

Minutes Annual General Meeting for Members Tuesday 12 June 2018, Copenhagen

Attendance

EAGE Board:

Jean-Jacques Biteau (Chair)
Juan Soldo
Everhard Muijzert
Michael Pöppelreiter
Caroline Jane Lowrey
Oliver Kuras
Roald van Borselen
Walter Rietveld
Jörg Herwanger
Ingrid Magnus

Board of Directors:

Marcel van Loon
Remco Bax
Peter Verweij
Elsbeth Koutsoglou

EAGE Office staff

Alexandra La Rocca
Ilaria Meggetto
Georgi Dakov
Yury Petrachenko
Gerard Wieggerink
Raymond Cahill

Incoming EAGE Board members:

Peter Lloyd
Caroline Le Turdu
George Apostolopoulos
Aart-Jan van Wijngaarden
Colin MacBeth

About 50 EAGE members

Opening and confirmation of the agenda by Jean-Jacques Biteau

Mr Biteau opened the meeting at 14:30 hrs CEST.

President's report and strategy presentation

The president welcomed the incoming Board members and thanked the outgoing Board members for their contributions to the Association.

Mr Biteau invited Juan Soldo, EAGE vice-president, to address the attendees of the AGMM. Mr Soldo said he would resign from the EAGE Board on Friday (15 June) owing to professional commitments which would not enable him to adequately fulfill the role of 2018-2019 president. Mr Biteau announced that the Board had agreed he should continue for one more year as EAGE president. The resignation of Mr Soldo and the continuing role Mr Biteau as president were accepted by acclamation at the meeting. There were no questions or objections to the resolution.

The president presented the EAGE strategy.

The main three pillars of the EAGE five-year strategy were:

- **Globalization** - Present on all continents, with the focus on developing a strong foothold in Africa, China and North America
- **Membership** - Growth targets 25000 members by 2020 (perhaps too ambitious) and aims at reaching out to members in a more segmented way
- **One-stop shop for knowledge and community in geosciences** – Diversity plus broadening the range of disciplines and services offered to EAGE members, including an increased proportion of geology papers at the EAGE Annual Conference

Mr Biteau further highlighted:

- **EAGE Funds** - To support members and promote innovation and development as specified in the EAGE strategy, three long term funds (EAGE Education Fund, EAGE Cooperation Fund and EAGE Support Fund) have been in place since 2016.
- **Associated societies** – Growing number of Associated Societies, currently 88. Some of them were present at the conference and it was noted that there was a possibility to meet representatives at the Associated Societies' reception on Thursday afternoon (14 June).

- **Existing cooperation** – Mr Biteau highlighted the very successful Workshop on Deepwater Exploration recently organized in Mexico, further the EAGE/ HAGI Asia Near Surface Geoscience Conference in Yogyakarta, the EAGE/DGG Workshop on Mining and Tunneling Geophysics in Leoben, the EAGE/PESGB Workshop on Velocities in London, the First EAGE/AMGP/AMGE Latin-American Seminar on Unconventional Resources in Mexico City, and EAGE’s first workshop in West Africa – EAGE/ASGA Petroleum Exploration Workshop in Luanda.
- **Cooperations in development** – Mr Biteau mentioned some examples – the EAGE/IGA/DGMK Joint Workshop on Geothermal Energy in Strasbourg, the EAGE/ PESGB Joint Workshop on Machine Learning in London, the EAGE/BVG Workshop on Reservoir Geomechanics in Bochum, the Workshop on Least Squares Migration in Rio de Janeiro with SBGf, and the possibility of joint workshop with SPE in Argentina in 2019.
- **EAGE Local Chapters** – Jean-Jacques mentioned newly established Local Chapters in Houston, Ireland, London, Madrid, Aberdeen and Oslo and congratulated their presidents for great work.
- **Special interest communities** – the EAGE Women in Geoscience and Engineering currently has 1100 members and the Young Professionals SIC has 810 members.
- **Outreach programmes** – 600 memberships in 2018 across all regions
- **Geographical spread of EAGE members** – 45% of members in Europe, Asia-Pacific growing, North America strong too. There is a need to develop Africa in the coming years.
- **IT update** – Last year the Phoenix project implementation was difficult; currently all new EAGE event registration and Call for Abstracts is set up in the SAAS solution called EventsAIR by Centium Software. The EAGE Annual Conference was the first event using this software, an important step in the further

development of EAGE services in the community event management.

Secretary-Treasury Report by Everhard Muijzert

Mr Muijzert presented the Secretary-Treasury Report:

- **Constitutional change 2017/2018**

In December 2017, five amendments to the EAGE Constitution were proposed by the Board and these changes were submitted for voting by Members, which closed on 1 February 2018. All the proposed changes were approved by EAGE Members via an electronic ballot voting system. The updated constitution is available on the EAGE website.

- **The 2017 annual accounts of the Association**

Mr Muijzert presented the Statement of Income and Expenses for 2017. The Association spent more or less what we received, however the Holding (the operations) made considerable losses. Total result for 2017 excluding spending on EAGE Funds was - 1.288k EUR.

Mr Muijzert reported the spending of the EAGE membership support entities – the Cooperation Fund, the Education Fund, the Support Fund and the Green Fund (-783k EUR) as well as the result of the Student Fund Foundation (- 291k EUR).

The balance sheet 2017 ended with a total value of the Association and the Holding of 13.292k EUR. The Student Fund Foundation capital at year end was 1.565k EUR.

The financial auditor, Frank Bosma (Baker Tilly Berk Auditors) observed that the financial statements provide a fair and true view of the financial income and balance sheet as per the end of year 2017. He was happy to answer questions regarding the audit from the members.

A question from the audience inquired how much was the write off in 2017 due to the IT system change. Remco Bax answered that it was about 400k EUR. Mr Muijzert added that during the year changes in the IT system and the management of the system have been made. A member in the audience mentioned that members were still experiencing problems with log-in and abstract submission and access. Mr Bax noted that all IT issues could be addressed with the EAGE staff at the EAGE Community Hub during the conference. Everhard noted that the IT system was a priority for the Board and the Office.

Approval of the Annual Accounts

Mr Muijzert invited the meeting's approval for the Annual Accounts. These were approved and adopted by the meeting for the year ending 31 December 2017.

Deficits would be deducted from the General Reserves.

Discharge was granted to the EAGE Board for the year ending 31 December 2017.

Date of next Annual General Meeting for Members:

The 2019 Annual General Meeting for Members will be held during the June 2019 EAGE Annual Meeting in London.

There being no further business to address, Mr Biteau invited the participants to the second part of the AGMM – discussion at tables on topics concerning the Association's strategy. Participants also had the possibility to meet with representatives of the Oil & Gas division (OGGD) and the Near Surface divisions (NSGD), as well as of the Research Committee (RC) and the Technical Programme Committee (TPC), to learn more about their mission, work, and possibilities to participate in their activities.

Table #1 - Membership services and volunteering

Board/EAGE representatives: Roald van Borselen, Caroline Le Turdu, and Mr Bax attended.

Mr Borselen provided an overview of what had been achieved in the past two years, with the focus on technology, bringing people together, and tools in terms of regional conferences, the shift to regions with Local Chapters, and platform for networking. EAGE was striving to expand its footprint and collaboration with other societies.

Special Interest Communities and webinars with experts aired to the regions and LinkedIn videos were discussed as a useful tool to extend the EAGE family.

Milena Marjanovic, co-chair of the EAGE Women in Geoscience and Engineering Special Interest Community (WGE SIC) spoke about the community and the code of conduct it uses.

Some members on the table mentioned concerns about the future of geosciences at large:

- Continuing lay-offs
- Bad reputation
- Suggestion to go to the root problem through education of young people/children
- Attracting new talents was an issue

Paul Burnham provided feedback on the Annual Conference in Copenhagen. He suggested the need to improve the variety of the catering during the Icebreaker reception, provision of transportation cards valid on the day before and after the conference. He also advocated continuing to provide gifts for family members.

Table #2 - Regions and geographical growth

Board/EAGE representatives: Mr Biteau, Mr Soldo, and Peter Verweij attended.

Lixin Zhai, BGP, raised the possibility of paying membership fees in local currency. Paying in EUR and USD was very difficult for Chinese citizens. Mr Zhai suggested having representation in BGP. Mr Verweij thanked him for the suggestion, and said it would be

kept under consideration. He noted that EAGE was looking in the future to have a legal entity. Because of high costs, this was temporarily on hold but would be picked up again when the situation allowed.

Dr Abimbola Adewole Durogbitan, NAPE Nigeria/London, offered EAGE office space in Lagos Nigeria. The Nigerian Association of Petroleum Explorationists (NAPE) wants to cooperate with EAGE. Mr Verweij thanked him for the suggestion, which EAGE would review.

Henk Rebel, formerly with Shell, asked how many EAGE members there were in Nigeria. Mr Verweij said there were about 100, mostly through the EAGE outreach programme.

Mr Biteau stated he would very much like to see an event in Nigeria together with NAPE and AAPG.

Mr Rebel noted that the African Oil Week was the place to be and encouraged EAGE to team up with the event. Mr Verweij explained that in the last couple of years EAGE had sent a delegation.

Mr Rebel also reported that not all European courses work in China. The level of the courses was often pitched too high, and the English of some delegates was not sufficient. EAGE should therefore have a more country-specific approach to its courses.

Table #3 - Diversity

Board/EAGE representatives: Michael Pöppelreiter, Jörg Herwanger, Peter Lloyd, Marcel van Loon and Yury Petrachenko attended.

Gareth Williams raised a topic about diversity in the EAGE Board. In the past, EAGE had a tradition that the Board would make sure to alternate the EAGE vice-president-elect nominations between

representatives of service companies and energy producers. Why was there no rotation anymore?

A discussion followed with Mr Herwanger and Mr van Loon. They said diversity of the Board was a regular topic of discussion within the Board and ideas on how diversity could be maintained were continuously being sought. It would be good to alternate between academia, service and petroleum companies but also account for disciplines. Nomination to the Board was a big commitment for companies, and EAGE was dependent on the willingness of the companies to participate. It was agreed that more ideas were needed, and it would be good to adjust the approach to nominations by the Board to fully and systematically include diversity factors. Mr Williams confirmed that he would be interested to contribute further discussion.

Paolo Dell'Aversana raised the issue of the scientific diversity of disciplines. Taking the EAGE Annual Meeting as an example, it was heavily focused on geophysics, with little presence of such topics as geothermal. Was it possible to mitigate this prevalence by adding other topics, workshops, and research sessions from other fields?

A discussion followed with Messrs Herwanger, Pöppelreiter and Lloyd. The topic was always discussed in the strategy sessions of the Board meeting in September. It was necessary to be mindful of other societies offerings, and collaboration with them on joint events, which benefit both disciplines when topics partially overlap. The EAGE Annual Meeting was already quite diverse but more work was needed. Quite often a solution to a problem from another scientific area would be applicable in our field, or at least provide an inspiration to find a solution. Any interested member was invited to formally propose a new session, chair a session or a workshop, or submit papers. To add a new discipline, people were needed who have a network in that area and were willing to contribute their time to develop it.

Regarding the traditional diversity parameters Mr Herwanger said diversity was usually considered along the lines of region, age, and gender. The Board set a general goal to promote diversity, but he asked whether this was working well, and whether this was something that could be done better.

Messrs Lloyd and Pöppelreiter agreed that the Association was moving in the right direction, but needed to explore whether more specific quotas should be set and enforced. Ensuring age diversity helped to get new scientific ideas and added positive energy into discussions. Young professionals were more difficult to reach as they would usually be very concentrated on their jobs. Diversification parameters should be stressed when reaching out to companies looking for speakers etc.

Table #4 - EAGE Funds

Board/EAGE representatives: Everhard Muijzert, Ingrid Magnus, Colin MacBeth, and Raymond Cahill

Mr Muijzert explained that two years ago the EAGE Board established three targeted long term funds to support members and promote innovation and development as specified in the EAGE strategy (5 million EUR over five years).

- EAGE Education Fund
- EAGE Cooperation Fund
- EAGE Support Fund

The Board approved vision and mission for each fund was explained in more detail through PowerPoint presentations. Each fund has a dedicated fund manager assigned to develop a clear plan on the distribution of each fund. Once those plans had been presented, it was then the responsibility of the Treasurer and the Past EAGE President to validate the plans for the funds distribution.

Mr MacBeth brought up the question of 'How rich is too rich?' with respect to the obligations and government regulations placed on the Association when it came to donation acceptance and distribution. Muijzert mentioned that the government would like to see donations used within a period of three years with the society being allowed to retain 10% for development purposes.

Regarding the Education Fund, it was explained that there were some reservations on funding items like the Boot Camps, mainly due to cost per head and the low number of members that would benefit compared to online education which allows for much more reach at a lower cost per participant. It was mentioned that Boot Camps should look for independent funding from the region which is benefitting from the camp. Mr Muijzert mentioned that online investment was considered by EAGE to have better deliverables for members.

Concerning the EAGE Cooperation Fund, the only point raised was that take up in the membership outreach programme was less than expected and retention after was negligible.

The meeting time allotted was reached and Mr Muijzert expressed his willingness to answer any further questions should there be any outside of the meeting.

Table #5 - Oil & Gas Geoscience Division (OGGD)

Division/EAGE representatives: Caroline Lowrey, Michael Peter Suess, and Georgi Dakov

The main point of discussion was the current membership and engagement opportunities available in Brazil. With comments regarding the tentative resurgence of the global energy markets, Rubens Monteiro, Petrobras, attended the AGMM to highlight the opportunities to found local chapters, student chapters as well as facilitate events and workshops on enhanced recovery and data interpretation education. He also suggested that there was strong

willingness to begin a local chapter within Sao Paulo and also for interest within Petrobras to join EAGE's membership base with an institutional membership.

Mr Monteiro offered to as a starter for a discussion regarding an institutional membership with EAGE. Once the institutional membership was finalized, EAGE would explore the opportunities to set up a local chapter in Sao Paulo and the availability to facilitate training or inhouse courses for Petrobras.

Table #6 - Near Surface Division (NSGD)

Division/EAGE representatives: Oliver Kuras, George Apostolopoulos, and Gerard Wieggerink

Koya Suto and Mr Wieggerink reported on the successful execution of the first Near Surface event in Asia Pacific (held in April 2018 in Yogyakarta, Indonesia). Members present were pleased with the result and the geographical expansion of a near surface event in Asia Pacific. The staff were encouraged to continue this strategy. Mr Wieggerink reported that he was currently talking to the Geological Society of Malaysia (GSM) to hold the next joint event in Kuala Lumpur in April 2019.

There was a discussion on the technical scope of the event and the members would still like to see the more O&G related topics to be included since there were synergies, but also to keep geothermal in the list of topics.

There was also some discussion on the frequency. It was planned as an annual event (like in Europe), but it was possible that EAGE might not be able to provide the international (Western) speakers on an annual frequency. Time will tell if once a year is sustainable or needs adjustment. Feedback from participants and exhibitors seemed to indicate that there is a clear demand.

Table #7 - Research Committee (RC)

Committee/EAGE representatives: Malcolm Francis

No member joined this table.

Table #8 - Technical Programme Committee (TPC)

Committee/EAGE representatives: Walter Rietveld and Elsbeth Koutsoglou

Mr Rietveld, the Technical Programme Officer, introduced himself and explained his tasks over the year for the annual conference, including the timeline.

- During the annual conference a Technical Programme Committee (TPC) meeting is planned to evaluate the year and take the lessons learned to the next year.
- In the summer the proposals for the workshops are collected. The proposals were sent in by the Research Committee, the LAC and individual members.
- The TPC finally makes the calls about the content of the programme by September at the latest, including the dedicated sessions.
- The TPC also compiles the list of topics.
- Deadline for call for papers is 15 January, i.e 6 months before the Annual.
- In the autumn the TPC and EAGE Office search for reviewers and session chairs.
- After 15 January the abstract submissions are spread out over 300 reviewers.
- They have three weeks to review the papers (approx. 10 papers per reviewer and three reviewers per paper)
- Mid-February the Technical Programme Selection Meeting takes place in Houten. This is a face to face meeting with the TPC and 30 additional members.

- At the end of this meeting, which takes place over two days, the programme is rolled out early March.
- In March, April and May a lot of time is spent on withdrawals, filling the gaps, and searching for chairs. This continues until the event itself and even on-site.
- It is the responsibility of the TPO to guard the technical content of the Annual Conference.

TPO said next year there would be no separate student technical programme. Students would integrate into the regular TP programme and will have to fulfil the same requirements. Some other ways to accommodate students were being considered

The members at this table asked the following questions and comments:

- What were the rules for commercial content during the sessions? There was one workshop in particular that had commercial content about software. It was stated that no commercial content is allowed in sessions or workshops. Convenors are responsible for the content and compliance with the rules.
- Perhaps it would be an idea to have a mix of convenors from universities as well as from companies
- How can we attract more reviewers and chairs? It was mentioned that if you are a reviewer, you do not get any feedback afterwards. It was also noted that there is no feedback to the authors whose papers have been rejected. This is apparently done on request. It was considered ideal if, as a reviewer, you could have access to the system and see what happened to the paper you reviewed.

- It would be better if additions could be made to the submission requirements, for example that when submitting a paper the pictures need to be readable and clear.

Closure

The meeting was closed at 15:40 CEST