



# 4<sup>TH</sup> EAGE DIGITALIZATION

CONFERENCE AND EXHIBITION

25-27 MARCH 2024 | PARIS | FRANCE

**DELIVERING BETTER ENERGY IN A TRANSFORMING WORLD**

**2 0 2 4   E V E N T   R E P O R T**

HOSTED BY



[WWW.EAGEDIGITAL.ORG](http://WWW.EAGEDIGITAL.ORG)

## ABOUT THE EVENT

EAGE Digital is our flagship event addressing the transformative impact of digitalisation, technology and innovation in the energy sector.

The fourth edition of EAGE Digital was successfully held on 25-27 March 2024 in Paris, France under the theme 'Delivering Better Energy in a Transforming World'. The event witnessed rapid growth, strong enthusiasm, and ambition for scaling the benefits of digitalisation. Attendees from around the globe gathered to explore, discuss, and collaborate on the latest advancements and challenges in the digital transformation of the energy industry. The vibrant atmosphere was a testament to the collective commitment and excitement within the community. We extend our heartfelt thanks to all participants, sponsors, exhibitors, speakers, and committees for contributing to this year's success.

In light of the positive feedback, we are pleased to present this event report, which includes key highlights and relevant statistics from the event.



"EAGE Digital is very important because it's one of the unique occasions where we can gather all the industry actors, including industry operators and service providers. We also included universities and schools to encompass the whole ecosystem, which is essential for delivering solutions to our challenges. Participating in the digital transformation helps us face these challenges."

### Gautier Baudot

Vice President Exploration  
Excellence & Transformation  
Chair, EAGE Digital 2024





“We’re changing, sometimes it feels slow, sometimes it feels fast, but we are nonetheless changing. We’re also trying to collaborate more and I see a lot more effort over the years of us trying to do that. It’s hard. It’s not easy, that’s for sure. But there’s a positive atmosphere and effort in the right direction. I think conferences like EAGE digital are really important. They’re arenas for sharing information, for networking, for collaborating, and for learning what’s going well, but probably more importantly, what’s not going so well so that we don’t fall into the same mistakes repetitively as an industry.”

## Cerys James

VP Transformation & Change, PGS

# CONFERENCE AND EXHIBITION

The conference examined digitalization as a crucial catalyst for innovation and the essential transformation needed for the energy transition.

It featured an array of sessions, including keynotes, case stories, panels, and roundtables that delved into the multifaceted aspects of digital transformation. Experts shared their insights on leveraging digital tools and technologies to enhance efficiency, sustainability, and profitability in energy operations. The exhibition served as a specialised marketplace where companies could display their latest technologies, innovative services, and solutions to challenges posed by digital transformation. The bustling exhibition floor was filled with demonstrations and interactive displays, allowing attendees to experience first-hand the innovations driving the industry forward.



**400+**  
Delegates



**29**  
Countries



**120**  
Organisations



**6**  
Keynotes



**6**  
Case stories



**3**  
Panels



**9**  
Round tables



**120**  
Speakers

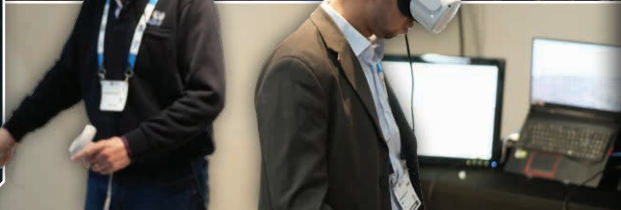


**20**  
Exhibitors



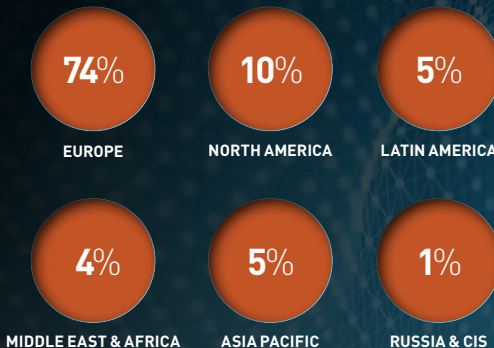
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Sqm



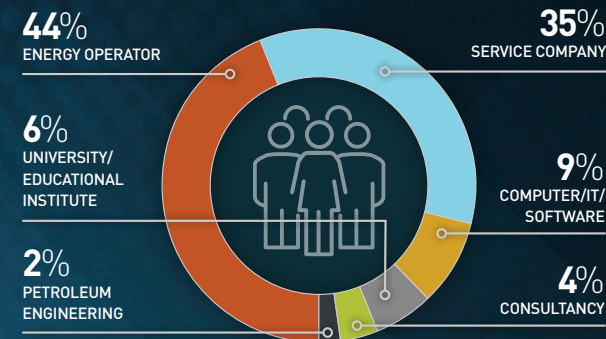


# DELEGATES OVERVIEW

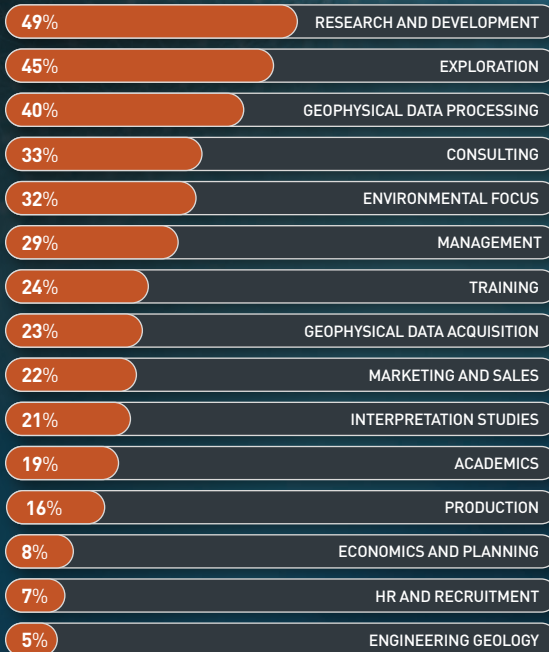
## Visitors by region



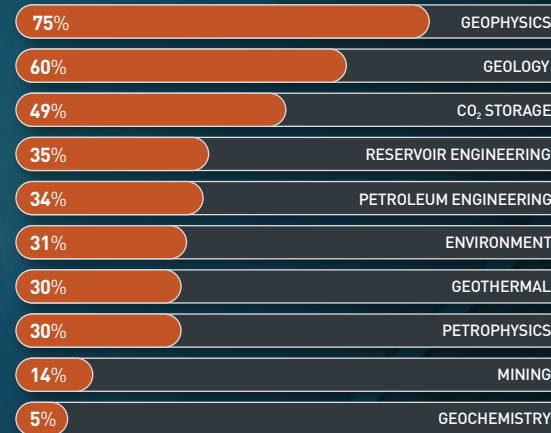
## Visitors by sector



## Visitors by professional focus



## Visitors by discipline





“My key takeaway for the conference is very much the importance of data foundation. We talked a lot about the power of GenAI, the power of integration, the power of visualisation of data, to really get key insights, to underpin the investment decisions underpin the way we do our reservoir development. But fundamentally, if the data is not in the right shape or of the right quality. Actually GenAI rapidly becomes garbage in, garbage out. So actually really getting this data foundation solid was for me a key takeaway.”

## Herlinde Mannaerts-Drew

VP Subsurface Transformation  
and CCUS, BP

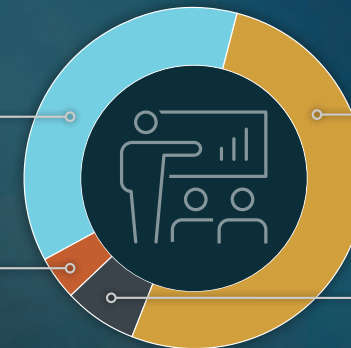
# TECHNICAL PROGRAMME

This year’s conference highlighted the importance of digitization in driving innovation and transformation within the energy sector. Over 100 technical presentations, both oral and poster, provided insights into various digitization initiatives at the crossroads of geoscience, engineering, data science, and energy transition. Key topics included applied analytics, machine learning, digital subsurface, carbon capture and storage (CCS), and overall energy transition efforts. Discussions centred on the benefits and challenges associated with integrating digital technologies in these areas. Additionally, the significance of key partnerships like OSDU was underscored as a major focus during the conference.

### Topics of presentations

**37%**  
DIGITALIZATION AND  
INSIGHT GENERATION

**4%**  
DIGITALIZATION AS A LEVER  
FOR ENERGY TRANSITION



**52%**  
APPLIED ANALYTICS &  
MACHINE LEARNING

**7%**  
THE DIGITAL SUBSURFACE  
& DIGITAL TOOLKITS



## STRATEGIC PROGRAMME

The Strategic Programme addressed a broad range of organisational and leadership issues. Embracing new technologies in geoscience meant inventing new ways of working and collaborating closely with non-traditional partners to drive innovation and create resilient companies. Discussions were driven by key daily themes, such as new ways of working, data and tools, and empowering people through digital. Leaders from various sectors shared their strategies for fostering a culture of innovation and resilience within their organizations, highlighting the role of leadership in navigating the digital era. The discussions were driven by three key daily themes:

- New Ways of Working
- Data & Tools
- Empowering People through Digital



“The main themes that are emerging this year, I can say that I see three different topics. The first one is the deployment of low-code platforms for all the industry and also correlated with the deployment. I can say the integration of data scientists inside geoscience and reservoir teams is very interesting. The second one is of course, the rise of LLM Models, the large language models since last year, this is amazing and we can see how this technology can be used to bring in new use cases for our industry. And finally, the third point, which is somehow correlated with the LLM, is the very, very accelerated pace of deployment of these solutions, because we can see that we need to accelerate and this need becomes more and more clear for us.”

### Kaveh Dehghan

Digital and Innovation Manager  
TotalEnergies



## SOCIAL PROGRAMME

The social programme, including the Icebreaker Reception and Conference Evening, provided delegates with opportunities to meet and network in a relaxed environment outside the conference sessions. These events fostered informal interactions, allowing participants to build relationships and discuss ideas in a more casual setting.



“This EAGE Digital edition has been very interesting on the strategy side to see what the different companies were thinking, both from the operator side but also from the independent software vendors or even from the cloud providers. This has been a great opportunity to see where all the ecosystem is going and the evolutions through the different years of this conference.”

**Camille Msika**

Principal Solution Consultant,  
AspenTech

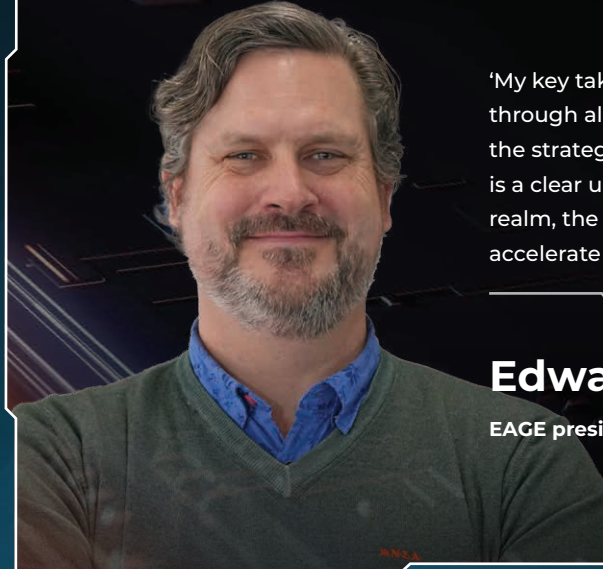




'The conference was the realisation of just how much is happening in digitalisation that I wasn't aware of. It's a massive effort spanning from data preparation and collation to the development of innovative technologies aimed at solving end-user problems efficiently. This process helps us focus more on problem-solving rather than daily data management. This conference covers a broad range of digitalisation topics, from data management to applications for end-users. It's particularly beneficial for the younger members of our industry who are the ultimate end-users.'

## Lindsey Smith

Geophysicist, BP



'My key takeaway, something that transpired through all the technical sessions and also the strategic programme was that there is a clear urgency from both the digital realm, the energy sector and all its players to accelerate digital transformation.'

## Edward Wiarda

EAGE president 2023-2024

'I was excited this year to hear a lot about AI and what's going on in that space. I think as an industry we always need to work faster and collaboration is really the only answer to get us there.'

## Patrick Kelly

Product line manager - subsurface data & insights, Chevron





# WITH THANKS TO

## HOST



TotalEnergies

## SPONSORS



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Commodity Insights



## EXHIBITORS



## MEDIA PARTNERS



**EAGE**

## LOOKING AHEAD

To sum up, EAGE Digital 2024 was an important event in propelling discourse on digitalisation and its impact on catalysing progress and sustainability in the energy industry. We are excited for EAGE Digital 2025, which promises to be yet another extraordinary event that will continue the momentum that started this year.

**We hope to see you again in the next edition!**

### CONTACT US:

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CONFERENCE AND EXHIBITION

24-26 MARCH 2025 | UNITED KINGDOM

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