



Promoting Technical and Operational Excellence Throughout the European Gas Industry

[GPAE Events](#)

[In Brief](#)

[Past Papers](#)

[September Webinar](#)

[Advertising](#)

[Sponsorship](#)



[The GPAE 2025 Conference in The Hague, The Netherlands](#)

The [GPAE Annual Conference](#) was held Wednesday 4th to Friday 6th June 2025 at The Hague Marriott Hotel, The Hague, The Netherlands.

One of the strengths of the GPAE is the large number of people who have been active members of our organisation and the industry for many years – several of whom presented during the Conference.

The conference kicked off on Wednesday 4th June with an afternoon Workshop with the theme of “*Purification of Gas for Cryogenic Processes*”. The Technical Conference started on Thursday 5th June, including a keynote speech titled “*Looking Beyond the Technology in CCS: Rethinking Execution, Commercial Viability & Ecosystem Enablement*”, a Panel discussion on “*Roadmap or Roadblock: CO2 and Hydrogen Pipelines*”, as well as Technical Papers on the following themes from Aramco & MTR, Baker Hughes & BASF, Bechtel, KBC Process Technology, Saipem, SGS Amine Experts, SGS Sulphur Experts, SINTEF, TotalEnergies, and Worley Comprimo:

- CO2 Infrastructure
- Green Hydrogen / Green Ammonia
- CO2 Capture
- Traditional Gas Industry

There was an Exhibitors Reception on 5th June, including Vahterus, PetroSkills, SulfaTrap, and Parker Hannifin, and Technical “Poster” presentations from Parker Hannifin, Bechtel, Axens, BASF, Worley, and VSL.

We’d also like to extend our thanks to the Conference Sponsors:

Gold Sponsor



kentplc.com

With 100 years of know-how, Kent designs, builds and maintains the assets that power the world for today and make it future-ready for tomorrow. From consulting to design, construction, commissioning and start-up through to maintenance and decommissioning we leverage the brilliant minds and expertise of our 13,000 talented people to courageously tackle the greatest challenge of our time, to bring our world the energy it needs in the most responsible way ever imagined.

Gold Sponsor



Parker.com

Parker is delivering lighter, more efficient solutions and building on an established pedigree in electrification, hydrogen and alternative fuels. Discover how the highly complementary nature of Parker’s technology portfolio uniquely positions the company as a strategic partner to customers during the global shift to a more sustainable future.

On Wednesday 4th June, we also held a free dedicated Training Day for our Young Professionals, including interactive sessions on “*Overview of Net Zero and Renewables and Safety Aspects of Hydrogen*”, sponsored and facilitated by PetroSkills, a “*Shell Climate Action Simulation Game*”, facilitated by Shell, and a 2 hour evening networking reception event, enabling the Young Professionals’ to network with senior leaders who were attending the Conference.

PetroSkills®
John M. Campbell

petroskills.com

A Selection of Photos from the Conference & Young Professional Training Day



The Workshop Speakers and the Session Moderator – left to right: Paul Stockwell, Process Vision Ltd; Dr. Hans Kumar, SLB; Marcel Scholten, Norit Activated Carbon; Samantha Nicholson, Fluor; Dr. Tobias Eckhardt, BASF Process Catalysts GmbH



Pavan Chilukuri, Energex Partners, giving the Keynote Speech on *Looking Beyond the Technology in CCS: Rethinking Execution, Commercial Viability & Ecosystem Enablement*



The Panel Discussion - *Roadmap or Roadblock: CO2 and Hydrogen Pipelines* – left to right: Peter van Elferen, Gasunie; Dr. Manohara Manohara Gudiyor, NPL Management Ltd; Thomas De Cazanove, Shell; Dr. Thomas Fontfreyde, Genesis Energies; Stuart Penson, Gulf Energy Information



One of the 15 Technical Presentations – Mike Sheilan, SGS Amine Experts



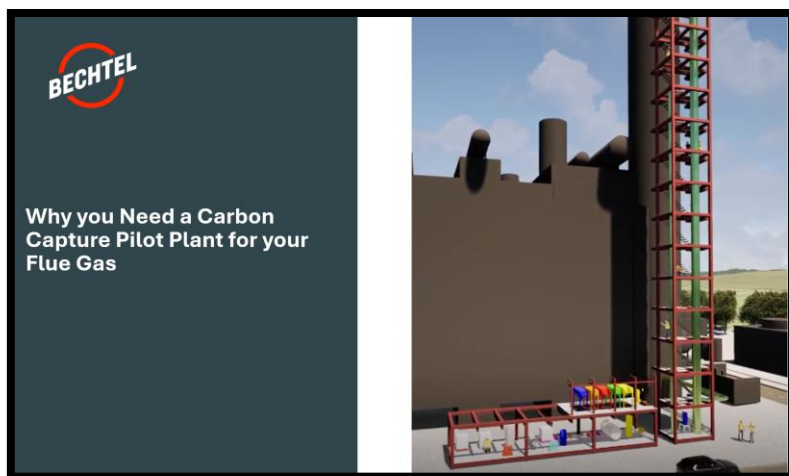
The Young Professional Training Day Delegates & Facilitators

For our programme and regular updates, please visit our [events page](#) and/or connect with us on [LinkedIn](#)

[GPAE Annual Conference 2025](#)

[April Webinar](#)

The latest Technical Webinar took place on 17th April, with a presentation from Jade Gray and Martin Curtis of Bechtel on ***“Why You Need a Carbon Capture Pilot Plan for your Flue Gas”***



To view and/or download the Webinar, [click here](#).

[Download/View](#)

2025/6 Schedule of Events

**** Save the Dates! ****

Date & Time	What	Where
25 th September, 11.30am-12.30pm UK time	Free Technical Webinar	On-line
20 th November 2025	GPAE Technical Meeting & AGM	London, UK
3 rd -5 th June 2026	GPAE Annual Conference ** includes a visit to The Northern Lights Project **	Bergen, Norway

Be part of our conferences promoting a new energy future and the transition of our industry towards that future: we are looking for stories about the development of technology and best practices affecting Natural Gas processing. As well as a look at Hydrogen, Biogas, Ammonia, Carbon Capture and Storage, and LNG amongst others, to inspire the gas processing community. Email your abstracts to: admin@gpaeurope.com.

Awards: each year we present an award at our AGM for the best paper. The Best Paper Award is selected by our conference attendees and is based on the feedback scores received.

The Aungier Award is also granted for the best paper presented by one of our Young Professionals at our conferences. The winner is decided by our Technical Committee. Alongside the award, the winner will also receive £1,500.

[Get Involved](#)

[Call for Papers!](#)

Be part of our conferences promoting a new energy future and the transition of our industry towards that future. We are looking for stories for the following events:

Technical Webinar, 25th September 2025

Webinar Theme: Gas to X

Do you have any exciting things to share on your industry transformation, elimination of flaring, renewable energy, or repurposing emissions?, for example, methane recovery, place of natural/bio gas in energy transition, MOFs, or CO2 to methanol.

Note: only a presentation is required for a Webinar. A technical paper is not required.

Technical Meeting and AGM, 20th November 2025, London, UK

Technical Meeting Theme: Gas Processing topics such as Natural Gas processing, Hydrogen, Biogas, Ammonia, Carbon Capture and Storage, and LNG, etc.

2026 Conference 3rd to 5th June in Bergen, Norway

Conference Theme: decarbonisation

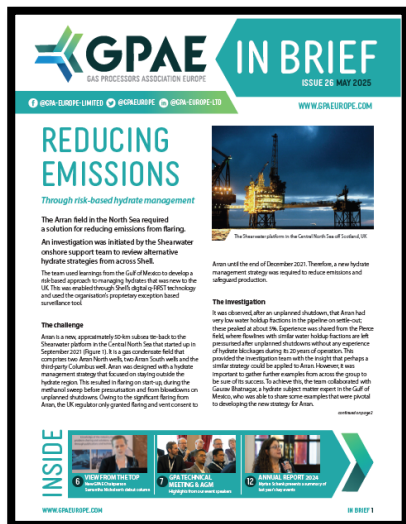
Please submit your abstract title, author, and 100-200 words to admin@gpaeurope.com

We would love to hear from you... come and share your story with us!

[Submit Your Abstract](#)

**** The Spring/Summer 2025 In Brief is now available for download! ****

If you have an article or something to share with the community, or would like to sponsor the Autumn/Winter 2025 In Brief publication, let us know at admin@gpaeurope.com



Our Spring/Summer 2025 issue of In Brief is available - [Click here to check it out!](#)

This issue includes a call to the next generation of Engineers, a report out on the 2024 AGM & Technical Meeting, held in London, UK, the 2024 Award recipients, and the Chairperson's Annual Report.

The lead article, contributed by Tom Brawley of Shell, is titled "Reducing Emissions Through Risk-Based Hydrate Management".

Please contact the GAPE Team if you would like to contribute towards our next issue. Opportunities include: contributing towards the lead article, advertising, or giving an update to our members - email admin@gpaeurope.com

[Get In Touch](#)

Paper/Presentation of the Month – June 2025

In this month's Newsletter, we are pleased to announce that the most popular downloaded paper/presentation of June 2025 was ...

CO2 Conditioning - Design Challenges

This paper was presented at the Presented at GPA Europe Annual Conference 2025, The Hague, by **Dr. Myrian Schenk - Baker Hughes (BH), and Dr. Tobias Eckardt - BASF**

Authors: Myrian Schenk (BH), A. Cruz (BH), C. Weingaertner (BH) H.Albaroudi (BH) and Tobias Eckardt (BASF), P. Greene (BASF), H.N. Cao (BASF)

Carbon capture and sequestration (CCS) is a technology that is ready to be implemented to reduce the impact of greenhouse emissions and to reduce global warming. Carbon dioxide is captured at the point source then transported and mostly stored permanently in geological formations, preventing its release to the atmosphere.

More than six billion tonnes of CO2 will have to be transported from the CO2 sources to storage sites by 2050 to meet the requirements of the International Energy Agency (the 2- degree scenario), requiring large investments also in transportation infrastructure.

Injecting CO2 downhole is not a new process requiring new technology. The oil and gas industry has been doing this since the 1960s, when high-pressure CO2 was used for enhanced oil recovery.

Independent of the technology used for the capture, the CO2 needs to be conditioned before it can be transported and injected into selected reservoirs. Steps of purification and compression are always needed, and different

impurities will be present depending on the CO2 source. In general transport can be done in liquid (example shipping) or dense phase (example pipelines).

Even though first projects have been commissioned there are no industry-wide agreed specifications for the treated CO2. Allowed contaminant concentrations will affect design considerations and employed technologies. In fact, the purification effort will vary from project to project.

We know for certain, that the impurities will change the thermodynamic/physical behaviour of the CO2 and some impurities will need to be removed or dealt with in transport/injection.

In this work we show the impact of removing impurities during purification versus dealing with them in the transportation. We will use a “backwards approach’ (i.e. starting from the today required specifications- which are various) to identify which contaminants are difficult to remove. A trade-off and determining an acceptable level of accuracy is required to minimise costs- a qualitative analysis will be presented.

[Download the Paper](#)

[Advertisement](#)

[Register for your trial subscription to Gas Processing & LNG](#)



[Click here to register for your trial subscription to Gas Processing & LNG](#)

If you have news you would like to share with our members, please email us at admin@gpaeurope.com

Your GPAE Team
admin@gpaeurope.com
+44 (0) 1252 625 542

Stay up to date with us by following us on LinkedIn



You received this newsletter because you are a member of GPA Europe or requested to be part of our mailing list. If you no longer wish to receive the GPA Europe monthly newsletter, simply [unsubscribe](#)