~6~~	~~6~~	~~3h~~	~~1h~~		105	105	12	28	0	0	0,00	0,00
Antartica (Spain)	Antartica (Spain)												412		*10 000 000*		4,12
																78,6	**258,6**

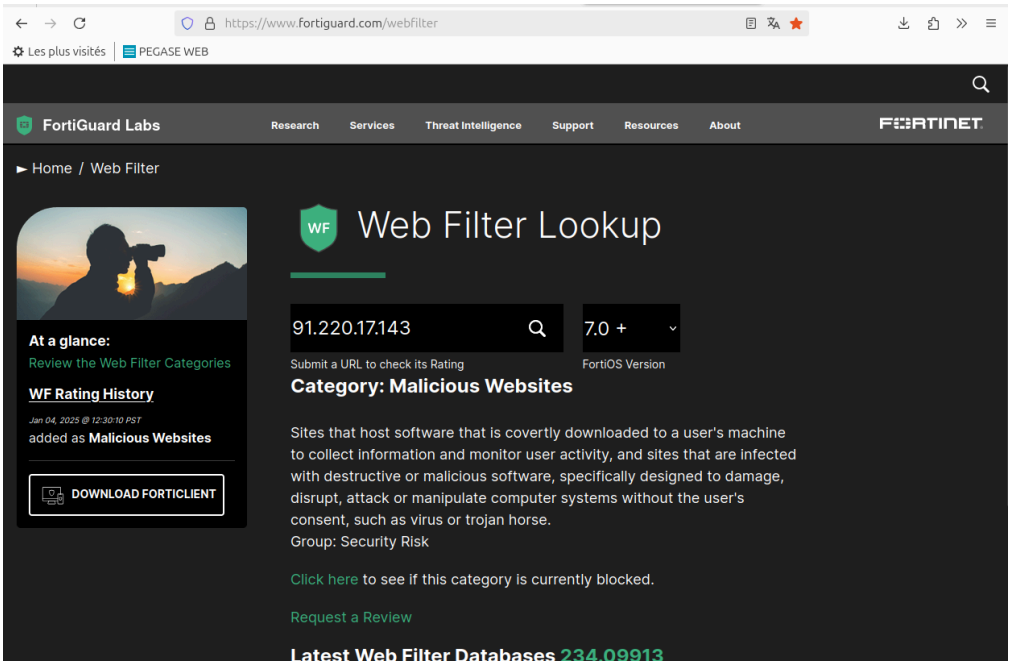
example of data provided to the IT department in March 2023 by Ghislain Faure

- On the ftp-pro server, users have a defined space quota. If there is not enough space available on an account, any new deposit is refused and the software that manages the files exchange loops over the same file until he successfully drops the file, with the consequence of blocking all broadcasts from the HPC to the ftp-pro server, whatever the user → problem solved by increasing space quota for all users
- → To prevent such a problem for the next switches, the configuration which produces the LBC files will be included in the whole e-suite package

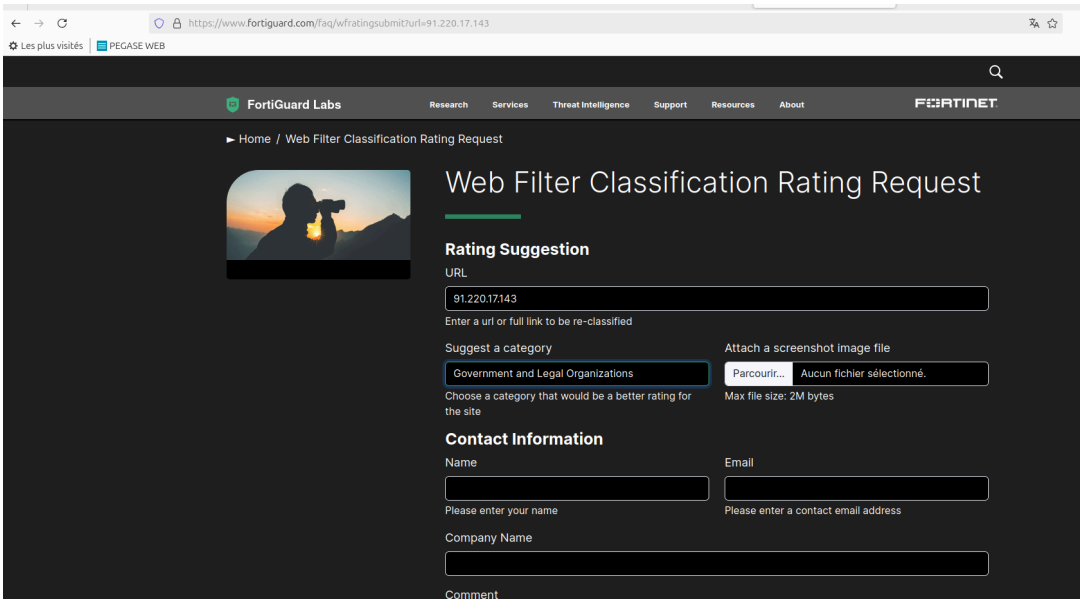
Debrief on access to the ftp-pro server of MF

Connection problems on the ftp-pro server with some IP addresses have been reported → These IP addresses have been considered as 'malicious' by the Meteo-France firewall editor and then blacklisted. Thus, in case of connection problem, the recommendation is to:

1. check the status of an IP address in this website
https://www.fortiguard.com/webfilter



2. In case of 'Malicious', ask "Fortiguard" to re-categorize this IP by clicking on "Request a Review" and fill the needed informations in the page (the category is Government and Legal organizations)



Mariska thanked Cécile and MF for trying to solve these problems.

***Mariska**: Is "Fortguard" a MF tool ?*
***Cécile**: No, it is an international software.*

***Mariska**: Regarding the pb with quotas, is the quota the same for operational throughput than for e-suite?*
So if there is no change in resolution there shouldn't be problems.

***Cécile**: Yes, this is the idea. Ghislain already made the appropriate calculation of the volumes.*

***Radmila**: About the ftp connection to hendrix, we are stuck with the MF connection tools. We contacted Eric but no answer yet.*
***Cécile**: I think it was resolved.*
***Radmila:** In case we can not get the files from the ftp server, we still could have them from hendrix, but that transfer does not work anymore at present.*
Maybe transferring as backup through ECMWF would be easier and feasible ?

***Cécile**: I need to check that, and will come back to you Radmila.*

***Bogdan**: about the firewall, has the problem also happened to other countries ? This is interesting to know for us, because it happened to us.*
***Cécile**: yes*
***Bogdan**: It was problematic for us because it happened during the weekend and we could not connect for a few days.*
Is it not possible to register our addresses before they block us ?

***Cécile**: One idea might be to register several IP addresses, perhaps 2 or 3.*
Have to check with IT.

Note as conclusion : 3 actions on Cécile :
1- to declare multiple IP addresses to use ftp-pro and prevent blacklisting of one of the addresses
2- to solve the connection problem mentioned by Radmila and for which we are in contact with Jan Mašek
3- to see with the IT service how MF and concerned services could be notified of the blacklisting of an IP address to save time

6. AOB

none

7. Next meetings and closure

- Besides the All Staff Workshop 2025: Monday 31 March 2nd half of afternoon, probably in parallel with part of the poster session.

- Spring meeting to be confirmed: could be useful for an update on the MoU2 signing process and any other issue in connection with preparing the phase 2 of ACCORD.

ANNEXE: Picture gallery from the online meeting.