

1. Approval of the Minutes of the Board meeting of September 26, 2023

Enclosed please find the Minutes of the Board meeting of 24.11.2023. Board members will be invited to approve these Minutes at the occasion of the next meeting of 07.06.2024.

Paris, 14.05.2024



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Euro-CASE Board Meeting n°61
Real Academia de Ingeniería, Madrid
Don Pedro Street 10, Madrid - Salón de Plenos
September 26, 2023 from 08.30 to 13.00 (Paris time)

MINUTES

Participants:

Alvarez Pelegry Eloy (ES), RAI
BabcsánNorbert (HU), HAE
Bech Martin (DK), ATV
Bendzsel Miklós (HU) HAE
Creuzet Gérard (FR), NATF
Dahle Øien Geir Egil (NO), NTVA
Digernes Torbjörn (NO) NTVA
Elliot Elin (SE), IVA
FabijańskaAnna (PL), PAN
Falciano Speranza (IT), ITATEC
Feyo de Azevedo Sebastião (PT), PAE
Hämäläinen Jari (FI), CoFA
Hielscher Rudi (DE), acatech
Høg Lejre Anne-Lise (DK), ATV
Husniaux Albert (BE), ARB & KVAB
Huson Taylor (UK), RAEng
Maestro Patrick (FR) NATF Secretary General
McAlinden Ben (UK), RAEng
McKeague Seamus (IR), IAE
Meeuwesse Roel (NL), NAE
Mikos Matjaz (SI), IAS
Mornar Vedran (HR), HATZ
Pardo Matteo (IT), ITATEC
Pejovnik Stane (SI), IAS
Teeri Tuula (SE), IVA Chair
Wörner Jan (DE), acatech

In attendance:

Marie Franquin
Nadia Pipunic

1. Approval of the Minutes of the Board meeting of May 26, 2023

The Board members have no comment on the Minutes of the last Board meeting of 26.05.2023.
The Minutes are approved.

2. The Future Strategy and Communications for Euro-CASE

- The Future Strategy & Communications

The Secretary General mentions that he will plan several visits to a number of academies in the coming months, participating in academies events to which he may be invited (or other members from the executive committee). He also underlines that to increase the Euro-CASE's visibility, it would be necessary to have more and more Fellows engaged in the different Euro-CASE activities. The choice of subjects to be dealt with, for which Euro-CASE can contribute something new and useful, and how to cover them is also important.

All academies are asked to contribute on these points.

Finally, he adds that the communication package which will be sent to all member academies very soon, should be helpful for all Board members to present Euro-CASE in their own countries.

As far as the visibility of Euro-CASE is concerned, Jan Wörner recommends to define whether the objective is to be visible at European level, which is what he is advocating for, or at national levels. Another option would be the sole aim to collaborate and work together.

To conclude P. Maestro states that the European visibility is the objective to be reached but for that to be achieved Euro-CASE needs to be known in the member countries. The work and events of member academies should be promoted by Euro-CASE and each academy should highlight its membership in Euro-CASE.

It is essential to prepare messages or statements on the work or conferences on which it is possible to communicate, in order to be heard and visible. P. Maestro reminds that the 2023 Conference statement will be drafted in the coming days and the secretariat is ready to communicate on it. To go even further, Tuula Teeri points out that there is a budget available to increase Euro-CASE's visibility. P. Maestro suggests using the services of a communications student.

Designation:

Several proposals are put forward by different Board members:

The Board proposes the following nominations:

The European Academies of Engineering

The European Academies of Science and Engineering

The European Academies of Technologies

The European Academies of Engineering and (Applied) Science

The European Academies of Applied Sciences

Mission statement:

Regarding the "Mission" it is reminded that during the last Board meeting the Board discussed the following: "**Fostering European excellence in technology and engineering, sciences and practice, for the benefit of European Society**".

What is important to explain in commenting the "Mission statement" is:

- Euro-CASE wants to change things for a better world, working for a common goal
- What distinguish Euro-CASE from other networks is that Euro-CASE combines Engineering and Sciences
- Based on the example of the Irish Academy of Engineering, the concept of the "thought leadership" is suggested to be added.

The Secretary General will prepare a proposal to be submitted to the Executive Committee and to the Board by Email and will gather feedbacks.

- Euro-CASE Annual Report 2022

P. Maestro thanks the academies for their contributions and mentions that the Annual report 2022 will be published on the Euro-CASE website.

3. Membership and enlargement

- Membership

Italy

Speranza Falciano presents the situation of the newly created Italian Academy of Technologies in September 2022. She mentions that after several years of hard work, ITATEC was shaped as an association thanks to the support of the Academia dei Lincei and particularly the Nobel laureate Giorgio Parisi. 52 persons are members of the association. Contacts are being made with politicians to finalise the setting up of the Italian academy (headquarter, finance...) Scientists and representatives of Italian industries will join ITATEC. Young expert will also be associated.

Tuula Teeri reminds that Euro-CASE will support ITATEC as much as possible and encourages Speranza Falciano to contact her and the Secretary General if necessary.

Netherlands

Roel Meeuwesse, NAE Head of Office, is invited to present the proposal from the Netherlands Academy of Engineering. He explains the present situation of the NAE, which is succeeding to AcTI. NAE is sponsored by the Dutch Government and has an ambitious positioning and agenda. R. Meeuwesse also enumerates the difficulties NAE faces regarding the industrial involvement. In terms of procedures, R. Meeuwesse indicates that the election of Fellows is in progress and officially invites Euro-CASE to take part in the installation ceremony Mid-November. Tuula Teeri confirms that she will represent Euro-CASE at this ceremony.

Euro-CASE Board members are invited to express their opinion for the integration of the NAE within Euro-CASE, instead of AcTI. The Board votes unanimously in favour. R. Meeuwesse thanks the Board. The information will be published on the Euro-CASE website and LinkedIn account.

On behalf of Euro-CASE, T. Teeri congratulates the Italian and Dutch academies for the setup of these 2 academies. She adds that Euro-CASE should gather information from member academies regarding their relationship with industry (and managing conflict of interest).

Greece

The HEAC's decision to no longer take part in Euro-CASE activities is presented to the Board. In order to keep Greece in Euro-CASE, the Secretary General has got in contact with the Academy of Athens even if, according to their website, engineers are poorly represented. Nevertheless, it is likely that Greece will no longer be represented in Euro-CASE.

- **Enlargement**

Patrick Maestro mentions that he has initiated contacts with academies in Estonia, Lithuania, Latvia and Slovakia but has not received any answer for the time being. He wants to wait for a while before contacting the Academy of Engineering in Ukraine due to the actual difficult situation in the country, and obvious other priorities for them.

In parallel, Stane Pejovnik mentions that Prof. Mileta Janjić, President of the Academy of Engineering of Montenegro has confirmed his interest to get in contact with Euro-CASE. S. Pejovnik will organize a video interview with Patrick Maestro. As far as Bosnia Herzegovina and Macedonia are concerned, S. Pejovnik indicates that these countries do not have an academy of Engineering as such. He is in contact with representatives of Academy of Sciences and Arts of Bosnia and Herzegovina and the Macedonian Academy of Sciences and Arts and will keep the Board informed of the progress of these discussions.

Rudi Hielscher reminds the Board of his proposal to consider the possibility to invite the Young Young Academy of Technology, Science, and Innovation (YATSI) which was established by the Danish Academy of Technical Sciences (ATV) to join Euro-CASE as an associate member. ALLEA is already in contact with YATSI. The Secretary General will contact YATSI to explore a potential collaboration.

4. Euro-CASE Finance

- **Accounts at 30.06.2023**

On behalf of Tim Chapman, Patrick Maestro presents the financial situation mentioning that the 2023 accounts at 31.06.2023 are in line with the budget. As far as 2023 membership fees are concerned, most of members academies have paid their contributions. A reminder has been sent to those that have not yet fulfil this obligation. The financial situation for Basic Secretariat is good, with a potential balanced result by the end of 2023.

The Secretary General states that the SAPEA expenses are fairly low in the first half of the year but will inevitably be higher in the second semester due to the organisation of a workshop for WP5 and the launch of the topic on Artificial Intelligence.

P. Maestro presents the Treasurer proposal to increase by 5% the membership fees in 2024, 2025 and 2026 to compensate for inflation, not covered by low increases in recent years. Tuula Teeri adds that for many years the membership fees have barely been increased, which means that the association's resources have been reduced given the inflation. In her opinion, the

association needs to be given the resources to work. Board members are invited to comment this

proposal and vote on this proposal. All the members at the exception of Italy, who abstains, vote for. Speranza Falciano, who represents ITATEC, explains she abstains in view of the lack of financial visibility and possible difficulties encountered in the creation phase of the Italian academy.

- Procurement and Euro-CASE's financial commitment procedures

Board members are invited to discuss and approve the procurement rules prepared for the meeting. Anne-Lise Høg Lejre suggests that for expenses over 15 000€ both the Secretary General and the Chair commit the expenditure. Accepted.

- Finance Committee

Finally, P. Maestro reminds the Board that one position for the Finance Committee is vacant. Academies are invited to volunteer. McKeague Seamus, representing the Irish Academy of Engineering proposes the candidacy of the past President of his academy, Tom Leahy. Unanimously accepted, with grateful thanks.

P. Maestro warmly acknowledges Chapman for his strong personal commitment and very serious monitoring of the Euro-CASE Accounts.

5. Frontiers of Engineering

- EU US FOE 2023 Symposium in the USA

The Secretary General gives an update on the forthcoming symposium which will deal with:

- I. The Quantum Era Challenge
- II. Computational Era in Life Sciences and chemistry
- III. Green Hydrogen
- IV. Future Directions in Additive Manufacturing

He confirms that the academies had made numerous proposals for Session Chairs and Speakers, but regrets that we had not managed to send enough General Participants.

On terms of communication, key messages will be prepared after the symposium and will be used to promote this activity.

T. Teeri urges Board members to encourage young colleagues to take part and to register them as soon as possible for the 2023 symposium.

Stane Pejovnik who organized the 2022 Symposium in Bled reports that American people attending this kind of symposium in USA usually become Fellow of the National Academy of Engineering.

- Candidacy for the 2025 2026 Scheme

Gérard Creuzet confirms that the National Academy of Technologies of France will organize on behalf of Euro-CASE the 2024/2025 scheme and host the 2024 symposium in Saclay (near Paris) or Bordeaux.

6. Potential Euro-CASE new Platforms and Activities

- Critical Raw Materials

Ben McAlinden summarizes the information provided in the briefing note and, more specifically, the exchanges with the European Commission.

The Board is asked to consider 3 possible next steps for the platform considering the resources of Euro-CASE and the involvement of the various member academies:

1. Do nothing and terminate the platform
2. Pursue a project around a limited scope defined from the Commission's expressed needs
3. Pursue a project that meets broader interests (not directly targeted at the Commission to address its expressed needs).

Tuula Teeri underlines that regarding Option 2, if Euro-CASE wants to provide help to the European Commission, which is not obvious, Euro-CASE has to work fast and professionally. This will imply a lot of commitment from member academies.

R. Hielscher mentions that according to the contacts already made and exchanges with the European Commission, Euro-CASE faces with a practical case of a request for advice, and it would certainly be judicious to provide the defined advice. He recommends to be clear enough and above all try to meet demand as best we can.

It is decided to:

- Continue of the work with a feasible objective
- Organise a meeting of the Working group to select 1 (out of 5 already discussed with the Commission) topic with the objective to prepare a restricted access expert workshop on the selected topic (but not with an evidence review report as the output)
- Stay in contact with the European Commission and involve them in the validation of the next steps

According to Martin Bech, from the point of view of communication and Euro-CASE visibility, responding to a request from the European Commission is essential. Board members will be informed of the follow-up.

T. Teeri and P. Maestro thank Tim Chapman and Ben McAlinden for their great involvement in this working group.

- Best practices to increase the success rate of scale-ups.

The Secretary General summarizes the information received from Bertrand Van Ee who was not able to join the board meeting. Unfortunately, for various reasons, contacts with Coalition of the Willing initiative in Europe and the European Sounding Board on Innovation have not progressed.

Instead of going towards a stop, and after listening to the needs expressed by Stane Pejovnik and Miklos Bendzsel, Patrick Maestro suggests to initiate an action on how smaller countries can get support from Euro-CASE network in term of innovation. One possibility would be to share members' best practices with regards to Policy making and Innovation Area. Outreach events could then be organized in countries which may need support.

The following academies expressed interest to take part in the working group: IAS (Slovenia), HAE (Hungary), ARB/KVAB (Belgium), IVA (Sweden) and NAE (Netherlands). A call for more participants will be made as soon as the project is defined.

This proposal will be submitted by P. Maestro to Bertrand Van Ee.

7. SAPEA: activities update

Marie Franquin provided an update on SAPEA and its various activities.

- About SAPEA

From October 2023 onwards the new Chair of the SAPEA Board will be Stefan Constantinescu from FEAM.

- Scientific topics

Marie reminds that the last report prepared within the framework of SAPEA is "Towards healthy and sustainable food consumption" Policy landscape. Erik Mathijs, project Chair, will present it to the Euro-CASE Board members at the end of the meeting.

Marie Franquin takes this occasion to thank all members' academies which have sent excellent candidacies for the topic for which Euro-CASE is responsible on "Successful and timely uptake of Artificial Intelligence in science in the EU" and assures that all academies will be kept informed of the outcome.

She briefly outlines the next steps presented in details in the briefing note:

Finalisation of the Working group composition and meetings

Organisation of a foresight workshop

Organisation of 3 evidence-gathering expert workshop

Preparation of the literature review

The project is scheduled for completion in February 2024.

On behalf of Euro-CASE, Marie Franquin thanks Anna Fabijańska nominated by PAN (Poland) and Andrea Emilio Rizzoli nominated by SATW (Switzerland), through the Swiss Umbrella organisation, for having accepted to co-chair this topic.

Member academies will be consulted in the coming weeks to nominate experts for the topic of Solar Radiation Modification which will be led by Academia Europaea.

- Other work packages

The revised Quality Guidelines, prepared by a group chaired by Jan Wörner, have been approved by the SAPEA Board and published mid-September.

As far as WP5 is concerned, Marie mentions that the webinar “Quality and methods of science advice” which was organised on 21.09.2023 is available on the SAPEA website.

It should also be noted that a 2-day workshop will take place in Warsaw on 17-18 October focusing on communications for academy staff. Finally, she briefly describes the consultation carried out and mentions that the results will be published in the autumn.

And last but not least, Marie Franquin points out the stakeholder consultation which has been conducted as part of WP7 to define a strategic development for SAPEA built on past experiences of academies, including some Euro-CASE academies who participated.

R. Hielscher adds that following the departure of Mariya Gabriel, Iliana Ivanova is Commissioner for Innovation, Research, Culture, Education and Youth for one year. Elections will be held in Autumn 2024 and it is to be hoped that the Director General and his staff will be maintained.

it is important to notice that Science Advice Mechanism is now opened to the European Parliament and Council. This is a positive signal that shows the interest in this project.

8. Annual Conference

- The 2023 Annual Conference in Madrid

Eloy Alvarez Pelegry says that the Real Academia de Ingenieria, of which he is a Fellow, was very honoured to organize the 2023 Euro-CASE Annual conference with the support of the Programme Committee made up of Academies representatives. Minutes of the Conference and a 2-page statement will be prepared and disseminated.

On behalf of Euro-CASE, Tuula Teeri and Patrick Maestro thank Eloy Alvarez Pelegry along with Antonio Colino and Ana Balmaseda.

A survey will be sent to member academies to get feedback on the past conference.

- The 2024 Annual Conference in Budapest

Miklos Benkzsel gives details on the 2024 Conference which will be organized on 23 September at the Budapest University of Technology and Economics. The proposed title is “Engineering Sustainability – New solutions for environmental, urban and health systems”.

The conference will be organized as follows:

Opening session:

HAE and Euro-CASE

3 Keynote speeches

Session 1: Current environmental Challenges (waste recycling, water management, industrial/nuclear decontamination)

Panel discussion

Session 2: Monitoring and Control of Urban transport and utility systems (working examples from the practice)

Panel discussion

Session 3: Health promotion and Ageing (technical needs and solutions)

Panel discussion

Closing session

Member academies will be invited to take part in the programme working group and/or propose good speakers for the different sessions. High level representatives of the European Institutions will also be approached to give a keynote speech.

The slides presented by Miklos Bedzsel are given in annex.

Regarding the 2025 Annual Conference, Patrick Maestro reminds the call for candidacy is opened. Seamus McKeague mentions that the Irish Academy of Engineering is considering to host the Conference in 2025 or 2026. Potentially interested academies are welcome to make proposals for as soon as possible, in order to establish a multi-year planning

9. Euro-CASE meetings in 2024

The 2024 meetings will be held as follows:

Executive Committee meeting in Paris, 22 March 2024

Board meeting in Paris, 7 June 2024

Annual Conference and Board meetings in Budapest:

Sunday 22 September 2024: Cultural program (Museum of Fine Arts / House of Music)

Board dinner

Monday 23 September: Annual Conference

Tuesday 24 September: Board meeting

Executive Committee meeting remotely, 22 November 2024

10. AOB

- Photo used in the Euro-CASE annual report 2016

The Secretary General specifies that negotiations are still going on, but will be closed soon.

- Request from ATV (Denmark)

Martin Bech indicates reminds ATV initial proposals of exchange. He received positive feedback from member academies. The topic that seems be of most interest is the dialogue on member countries collaboration with China in relation to science, technology and engineering and in particular with IVA. The proposed follow-up is the following:

- Member academies are invited to get in contact with Martin Bech to exchange experiences on science diplomacy.
- A second step would be to set up a Euro-CASE platform on this topic.

Some academies appear to be suspicious of contacts with China.

The secretariat will help Martin in organising the first meeting.

- Ukraine

Patrick maestro confirms that Euro-CASE paid the 6 000€ to Science for Ukraine as voted by the Board previously (contribution of a medium membership fee). The secretariat received the remembrance email below:

De : #ScienceForUkraine . <info@scienceforukraine.eu>
Envoyé : samedi 23 septembre 2023 17:20
À : Nadia PIPUNIC <mail@euro-case.org>
Cc : patrickmaestro <patrickmaestro@gmail.com>
Objet : Re: Donation for Ukraine to "Science for Ukraine"

Dear Nadia,

We have received the Euro-CASE's donation and wanted to thank you for such a generous support of ScienceForUkraine.

Recently, we've been registered as an NGO in Latvia and, thanks to this help, will be able to sustain our services and provide mini-grants for fellows from Ukraine. This could not have been achieved so fast without this donation

Please let us know if we can recognize your support on our social media channels.

Kind regards
Sasha Ivashchenko
ScienceForUkraine team

- CAETS 2023

Vedran Mornar, President of the Croatian Academy of Engineering presents the programme of the [2023 CAETS Conference](#) to be organised on Zagreb from 9 to 11 October. The theme is “e2–mobility, Solutions and Opportunities”. The conference will be divided into 5 sessions:

Electrification of transport and integration with energy systems

Batteries – the core technology

Hydrogen, Fuel Cells and electrofuels

Autonomous driving

Mobility modal shift

Board members interested to join the conference are invited to contact V. Mornar as soon as possible.

- CAETS 2024

Jari Hämäläinen made a presentation regarding the CAETS 2024 Conference organised by the Council of Finnish Academies and the Finnish Academy of Technical Sciences in Helsinki from 1 to 4 July. The theme will be: “Carbon free technologies and society”.

Member academies are invited to send to Jari Hämäläinen candidacies as speakers for the Conference.

11. SAPEA: presentation of the report “Towards healthy and sustainable food consumption” by the project Chair Prof. Erik Mathijs, KU Leuven.

His presentation is given in annex.

Tuula Teeri thanks Erik Mathijs and Board members for having taken part in this meeting in person. With no other information/comments the Board meeting is adjourned.

Paris, 23.10.2023