



The PM presentation: the first steps of ACCORD

Claude FISCHER, ASW2021, 12-16 April 2021, video-conference

A Consortium for **CO**nvection-scale modelling **R**esearch and **D**evelopment



- 26 NMS

- 290 ACCORDers

(125 F.T.E.)

- ~ 50 operational configurations (AROME, ALARO, HARMONIE-AROME)

<http://www.umn-cnm.fr/accord/>



ACCORD Governance



CONSORTIUM ORGANISATION

Assembly
upper governance body of the Consortium

Marianne Thyrring (Dk) Chairperson
Martin Benko (Sk) Vice-Chairperson
Directors of Dz, At, Be, Bg, Hr, Cz, Dk, Ee, Fi, Fr, Hu, Is, Ie, Lt, Ma, Nl, No, Pl, Pt, Ro, Sk, Si, Es, Se, Tn, Tr NMSs
Observer from ECMWF

Program Manager (PM)
highest executive officer of the management
Claude Fischer (Fr)

Bureau
Chairpersons of the GA, PAC and STAC
PM and CSS

Scientific and Technical Committee (STAC)
advisory body

Policy Advisory Committee (PAC)
advisory body
convened when necessary on request of the Assembly

Support Team

Consortium Scientific Secretary (CSS)
Patricia Pottier (Fr)

DAsKIT coordinator
Maria Monteiro (Pt)

Local Team Managers
Chaired by CNA

Dz: Mohamed Mokhtari
At: Christoph Wittmann
Be: Alex Deckmyn
Bg: Boryana Tsenova
Hr: Antonio Stanesic
Cz: Radmila Brožková
Dk: Bent Hansen Sass
Ee: Ivar Anspér
Fi: Carl Fortelius
Fr: Ghislain Faure
Hu: Gabriella Szépszó
Is: Halldór Björnsson
Ie: Saji Varghese
Lt: Martynas Kazlauskas
Ma: Siham Sbii
Nl: Jan Barkmeijer
No: Jørn Kristiansen
Pl: Bogdan Bochenek
Pt: Maria Monteiro
Ro: Alexandra Craciun
Sk: Jozef Vivoda
Si: Neva Pristov
Es: Javier Calvo
Se: Heiner Körnich
Tn: Haythem Belghrissi
Tr: Yelis Cengiz

Programme Team

Project Team

Management Group Chaired by PM

Area Leaders

Dynamics: Ludovic Auger (Fr)
Surface: Patrick Samuelsson (Se)
Meteorological QA: Carl Fortelius (Fi)
E.P.S.: Henrik Feddersen (Dk)
Transversal activities: Piet Termonia & Daan Degrauwe (Be)
System: Daniel Santos (Dk)
Data Assimilation: Roger Randriamampianina (No)

Integration Leader
Alexandre Mary (Fr)

CSC Leaders

CSC Arome: Eric Bazile (Fr)
CSC Alaro: Martina Tudor (Hr)
CSC Harmonie-Arome: Jeanette Onvlee (Nl)

Coordinator for Networking Activities (CNA)
Maria Derkova (Sk)

all manpower committed by Members and acceding Members

CSCs management structures

Chair: Saji Varghese
vice-Chair: Christine Lac

3 MF Members
Alain Joly
François Bouyssel
Christine Lac

3 RC-LACE Members
Yong Wang (Au)
Kristian Horvath (Hr)
Simona Tascu (Ro)

3 Flat-rate Members
Rafiq Hamdi (Be)
Ilian Gospodinov (Bg)
Vanda Costa (Pt)

3 HIRLAM Members
Xiaohua Yang (Dk)
Sami Niemelä (Fi)
Saji Varghese (Ie)

Observer from ECMWF
PM

Chair: Daniel Gellens
vice-Chair: Florinela Georgescu

2(+1) MF Members
Alain Joly, Philippe Bougeault (Marc Pontaud), Fr

2(+1) RC-LACE Members
Florinela Georgescu (Ro)
Radmila Brožková (Cz)
(Jure Jerman, Si)

2(+1) Flat-rate Members
Daniel Gellens (Be)
M. Fatih Büyükkasabaşı (Tk)
(Mohamed Mokhtari, Dz)

2(+1) HIRLAM Members
Jussi Kaurola (Fi)
Jørn Kristiansen (No)
(Ben Wichers Schreur, Nl)

PM



ACCORD first events

- Assembly kick-off meeting: 27 Nov. 2020
- Mini-MG (CSC leaders): 9 Dec. 2020
- LTM kick-off meeting: 14 Jan. 2021
- ACCORD Bureau meeting: 2 March 2021
- 1st Assembly: 8 March 2021
- MG kick-off meeting: 25 March 2021
- 1st PAC meeting: 30 March 2021
- MG meeting (DAP): 9 April 2021
- **12-16 April 2021: All Staff Workshop**
- 1st LTM meeting: 12 April 2021
- MG meeting (RWP): 26 April 2021
 - + regular MG meetings (Friday mornings, every 2 weeks)
- 1st STAC meeting: 4 May 2021
- 2nd Assembly: 2 July 2021 (6 July as backup)
- 2nd PAC meeting (if requested by Assembly): autumn
- 2nd STAC meeting (RWP): autumn
- Bureau meeting
- 3rd Assembly (end of the year)



ACCORD Management Group

Management Group Chaired by PM



Area Leaders



Dynamics:
Ludovic Auger (Fr)



Surface: **Patrick Samuelsson (Se)**



Meteorological QA:
Carl Fortelius (Fi)



E.P.S.: **Henrik Feddersen (Dk)**



System: **Daniel Santos (Dk)**



Data Assimilation: **Roger Randriamampianina (No)**



Transversal activities:
Piet Termonia & Daan Degrauwe (Be)



Integration Leader
Alexandre Mary (Fr)



CSC Leaders



CSC Arome:
Eric Bazile (Fr)



CSC Alaro:
Martina Tudor (Hr)



CSC Harmonie-Arome:
Jeanette Onvlee (NI)

Physics AL position & Working Group (adopted by the Assembly)

- The PM proposes to close the position of the Physics AL until end of 2022. The position may be reopened in 2023, with updated ToRs, upon proposal by the PM.
- For 2021-2022, the PM proposes a WG to study the main issues of interoperability in the physics codes.
- Composition: PM, 3 CSC Leaders, P. Termonia, D. Degrauwe, S. Malardel
- Time line and delivery: propose a roadmap for end 2022, beginning of 2023 latest
- The Assembly is invited to approve the proposal as described in the preparatory document, and give mandate to the PM for continuing with the WG.



Destination Earth Program (DestinE)

• DestinE in short:

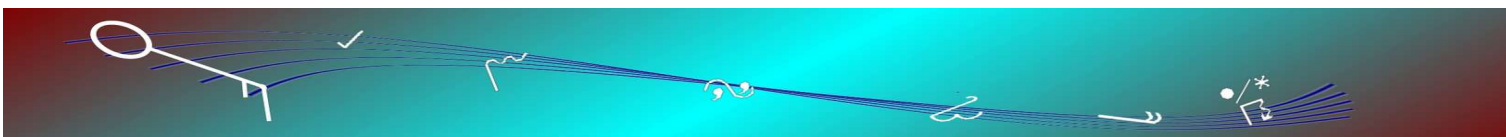
- Develop and implement an environmental service capability that adds up to what the NMSs do today, and that prefigures what such a system could be in a few years from now. Build on concepts like Digital Twins of the Earth System, upcoming very large data handling, cloud infrastructure and pre-exascale HPC
- Funded by EU within the Green Deal program & Digital Europe
- Strategic partnership: ESA (core service platforms), EUMETSAT (data lakes), ECMWF (Earth Digital Twins)
- ECMWF will provide two digital twins, one for climate (by procurement) and for extreme events
- ECMWF will launch Calls for applications for specific components, including an on-demand LAM system

• **The LAM component is presently being discussed between ECMWF and Member States.**

• **The ACCORD Assembly tasked PAC to study the relationship between DestinE and ACCORD.**

• **PAC recognized the strategic nature of the program. It recommended to further study the preparation of an ACCORD involvement in DestinE, under coordination of the PM.**

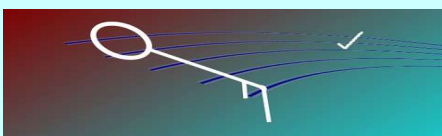
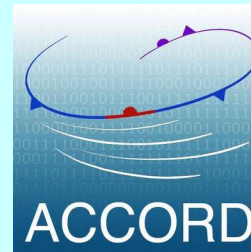
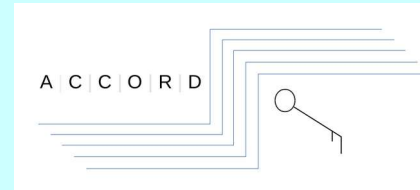
• **Next steps: STAC to meet, MG involvement, other collaboration aspects (UWC, etc.)**




























ACCORD

ACCORD logos

- Initial proposal by Patricia:
 - chord
 - musical lines=> waves
 - clef and notes => SYNOP symbols (LTM)
 - Fair winds and following seas to ACCORD !
- Assembly: to use it temporarily; to launch a call for proposals to simplify the logo, keeping the idea waves/winds
 - [Proposals 4 logo](#)



ACCORD Local Team Managers

ALGERIA: Mohamed Mokhtari		AUSTRIA: Christoph Wittmann		BELGIUM: Alex Deckmyn		BULGARIA: Boryana Tsenova	
CROATIA: Antonio Stanesic		CZECH REP: Radmila Brožková		DENMARK: Bent Hansen Sass		ESTONIA: Ivar Anspere	
FINLAND: Carl Fortelius		FRANCE		HUNGARY: Gabriella Szépszó		ICELAND: Halldór Björnsson	
IRELAND: Saji Varghese and Eoin Whelan (deputy)			LITHUANIA: Martynas Kazlauskas			MOROCCO: Siham Sbihi	
NETHERLANDS: Jan Barkmeijer & Wim de Rooy (substitute)			NORWAY: Jørn Kristiansen			POLAND: Bogdan Bochenek	
PORTUGAL: Maria Monteiro		ROMANIA: Simona Tascu		SLOVAKIA: Jozef Vivoda		SLOVENIA: Neva Pristov	
SPAIN: Javier Calvo		SWED EN: Heiner Kömich		TUNISIA: Haythem Belghrissi		TURKEY: Yelis Cengiz	