

Highlights



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Copenhagen Industry Day looks to the future

Innovation in general and the growing importance of carbon capture & storage (CCS) in particular were the themes of IOGP's Industry Day in Denmark's capital. There, some 60 representatives of IOGP member organisations and other industry leaders gathered to discuss and debate the ideas raised by two distinguished panels

IOGP EU Affairs Director François-Régis Mouton opened the event, concentrating on the importance of our industry to Europe's continuing prosperity. He went on to moderate the first panel, which began with remarks by Mike Borrell, Total's Senior Vice President Continental Europe and Central Asia (and a member of IOGP's Management Committee (MC), as Industry Day host. He spoke about the need to strike a balance between oil and gas and renewables in a lower carbon emissions future. He also spoke of IOGP's essential role in that future.

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Meanwhile in Houston: IOGP Americas Director leads OTC's golden anniversary celebration

While IOGP held its first world gathering of 2019 in Copenhagen during the second week of May, the Association also featured prominently at another major industry event that coincided with the AGM: the Offshore Technology Conference (OTC) in Houston, organised by 13 international professional associations, including the Society of Petroleum Engineers (SPE).

This year's OTC conference was a milestone, celebrating its 50th anniversary. It spanned more than 52,000 square meters with more than 2,300 exhibitors, and included major equipment installations, holograms and interactive displays - actively engaging 59,200 attendees from over 100 countries (more info on <http://www.otcnet.org/press-releases/>).

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Other panellists were:

- Monika Hausenblas, Shell's Executive Vice President Safety & Environment (and a former IOGP MC Chair) who spoke of her company's aim to become a world leader in the power sector
- Philippe Ducom, ExxonMobil's President, Europe, who addressed his company's strategy and outlook for the future, with particular emphasis on Europe, the Oil & Gas Climate Initiative (OGCI) and the role of IOGP.
- Martin Næsby, Oil Gas Denmark's Executive Director, who concentrated on national issues including energy transitions, the impact of North Sea mergers and IOGP's role vis-à-vis national oil industry associations.

A second panel, chaired by IOGP Global Engagement Manager Olaf Martins, looked at carbon capture & storage (CCS) within the context of innovation. Panellists were:

- Guloren Turan, the Global CCS Institute's General Manager Advocacy & Communications, who explained her organisation's vision for CCS globally and within Europe, outlined technical challenges and stressed the need for gaining public acceptance of CCS.
- Paula Coussy, IFPEN's CO₂ Project Manager, tackled the issue of storage in both Europe and the US and also provided an overview of a study on hydrogen power production for Europe.
- Tim Bertels, Project Director for CCUS Porthos in the Port of Rotterdam, gave an overview of the project, including its importance for Europe and the handling of public acceptance issues.
- Søren Juel Hansen, Energinet's Head of Development, provided insights on the importance of electricity-gas sector coupling, the feasibility of repurposing gas infrastructure for hydrogen and CO₂ transport and the challenges and costs of an emission-free gas future.

Continuing the theme of innovation, the Industry Day concluded with a visit to the Danish Hydrocarbon Research & Technology Centre.

IOGP comes together in Copenhagen

Members representatives from around the world gathered in Denmark's capital for IOGP's 45th annual general meeting (AGM) on 5 May.

Total was the host company, and Management Committee Chair Fawaz Bitar began proceedings by thanking Mike Borrell, also on the MC, for Total's generosity in hosting the previous evening's tour and dinner at the Danish National Museum.

The Chair went on to highlight the multiple challenges that the industry faces; from economic to regulatory and social. "All are interconnected," he said. "Economically, we need to improve our efficiency as an industry; eliminating waste and so helping to maximise returns for shareholders." He cited JIP33, originated and now managed by IOGP, as a prime example of how to keep the industry competitive and make it more efficient.

On the regulatory front, he then described how IOGP is being called on more frequently to liaise with regulators in order to maintain the industry's licence to operate. "That is our main focus in Brussels," he said and, increasingly, "IOGP is being called on to work with new producing nations in the first stages of creating their regulatory regimes. With them, we are introducing and sharing good practice."

He then commented on public concerns over climate change. A lower emissions future notwithstanding, he said, "A world growing in population and prosperity will need more energy and

our industry will continue to play a crucial role in providing that energy. Even in the International Energy Agency's Sustainable Development Scenario for 2040, oil and gas will still be needed to meet 48% of the world's energy demand – alongside other energy sources such as solar and wind."

The Chair then handed over to IOGP Executive Director Gordon Ballard, who provided a financial review that included a run-through of the year's achievements. Among these was the launch of Project Safira to eliminate upstream fatalities and the initiation of the 5-star campaign to promote the use of safer fleet vehicles around the world. Gordon also referred to the recording of fewer fatalities than ever in the Association's latest report on *Safety Performance Indicators*. Other achievements included the first ever official IOGP representation at the UN Climate Change Conference COP in Katowice, Poland, work with environmental regulators in Africa, signing up to the Methane Guiding Principles and involvement in the B20 before the G20 summit in Buenos Aires.

Resolutions passed at the AGM included approval of 2018's statutory accounts, the reappointment of the Association's auditors, approval of the 2019-21 MC elections and the election by national oil companies of Petrobras and Petronas to serve on the MC as Designated Members.

The next general meeting will be held in Kuala Lumpur, Malaysia on 20-21 November. Petronas will be the host.

IOGP Americas Director leads OTC's golden anniversary celebration

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Wafik Beydoun

Wafik Beydoun, IOGP's America's Director and also chairman of the OTC Board of Directors, commented on how innovation is changing the upstream oil and gas industry for the better (also IOGP's theme in Copenhagen). Wafik focused in particular on new digital technologies such as artificial intelligence, machine learning and neural networks "all of which are helping streamline the industry, making it more efficient and safer and helping in decision-

making. It is impacting the life cycle of oil and gas operations from exploration to production to decommissioning," he said.

Wafik also spoke about strengthening the links between IOGP and the American Petroleum Institute (API), in the Houston office of which he is co-located. "My role is to secure a stronger partnership with API that helps us work more closely together."

Also speaking at OTC on behalf of IOGP was the Association's Environment Director, Wendy Brown. On 8 May she chaired a panel session, part of OTC's Golden Anniversary 'Around the World' series, to debate the oil and gas industry's role in helping Guyana to achieve its Sustainable Development Goals (SDGs) in the context of its proven offshore resources. The panellists included Nicholas Chuck-A-Sang (Guyana Department of Energy) from the national government's perspective; Erik Oswald (ExxonMobil Exploration Company) from the perspective of a major operator with the largest oil discoveries in Guyana in the last decade; Becci Collacott (IPIECA) and Valerie Marcel (Chatham House), who provided an NGO point of view.

In her introduction, Wendy pointed out that new volumes of hydrocarbons will be needed since "Even in the International Energy Agency's Sustainable Development Scenario for 2040, oil and gas is predicted to meet 48% of the world's energy demand."

She went on to applaud Guyana's approach so far, citing a \$20 million credit from the International Development Association to strengthen the country's institutions, laws and regulations to promote good governance and prudent management of Guyana's oil and gas sector. "Given the competition for such support, Guyana must have put forward a very strong case indeed." Wendy went on to quote the World Bank's Country Director for the Caribbean, Tahseen Sayed, who said: "Well-managed oil revenues can have a transformative and sustainable impact on a country's development. Guyana today has an extraordinary opportunity to reduce poverty and bring long-term benefits to its people."

Nicholas Chuck-A-Sang spoke of Guyana's ambitions for achieving the SDGs and their Greenstate Development Roadmap. Erik Oswald shared the story of ExxonMobil's world class discoveries in Guyana's Stabroek block, with gross recoverable resources estimated at more than 5.0 billion barrels of oil equivalent. Becci Collacott explained how the oil and gas industry has the potential to contribute to all 17 SDGs. Valerie Marcel stressed the important policy decisions that Guyana will make and how they will shape its development path for years to come.

"Thanks to effective promotion by OTC, our session was standing room only," Wendy reports, "and featured a lively and interesting debate". For more details, visit: http://2019.otcnet.org/_media/Show%20Dailies/DAILIES/OTC19-Wednesday_FINAL.pdf

IOGP moves closer to the heart of the EU

After years at the end of the Metro line in Brussels, IOGP moved on 29 March to the city centre in the area known as Montgomery.

This borders the Schuman Quarter, home to the European Commission. Montgomery also encompasses one of the city's most popular green spaces, the Parc Cinquanteaire, best known for its landmark triumphal arch.

"All of us are very excited about IOGP's new Brussels location. Being closer to both the Commission and the European Parliament (just a few Metro stops away) will make us more effective and efficient at our jobs. And it's a real bonus that our new location is also in such a pleasant area," says EU Affairs Director Francois-Regis Mouton.

The new address is Avenue de Tervuren 188A, B-1150 Brussels, Belgium. Telephone +32 (0)27907762.



Frederic Auger to lead the Geomatics Committee



Frederic Auger

IOGP's Geomatics Committee has elected Frederic Auger of Total as Chair. He succeeds Walter Jardine of BP, who is now serving as a vice-chair.

Frederic's new role complements his full-time position as Total's chief surveyor, based in Pau, France. In this capacity, he puts his expertise to work in positioning, topography and geodesy. "I'm involved in all seismic, drilling and work on projects and

construction operations for E&P. It's also my responsibility to validate the geomatic parameters to be used for all Total's upstream areas of interest," he says. He is also a member of the commission GEOPOS from CNIG (Conseil National de l'Information Geographique, Ministère de l'Industrie, France).

Having obtained a MSc in Topography & Geodesy at ENSAIS (now INSA Strasbourg), Frederic went on to do a six-month internship at Total. After a period spent working in software he relocated to Kourou (French Guyana) as a surveyor for CNES at the CSG (Centre Spatial Guyanais). In September 1991 he worked as GIS developer for ESRI France.

Frederic joined ELF in May 1992 as surveyor, mainly focused on positioning assistance to seismic, drilling and project & construction operations for E&P, worldwide.

After nine years, Frederic moved to Total Angola as a senior surveyor in charge of survey and positioning activities for the subsidiary. There, for the company's Girassol field, he developed

new deep-water acoustic positioning techniques and methods, which are still in use for all deep-water projects. He also contributed to the installation of the industry's first deep water geodetic network and has had great success with deep water metrology.

"I'm very proud to lead the Geomatics Committee for the next three years. It is a great privilege for me personally but this also a recognition of the Geomatics discipline at Total and of the strong involvement of my colleagues. It is going to be difficult succeeding to the previous excellent chairs but I will try to do my best", he says.



IOGP MC Chair Fawaz Bitar (right), thanks Walter Jardine now the Committee's vice-chair.

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