

EAGE

INCLUDING



EUROPEC

2022

EAGE ANNUAL

83RD CONFERENCE & EXHIBITION

MADRID | SPAIN

Event Report

About The Event

The 83rd EAGE Annual Conference & Exhibition was held in Madrid, Spain between 6-9 June 2022 under the theme 'Leading Geosciences in a New Era'. Once again, the annual event accomplished its mission of bringing together professionals, academia and industry to share their experiences, learn from one another and explore new developments and technologies.

Following the positive feedback, we would like to present this report, containing the event highlights and relevant statistics.

We would like to thank everyone who participated for making the event a success, and we hope to see you in **Vienna, Austria on 5-8 June 2023**.

'It was a great opportunity for geoscientists and engineers to interact and exchange opinions about the impact of the energy transition. The new era we are heading to, there will inevitably be challenges ahead, but we came out of this conference with the idea that there will also be opportunity associated with all these new energies and these new trends.'

Joseba Murillas

EAGE Annual 2022 LAC Chairman and
Executive Director Exploration & BD, Repsol

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INCLUDING SPE EUROPEC

The SPE Europec programme ran parallel to the EAGE Annual 2022 programme. This collaboration created a truly multi-disciplinary event, with a focus on the future of the E&P business, the energy transition and what needs to be done by the industry to get to net zero.

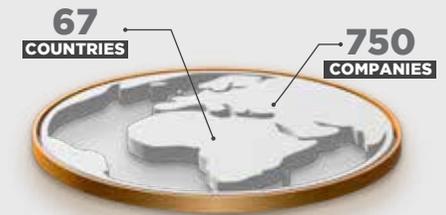
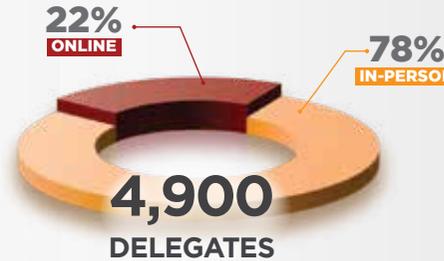


Conference and Exhibition

The convergence of science, technology, policy and ambition was the focus of many discussions throughout the programme of the EAGE Annual 2022 demonstrating how geoscientists and engineers contribute to solving the world's greatest resource challenges.



Integration of Technical Programme Domes on the Exhibition floor was for the second time well received and continued to prove their success in being able to bring Technical Programme participants and the exhibitors closer together.



'I'm really pleased to see that all the geoscience and engineering is being linked to providing affordable and sustainable energy. That link is clearly present in all presentations.'

Aart-Jan van Wijngaarden

EAGE Technical Programme Office and Leader Work Processes in E&P, Equinor



4
Forum Sessions



16
Executive-level Speakers



830
Presenters



1,046
Presentations



6,188
Sqm



150
Exhibitors



of attendees enjoyed the **innovative insight** during Technical Programme



of attendees valued the **level of new contacts** made during the event



‘The global energy supply crisis demanded new rules to the game. We need to rethink the energy transition. We have to accept that all kinds of energy will be there to guarantee security of supply or people will not be able to pay energy bills.’

Josu Jon Imaz

CEO, Repsol

Forums Programme

The EAGE Forum Sessions supplemented our extensive Technical Programme with a series of high level discussions between significant figures from across the industry.

This year’s Forums Programme featured a series of related one-hour plenary sessions over the four days of the Annual Conference. International energy industry leaders and analysts discussed the main issues, challenges and opportunities facing the geoscience and engineering community in this time of great uncertainty and rapidly changing energy landscape.

80%

of attendees were impressed by the **level of the speakers**

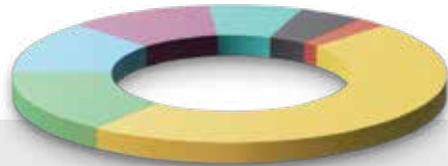


Source: EAGE Annual 2022 Delegate Survey



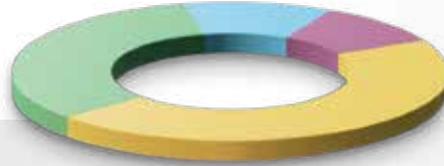
Delegates Overview

VISITORS BY REGION



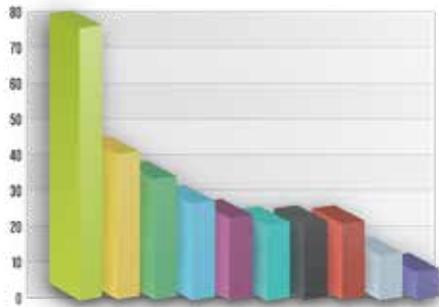
- EUROPE (63.6%)
- ASIA PACIFIC (12.2%)
- NORTH AMERICA (10.7%)
- RUSSIA & CIS (1.4%)
- MIDDLE EAST (7.8%)
- LATIN AMERICA (3.0%)
- AFRICA (1.3%)

VISITORS BY SECTOR



- SERVICE COMPANY (46%)
- PETROLEUM COMPANY (33%)
- UNIVERSITY/EDUCATIONAL INSTITUTE (11%)
- OTHER (10%)

VISITORS BY DISCIPLINE



- GEOPHYSICS (79%)
- GEOLOGY (42%)
- CO₂ STORAGE (35%)
- RESERVOIR ENGINEERING (28%)
- GEOHERMAL (24%)
- PETROLEUM ENGINEERING (22%)
- PETROPHYSICS (22%)
- ENVIRONMENT (22%)
- MINING (13%)
- GEOCHEMISTRY (8%)

VISITORS BY PROFESSION FOCUS



- EXPLORATION (49%)
- RESEARCH AND DEVELOPMENT (45%)
- GEOPHYSICAL DATA PROCESSING (43%)
- GEOPHYSICAL DATA ACQUISITION (34%)
- ACADEMIC (29%)
- ENVIRONMENTAL FOCUS (24%)
- INTERPRETATION STUDIES (23%)
- CONSULTING (22%)
- MANAGEMENT (19%)
- TRAINING (16%)
- MARKETING AND SALES (13%)
- ENGINEERING GEOLOGY (10%)
- PRODUCTION (11%)
- ECONOMICS AND PLANNING (7%)
- HR AND RECRUITMENT (3%)

'For all engineers and geoscientists out there, thank you for coming to this conference. There were incredible talents doing presentations and just really showing me that there have been advancements that probably a lot of people are not aware of. We are at the forefront of an incredibly complicated problem that we need to bring new innovation to and you are the ones to help us do this.'

Leanne Todd

Head of Upstream Solutions, S&P Global Commodity Insights

Devoting EAGE Annual to Energy Transition

The energy sector is rapidly responding to the challenges of the energy transition and the EAGE Annual was the perfect opportunity to discuss these developments. **Presentations on energy transition** accounted for **22%** of this year's programme.

We were delighted to introduce a **brand-new Energy Transition Area in the Exhibition** of our Annual Meeting this year, which was filled with companies working towards innovative decarbonisation solutions.

Next on the horizon for the community and everyone interested in energy in transition is the 3rd EAGE Global Energy Transition Conference & Exhibition, taking place this November in The Hague.



70%

of attendees were very satisfied with the **Energy Transition/Decarbonization element** in the Technical Programme

Source: EAGE Annual 2022 Delegate Survey



'I firmly believe that the future for many geologists around the world is in the carbon capture storage space, and it's really truly welcome to see that it's now a big part of the agenda of the EAGE community.'

Marc Gerrits

EVP Exploration, Shell

Devoting EAGE Annual to Digitalization

The EAGE Digital 2022 Conference, held in March in Vienna, provided an excellent foundation for discussing the impacts of digital transformation on the future success and resilience of the oil and gas and energy industries. Many of these discussions continued into various sessions at the EAGE Annual 2022.

This year **digitalization talks** accounted for **14%** of the programme, and there was also a large part of digitalization in the geophysical papers. The Hackathon on Explainable Artificial Intelligence (XAI) organized by the EAGE A.I. Committee explored ways in which we can build more interpretable machine learning tools. The now established Digital Transformation Area in the Exhibition featured two panel discussions on 'Challenging Decision for O&G Data Management Departments' and 'The Future of Computing in the Energy Industry'.

'I really enjoyed hearing the energy transition and digitalization talks. It's a great way to communicate our positive impact in that story, and EAGE is leading that conversation. I look forward to continuing to see them as part of the EAGE programme.'

Jasmine Tran

Vice President of Marketing, Ovation Data



EAGE Awards and Best Local Chapter Prizes

EAGE Awards are regarded as highly valuable and prestigious within the geoscientific community. As an Association with the mission of promoting innovation and technical progress, EAGE recognises the efforts of its members and their contributions to development and cooperation in geoscience and related engineering disciplines through 12 award categories. This year the Arie van Weelden Award is presented to two recipients for the first time in EAGE history.



EAGE Local Chapters are scientific communities based around a certain area (city, region or country) actively collaborating with the Association, promoting geoscience, the work of EAGE and the training and professional update of their members. Every year EAGE reviews their activities and honours the most active Chapters by assigning two prizes.

The recipients of the 2022 EAGE Awards and Best Local Chapter Prizes were announced during the Opening Session.

'I'm delighted to be the recipient of the 2022 Arie van Weelden Award. I would like to acknowledge EAGE and the Awards Committee, my colleagues all over the world, my mentors and students as this award will not be possible without them. I hope this award can inspire students and young researchers to pursue their goals.'

Leonardo Azevedo

Assistant Professor, Instituto Superior Técnico,
University of Lisbon





Community Activities

Through our network of communities and local chapters, we explored inter-disciplinary connections in geosciences and exchanged experiences in a series of talks during the Annual Conference.



of attendees really liked the **interaction** with **other participants** while attending the community activities



Top-rated community activities this year included:

- Women in Geoscience & Engineering session on 'Navigating Career and Life in a New Era'
- Advanced LinkedIn Training
- Local Chapter Madrid session on 'Geosecrets of Madrid'
- Young Professionals session on 'Remote Life – Challenges and Opportunities of Work and Education from Your Home Office'
- CV Advice

Student Activities

Students attending the Annual Conference also found dedicated activities to navigate the next steps of their academic path. This year the Laurie Dake Challenge final round was brought back to in-person at the EAGE Annual 2022. Let's cheer the team of University of Miskolc (Hungary) for winning the challenge! The renowned GeoQuiz was where students were challenged to show their geoscientific knowledge and skills in a fun environment. Local students in Spain and student chapter representatives were brought together to meet and talk about their experience and enjoy social interaction with their peers.



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STUDENT FUND

'Special thanks to the EAGE student programme and funding for not only making this event possible but also valuable for students. It has been a great opportunity to network with so many geoscientists.'

Gemma Jones

Cardiff University





Conference Evening

The networking and social activities provided a unique opportunity to reconnect the community after two years of limited in-person meetings. This year's Conference Evening was held at Palacio del Negralejo and it was sensational. Colleagues got together, enjoyed a wide selection of traditional Spanish, captured the good vibes at our photo booth and danced the night away.

'I really loved reconnecting with so many friends and partners in-person finally after a social drought.'

Joe Dischinger

AWS



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'Exhibiting at the EAGE Annual was a perfect occasion to showcase our latest developments to a wide range of experts from the O&G, geothermal and CCUS industries. Everybody was keen to interact and to discuss the latest challenges and solutions in the energy industry.'

Peter Haffinger

Co-founder and Technical Director,
Delft Inversion

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A large, stylized graphic for the 2023 EAGE Annual. It features a purple circle with "2023" inside, followed by "EAGE ANNUAL" in large white letters with black outlines. Below that, "84th CONFERENCE & EXHIBITION" is written in yellow, and "VIENNA | AUSTRIA" is in white on a purple background. The background is a green and blue digital network pattern.

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