

#### **Grant Period 2 - 1st MC Meeting Minutes**

# CA22123 – European Materials Acceleration Center for Energy (EU-MACE)

Date: 7/03/2025

Hybrid meeting at University of Cyprus, Nicosia, Cyprus

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#### COST Association AISBL

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#### 1. Agenda and Presentation

- 1. Welcome to participants, verification of the quorum and adoption of agenda
- 2. Information to the MC
  - a) Recap of the minutes of the last meeting, e-votes and matters arising since the last meeting
  - b) Update from the COST Association: Radenka
  - c) Action Membership
  - d) Action Participation: WG membership and applications
  - e) Core Croup: report from the Core Group → included in Section 3
  - f) Budget status: summary from the Grant Holder.
- 3. Follow up and discussion on the
  - a) Action management: structure, leadership positions and other supporting roles.

    Mandates to the Core Group (if applicable) → Presentation of New WG and Task leaders (Vote)
  - b) Implementation of the COST Excellence and Inclusiveness Policy
- c) Grant Awarding by the Action → Priority conferences and STSMs (presentation by P. Tatarko, new Grant Award coordinator)
  - d) Progress of each working group & Tasks (including WG3's TDM workshop summary on Day 1)
  - e) Science Communication Plan (by G. Botton, new Sci Comm coordinator)
  - f) Progress on MoU Objectives, WG tasks, deliverables, and Goals for the current GP.
- 4. Planning
- a) Upcoming activities (Training school, Future Labs Live & Euromat, Legacy Labs, Sustainability and Young EU-MACE actions)
  - b) Draft plans for the following GP(s) → not a topic for this MC meeting
- 5. Monitoring and Reporting to the COST Association: → not a topic for this MC meeting
- 6. AOB
- 7. Summary of MC decisions
- 8. Closing

The full presentations of the MC1 meeting: "MC1 Chair presentation"v& "Summary of WG3\_TDM\_Day1" are available for download. See Annex I for the link.

#### 2. Participants and Hosting Team

- Action Chair: Dr Sawako Nakamae onsite
- Vice Chair: Dr. Monica Fabrizio onsite
- Local Organisation chair: Prof. Dorottya Kriechbaumer (Germany) onsite
- MC members and Core Group members onsite and online

A group picture (Annex Group photo) and the attendance lists are found in Annex: Attendance list.



#### 3. Decisions by the Management Committee

28/49 MC members attended the meeting (online and in person). However only 19 MC members (countries) out of 29 total participated in the MC voting process. The quorum was not reached (at the time of attendance check) and thus no formal votes were taken in accordance with the <u>Annotated Rules</u>, and e-voting was conducted after the distribution of the present meeting minutes.

Approval of new task creation and the Core Group member composition for the second GP

#### 4. Progress Reports and Future Actions Plans

#### I. NEW CORE GROUP MEMBER PROPOSITIONS

In accordance with the MC decision from GP1 (MC1, kickoff meeting), the Core Group members are reevaluated at the beginning of GP2. The following CG composition was proposed and discussed.

WGs & Task	GP1	Next GP candidates
WG1 – perovskites	Helge Stein (DE)	Dorottya Kriechbaumer (DE, YRI)
WG2 – metallic alloys	Jarek Jasinski (PL)	Jarek Jasinski (PL)
WG3 – New materials	Kourosh Malek (DE)	Kourosh Malek (DE)
WG4 - training	David Lacroix (FR)	D. Lacroix until 05/2025 → A. P. Goncalves (PT)
WG5/Communications	I. Matejak (BE)	Gloria Botton (BE, YRI)
Grant Award committee	Holger Ihssen (DE)	Peter Tatarko (SK, YRI)
Sustainability	E. Annunciata (IT)	Giampaolo Campana (IT)
Young EU-MACE	New task	No nomination made
Erasmus incubation	Theodora Kyratsi (CY)	Theodora Kyratsi (CY)
MAP & EXP List/database	Kourosh Malek (DE)	loisif Galanakis (EL)
Legacy Labs	New task	Ozlem Ozcan (DE) + Sandra Rabaça (PT)
Inter-Action networking	New task	Norbert Babscan (SK)
Industrial leadership	New task	Holger Ihssen

#### II. CURRENT ACTION MEMBERSHIP STATUS:

The evolution of Action membership during the first GP was presented



	Nov 2023	May 1, 2024	Aug 31, 2024	Jan. 2025
Total participant	173	257	313	338
YRI	62	96	136	151
ITC	93	137	171	189
F/M	66	92	117	121

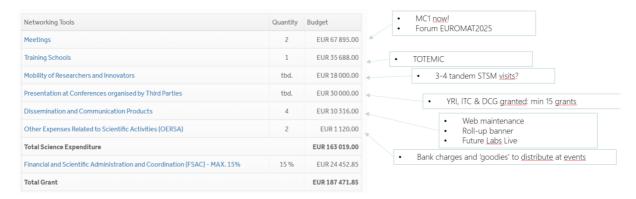
As of January 2025, there are 49 MC members (individuals) from 29 countries of which 17 ITCs.

### III. PROGRESS TOWARD ACTION OBJECTIVES; ACTION STRUCTURE, PERIOD DELIVERABLES

A recap of the objectives, the actions structure and the summary of activities from the last MC meeting, including the GP1 financial report were presented (see the presentation file p. 14-17). Key actions include:

- Monthly MC & CG update meetings (5 online meetings held since)
- List of grants awarded in GP1 (see presentation file)
- Submission of GP report
- New WG leaders nominations (see table above)
- Creation of new tasks (see table above)
- Creation of Expert and MAP list first version created
- Planning and implementation of Training school TOTEMIC (April 2025)
- Decision to participate in Future Labs Live event (May 2025)
- Decision to organize Forum at FEMS 2025 EUROMAT (September 2025)
- Communication products roll-up banner (showcased at the meeting), website (events, grant calls, videos, etc.), LinkedIn page (214 followers) were resented

#### IV. BUDGET PLAN FOR GP2 – AS APPROVED BY MC IN NOVEMBER 2024





#### V. FUTURE ACTIONS:

#### (1) Training school: (leader Prof. D. Lacroix)

"Tools for energy materials modelling and acceleration" will be held jointly with French National Scientific Research Center (CNRS) from April 20-26, 2025 in Cargèse, Corsica, France. Over 130 applications were received. Among them, 50 trainees were selected and 13 applicants qualified for financial support from EU-MACE. (cf. presentation file pp 44&45)

#### (2) Co-location Forum @ FEMS 2025 ERUOMAT conference: (leader Prof. T. Kyratsi)

EU-MACE will hold a 1-day forum in Granada, Spain on September 14, 2025, at the start of the FEMS 2025 EUROMAT conference. Two topics are selected: Device Integration and Continued Growth (i.e., Legacy Labs). Special allocations of ITC and YRI conference grants will be made. (see p. 42-45 presentation file)

#### (3) Future LABS LIVE: (leader S. Nakamae, O. Ozcan & K. Malek)

EU-MACE will hold a booth at this event, aiming to unite "leading stakeholders from the entire laboratory eco-system to create insight and to promote collaboration" was presented. The purpose of our participation is to enhance the Action's link to the industries. EU-MACE will also host a seminar session to showcase our approach on how to empower materials scientists.

#### 4) GRANT AWARD FOCUS (LEADER: P. TATARKO)

EU-MACE will continue to focus on "Acceleration of materials research (methodologies + scientific advancements)" in GP2. EUROMAT2025 and IWPDF conferences have so far been included in the priority conference list. For STSM grants, the "legacy lab" visits are prioritized. Both calls will open in March 2025.

#### 5) MAPS AND EXPERTS LIST - CHAINMAP (LEADER: I. GALANAKIS & K. MALEK)

The internal version of ChainMap list, based on MC members' materials focus was revealed. The list will be expanded to include non-MC members, MAPs and more detailed expertise in the GP2 (see p. 30-33 of the presentation file)

#### 6) SUSTAINABILITY (LEADER: G. CAMPANA & M. FABRIZIO)

The Task leaders are currently collecting and elaborating feedback from EU MACE members interested to sustainability topics, favoring Action participation to relevant event on sustainability in manufacturing (materials, processes and products). Interested members can respond to the survey at

#### $\underline{https://docs.google.com/forms/d/100YzRWYoZOrmDpMOz2D4y4KIj2E9iIJq1MjaSrZ2onY/editalinestation for the action of the properties of the$

See p. 35-40 of the presentation file for more information

#### 7) WG3 – TD MATRIX & WHITE PAPER (LEADER: K. MALEK)

WG3 has held a day-long workshop on TDM (technology development matrix) on 3 material classes chosen during the GP1. The key performance/property attributes were defined and the core team will now define high-level targets along the technology development stages. A white paper will be drafted for at least one of the three material classes within the GP2. See presentation file: *Summary of WG3 TDM Day1*.



#### 8) DELIVERABLE TIMETABLE FOR GP2

The MC members were reminded of the foreseen deliverables for the current GP.

	able and description ("DT.#" are transversal deliverables coordinated by the CG/MC; 01.#", "D2.#", "D3.#"and "D4.#" are related to WGs 1 to 4)	Year	QTR
DT1	Experts & MAP (incl. similar structures, data repositories, etc.) lists - updated yearly.	1	2
DT2	Position paper based on Action results (WG actions, bilateral meetings, workshops, STSMs etc.) – updated yearly.	1	4
DT3	Roadmap on advanced materials development & integration in renewable energy sector (final version in year 4). Includes subsections dedicated to specific materials	2	4
D3.1	Selection of 3 <sup>rd</sup> pilot materials (Task 3.0)	1	3
D4.1	Publication of training course materials and tutorial videos - 3 months after each workshop/training school organization	2	2
D4.2	Report on future ERASMUS programme scheme	4	4
D5.1	Action logo, website (public and members' only) and social networks accounts available – updated regularly with news, summaries, demos, announcements	1	2

#### 5. AOB

#### The MC meeting was preceded by:

- WG3 (New materials) in-person meeting on TDM (technology development matrix) building
- Joint workshop (hybrid) on the same subject with GC-MAC on March 6th.

#### The MC meeting was followed by:

- WG1 & WG2 session on action planning for GP2
- Legacy-lab Task session on presenting the motivation, purpose and the methodologies of this new task.

#### Up coming month MC/CG update sessions:

April 8th 2025: Recap of MC meeting+progresses since: Grant award publication, WG meets, etc.

May 13th: Recap from TOTEMIC, final call for FutreLabs Live

June 10th: Recap FutureLabs Live, TBD

#### At 12:30 pm, MC meeting concludes.

#### Minutes prepared by:

- Action Chair
- Action Vice-Chair
- Scientific Communications Coordinator



#### **ANNEXES**

#### I. Agenda



# COST Action CA22123: "European Materials Acceleration Center for Energy" Management Committee Meeting Draft Agenda From 07/03/2025 at 09:00:00 to 07/03/2025 at 12:30:00 Hybrid TH Rosenheim, Burghausen, Germany

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#### II. Presentation

The presentation files are available for 14 days to download from the link below (also available upon request to <a href="mailto:sawako.nakamae@cea.fr">sawako.nakamae@cea.fr</a> (Action Chair))

https://filesender.renater.fr/?s=download&token=adeffba2-7a53-443b-b377-fd21b2044a65



#### III. Group photo



#### IV. Attendance list

The attendance list is appended.



## MEETING ATTENDANCE LIST OF ( MC MEETING AND WG & CG DISCUSSIONS - 07/03/2025 )

The attendance list provides the names of the participants who confirmed attendance via their personal e-COST invitation link.

Meeting Title: MC meeting and WG & CG discussions

Meeting Reference: E-COST-MEETING-CA22123-060225-ccd0fd7d Action Number: CA22123

Meeting Administrator: Aurelie Fere E-mail: GHM.EUMACE@proton.me

- Management Committee GP2 MC 1 meeting (Start Date: 07/03/2025 End Date: 07/03/2025)
- Core Group Legacy Labs Task meeting (Start Date: 07/03/2025 End Date: 07/03/2025)
- Working Group WG1 & WG2 Action plan meeting (Start Date: 07/03/2025 End Date: 07/03/2025)

Nr	Participant	Country	Signature	Is Attending
1	Aksaray, Goncagül goncagulaksaray@gmail.com	TR		
2	Aksoy, Canan aksoycanan0@gmail.com	TR		
3	Avdušinović, Hasan hasan.avdusinovic@unze.ba	ВА	Hasau	Yes
4	Babcsán, Norbert norbert.babcsan@gmail.com	HU	1-1-	Yes
5	Bakhtiyarli, Elvin elvinb18104@sabah.edu.az	AZ		
6	Balazsi, Csaba balazsi.csaba@ek-cer.hu	ни		Online Walk
7	Balbaud, Fanny fanny.balbaud@cea.fr	FR	-	
8	basat, leyla uranbeyleyla@gmail.com	TR		
9	Bieberle-Hütter, Anja a.bieberle@differ.nl	NL		
10	Bore, Sigbjørn s.l.bore@kjemi.uio.no	NO		4







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Nr	Participant	Country	Signature	Is Attending
11	Botton, Gloria g.botton@eera-set.eu	BE	Genia Bolton	Yes
12	Bušić, Matija mbusic@unin.hr	HR	M. Busec	Yes
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14	Caspary Toroker, Maytal maytalc@tx.technion.ac.il	IL	<u>-</u>	
15	Cifci, Osman Safa osmansafa@gmail.com	TR		
16	Colsmann, Alexander alexander.colsmann@kit.edu	DE		Online dels/
17	Culliton, Dave david.culliton@setu.ie	IE		Yes
18	Daniel-da-Silva, Ana ana.luisa@ua.pt	PT		Online offs!
19	de la Peña O'Shea, Víctor Antonio victor.delapenya@imdea.org	ES	(	7
20	Dimitrov, Petar dipetar@outlook.com	MK	befrees	Yes
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22	Dvorak, Tomas tomas.dvorak@savba.sk	SK		
23	FABRIZIO, MONICA monica.fabrizio@cnr.it	IT	aculadul	Yes
24	Fedele, Laura laura.fedele@itc.cnr.it	IT		en In Online





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Nr	Participant	Country	Signature	Is Attending
25	GALATANU, Andrei gala@infim.ro	RO		Online HV/82s/
26	Galanakis, losif galanakis@upatras.gr	EL	1	Yes
27	Gupta, Suraj suraj.gupta@ijs.si	SI		
28	Horoz, Sabit sabit.horoz@sivas.edu.tr	TR	Salar dia Bia	
29	Hou, Bo houb6@cardiff.ac.uk	UK		
30	Ihssen, Holger holger.ihssen@helmholtz.de	DE	Holye Har	Yes
31	Inan, Tulay tulay.inan@sabanciuniv.edu	TR		Online IXG1/2
32	Jankovic, Jasna jasna.jankovic@uconn.edu	US		7 1 1 1
33	Janusas, Giedrius giedrius.janusas@ktu.lt	LT	× GJ	Yes
34	Karakasidis, Theodoros thkarak@uth.gr	EL	Dugu	Yes
35	Kizildag, Nuray nuraykizildag@gtu.edu.tr	TR	Additional Landson	Online 32:
36	Konchakova, Natalia natalia.konchakova@hereon.de	DE		755/
37	Kreisbeck, Christoph christophkreisbeck@gmail.com	DE	*///	Yes
38	Kriechbaumer, Dorottya gubandorka@gmail.com	DE	14 Thong	Yes





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Nr	Participant	Country	Signature	Is Attending
39	Krsmanovic Whiffen, Radenka radenka.whiffen@cost.eu	BE		
40	Krstevska, Aleksandra aleksandra.krstevska@mf.edu.mk	MK	Aksm	Yes
41	Kumar, Praveen Praveen.Kumar@fkkt.uni-lj.si	SI	2	Yes
42	Kumar, Rohit rohit.kumar@ut.ee	EE	2)	
43	Laikhtman, Alex alexl@hit.ac.il	IL		Yes
44	Lekesiz, Tuğba tugba.lekesiz@tubitak.gov.tr	TR		Online
45	Liotta, Leonarda leonardafrancesca.liotta@cnr.it	ΙΤ		
46	Mahmood Razeeb, Kafil Uddin kafil.mahmood@tyndall.ie	IE		
47	Malek, Kourosh k.malek@fz-juelich.de	DE		Yes
48	Matejak, Ivan i.matejak@eera-set.eu	BE		
49	Mayo-García, Rafael rafael.mayo@ciemat.es	ES		
50	Mladenovic, Goran gmladenovic@mas.bg.ac.rs	RS		
51	Mordini, Alessandro alessandro.mordini@unifi.it	IT		
52	nakamae, sawako sawako.nakamae@cea.fr	FR	S Nal.	Yes





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Nr	Participant	Country	Signature	Is Attending
53	Occhicone, Alessio alessio.occhicone@stems.cnr.it	IT		
54	Oleg, Zabolotnyi volynasi@gmail.com	UA	-	
55	Pakarinen, Janne janne.pakarinen@vtt.fi	FI	D.R.	Yes
56	Palevicius, Arvydas arvydas.palevicius@ktu.lt	LT		Online Bas/
57	Panos, Stavros stpanos@physics.auth.gr	EL		7
58	Parajo, Juan Jose juanjose.parajo@usc.es	ES		Als/
59	Patru, Roxana Elena roxana.patru@infim.ro	RO		00/
60	Pereira Gonçalves, António apg@ctn.tecnico.ulisboa.pt	PT	At Ran	Yes
61	Rabaca, Sandra sandrar@ctn.tecnico.ulisboa.pt	PT	SIGN	Yes
62	Röhm, Holger holger.roehm@kit.edu	DE		Onlino
63	Santiago Alonso, Antía antia.santiago.alonso@usc.es	ES		-
64	Sasikala Devi, Assa assa.sasikaladevi@oulu.fi	FI	glaw.	Yes
65	Siol, Sebastian sebastian.siol@empa.ch	СН	•	
66	Stein, Helge helge.stein@tum.de	DE		



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Nr	Participant	Country	Signature	Is Attending
67	Stier, Simon simon.stier@isc.fraunhofer.de	DE		Online
68	Szawiola, Anjuli anjuli.szawiola@nrcan-rncan.gc.ca	XI	and Syan	Yes
69	Tatarko, Peter peter.tatarko@savba.sk	SK	Fusher	Yes
70	Termentzidis, Konstantinos konstantinos.termentzidis@insa-lyon.fr	FR		8
71	Trifiletti, Vanira vanira.trifiletti@unimib.it	IT		
72	Uddin, Mohammad Afsar m.auddin@csic.es	ES		
73	Uğur Nigiz, Filiz filiz.ugurr@gmail.com	TR	V-Marie Caracteristics (Control of Control o	
74	Valentino, Laura lauravalentino@cnr.it	IT	Ohne Volh	Yes
75	Yalcinkaya, Tuncay yalcinka@metu.edu.tr	TR	1 Johntager	Yes
76	Zabinski, Piotr zabinski@agh.edu.pl	PL	Lie	Yes
77	Özcan Sandikcioglu, Özlem ozlem.ozcan@bam.de	DE	alexan	Yes
78	Iglesias, Roberto		(	Online
79	Jasinski, Javoslaw			Online
80	Jasinski, Jaroslaw Zauprotynska, Olena			China

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Nr	Participant	Country	Signature	Is Attending
81				
82				
83				
84				
85				
86				
87				
88				
89				

Country Codes: Albania (AL), Austria (AT), Belgium (BE), Bosnia and Herzegovina (BA), Bulgaria (BG), Croatia (HR), Cyprus (CY), Czech Republic (CZ), Denmark (DK), Estonia (EE), Finland (FI), France (FR), Germany (DE), Greece (EL), Hungary (HU), Iceland (IS), Ireland (IE), Israel (IL), Italy (IT), Latvia (LV), Lithuania (LT), Luxembourg (LU), Malta (MT), Montenegro (ME), The Netherlands (NL), the North Republic of Macedonia (MK), Norway (NO), Poland (PL), Portugal (PT), The Republic of Moldova (MD), Romania (RO), Serbia (RS), Slovakia (SK), Slovenia (SI), Spain (ES), Sweden (SE), Switzerland (CH), Turkey (TR), United Kingdom (UK).

**Meeting Secretary** 

(Chair or local organiser)

Name + signature

KRIECHBALMER, DOROTTYA Kutty

