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**THE OPEN GROUP OSDU™ FORUM
QUARTERLY NEWSLETTER**

2Q 2021



*The Open Group OSDU™
Forum delivers an Open Source,
standards-based, technology-
agnostic data platform for the
energy industry that stimulates
innovation, industrializes data
management, and reduces
time-to-market for new solutions.*

WELCOME NOTE FROM PHILLIP JONG, CHAIR OF THE OSDU FORUM



Welcome to the third edition of The Open Group OSDU™ Forum quarterly newsletter.

The OSDU Forum successfully launched the OSDU Data Platform Mercury Release on Wednesday, March 24, 2021. The two Webex events used for the launch attracted over 2000 attendees from around the globe and generated significant media coverage in both the oil and gas and technology titles. Examples of articles generated from the launch can be found in this newsletter.

You can find details on how to access the latest OSDU Data Platform documentation and tools on the osduforum.org site. There you will also find some demo videos from Members who have developed applications for the Mercury Release.

The MarketPlace section of the osduforum.org site now has 18 organizations who have added their applications, services, data sets, and training materials for the OSDU Data Platform to the OSDU Catalog. If you would like to add your organization's product or services to the OSDU Catalog, please visit <https://catalog.osduforum.org> to create an Account.

Finally, I would personally like to thank everybody who has contributed to the successful launch of the OSDU Data Platform Mercury Release and look forward to working with our Forum Members to further develop the platform in the years ahead.

Stay Safe!

OSDU DATA PLATFORM MERCURY RELEASE LAUNCH

On March 24, 2021, the OSDU Forum brought together vendors and end-user organizations from across the globe to explore how the new data platform will help energy companies embrace today’s transformational technologies, stimulate innovation, and reduce costs. Sessions were hosted by a plethora of leading industry experts from Shell, bp, ExxonMobil, and Schlumberger who talked us through the history of the OSDU Forum, the benefits and use-case of the data platform, and the Forum’s plans for the future. It was fantastic to see over 2,000 attendees from around the world gather virtually to learn about the spectacular work of the OSDU Forum. Here are some of the highlights.

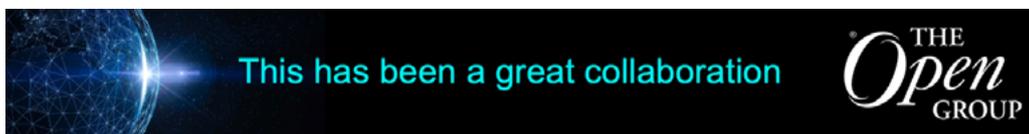
A Great Collaboration

The day was kicked off by an introduction from Steve Nunn, The Open Group President and CEO, and Phillip Jong, OSDU Forum Chair and Manager Data Foundation Design, Shell Global Solutions. Both Steve and Phillip highlighted the great level of collaboration that has gone in to creating the OSDU Data Platform. Amid the global pandemic, this huge team effort between OSDU Forum Members, software developers, and The Open Group staff amounted to a massive 2,372 days of WebEx meetings in 2020 – a truly impressive feat. In his opening address, Steve noted that this global collaboration is “imperative to the world’s changing energy demands” – and it doesn’t stop after the launch of the data platform. In fact, as Phillip highlighted, this is just the beginning of the Forum’s drive to put “data at the center of the energy industry”, helping it meet its main strategic priorities: digital transformation and energy transition.



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- **193** member companies
- **133 to 212** active software developers
- **57 to 107** active staff on R3 projects
- **150** staff on Technical Subcommittees and projects
- **18+** staff of The Open Group
- **1.06 Million** person-minutes (2372 effort days) on Webex meetings in year 2020

It has been done during COVID-19



The Power of Openness

Expanding on the theme of collaboration, keynote speakers Michael Deal, Vice President of Research Technology and Digital Development, ExxonMobil and James Moran, Vice President of dataWorx, Innovation & Engineering, bp took an illuminating look at the power of openness for reaching a shared industry goal.

Holding fundamental roles within two OSDU Forum founding Member organizations, Michael and James reflected on the Forum's journey since it was first established. We heard how, in 2018, nine Oil and Gas companies came together to address common data challenges within the energy industry. In the space of just two years, the OSDU Forum accumulated 193 Member organizations, including energy suppliers, cloud services providers, software vendors, and academic institutions.

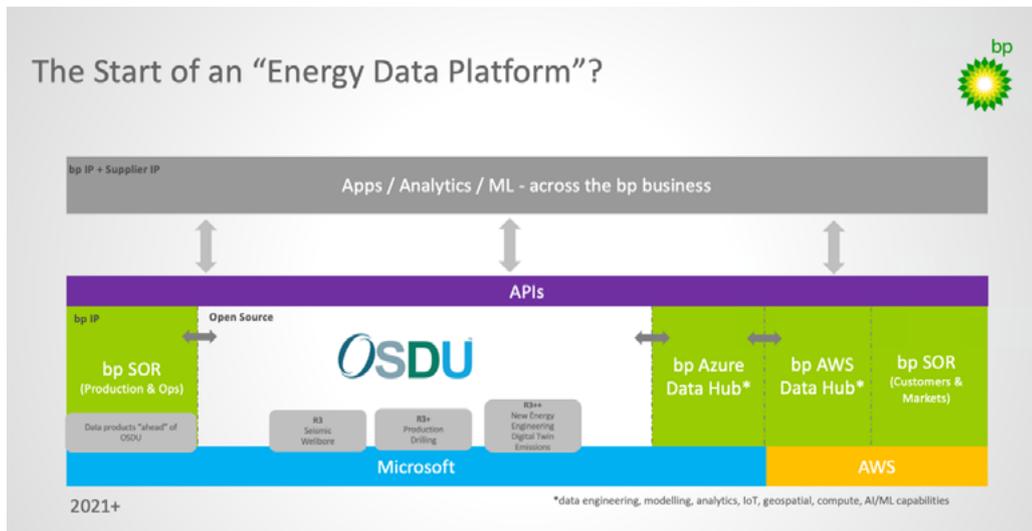


James Moran at bp walked us through the different releases of the OSDU Data Platform since the OSDU Forum was established in 2018

Crucially, these organizations are united by a shared goal of delivering a common, Open Source architecture that underpins how the energy sector works with its data. Demonstrating the power of this mentality, Michael opened his keynote by stating, "we're gathered here to celebrate a milestone, and the collaboration, leadership, and hard work to get us to this point". With this, he urged others in the industry to put aside company boundaries and embrace openness for the greater good of the energy sector.

Michael and James outlined the sheer scale of the industry contribution that has been crucial for developing the OSDU Data Platform Mercury Release. This includes collaboration not only between Members, but also with a number of standards bodies such as the [Energistics Consortium](#), [The Professional Petroleum Data Management \(PPDM\) Association](#), and [The International Association of Oil and Gas Producers \(IOGP\)](#).

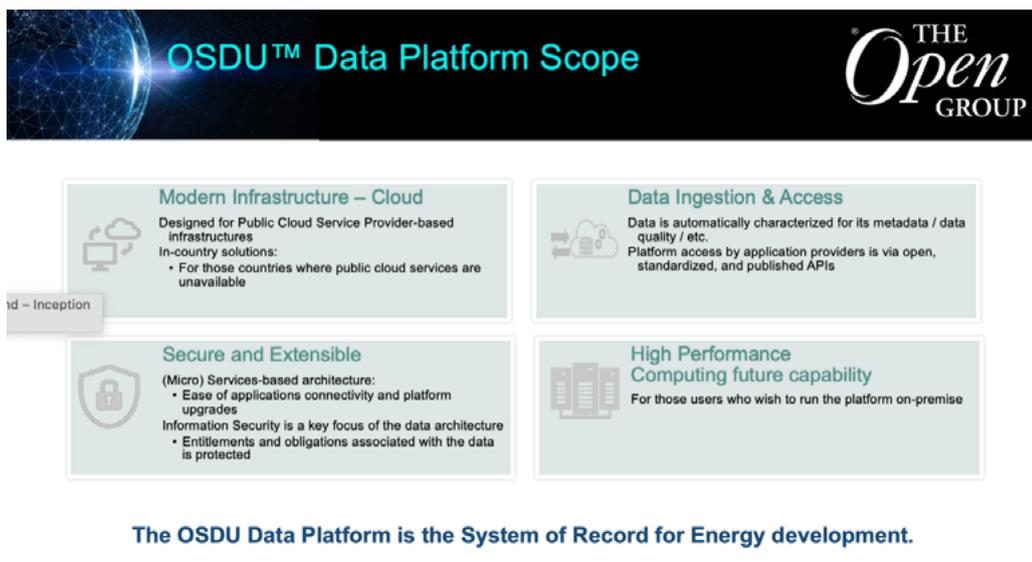
Both speakers highlighted that this collaboration is ongoing, extending well beyond the launch of the OSDU Data Platform Mercury Release. To illustrate the evolving nature of the Forum, Michael looked back at bp's own history with early cloud infrastructure and how the company built on this experience with the OSDU Forum. He also explored bp's mission to help the world reach NetZero, explaining how the OSDU Forum will help the organization facilitate these plans in future.



James Moran concludes his keynote by introducing the Forum's future vision and how it is closely tied with bp's plans to help the world reach NetZero

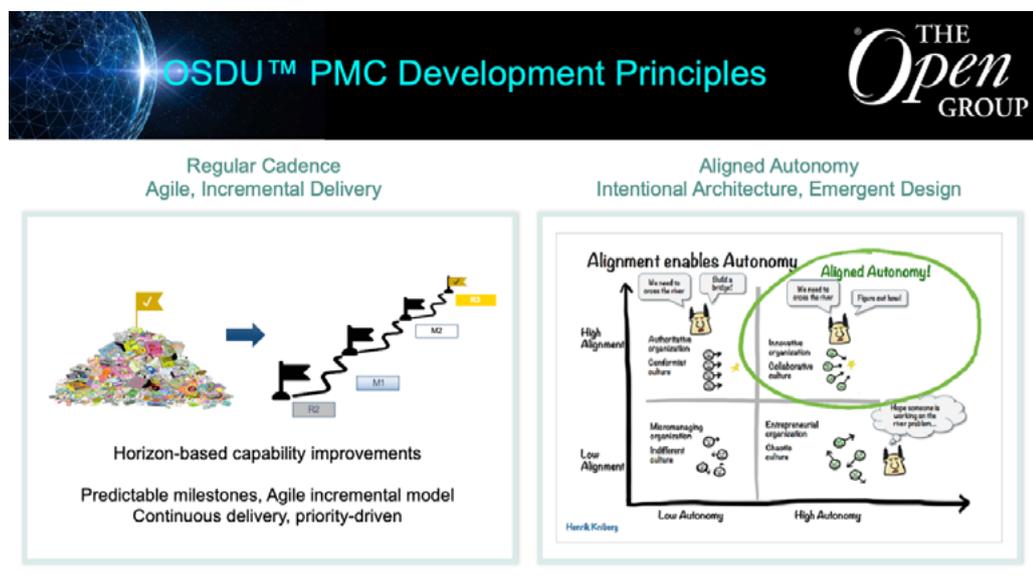
The OSDU Data Platform Mercury Release: Essential Elements

Next, Johan Krebbers, GM Digital Emerging Technologies/VP IT Innovation, Shell and Raj Kannan OSDU Program Management Committee Lead Schlumberger provided us with a deep dive on the essential elements of the OSDU Data Platform Mercury Release. Together, Johan and Raj explained the technology behind the platform and the benefits of taking an Open Source approach. They demonstrated how, over time, the OSDU Data Platform will provide access to a vast portfolio of open and proven vendor-developed applications from a broad range of energy sources. With a single set of well-defined and industry-specific APIs, organizations can easily accelerate platform design and develop proprietary applications on top of the OSDU Data Platform.



Johan Krebbers, Shell, and Raj Kannan, Schlumberger, explain how the OSDU Data Platform is the 'System of Record for Energy Development'

During his presentation, Raj stated, “embracing Open Source took us to the next level”. Ultimately, with an Open Source approach, any company can contribute new features to the platform, supporting a variety of business workflows. All work is validated by the OSDU Program Management Committee (PMC) to ensure it is aligned with the overall direction of the Forum.



Johan Krebbers, Shell and Raj Kannan, Schlumberger broke down the PMC development principles

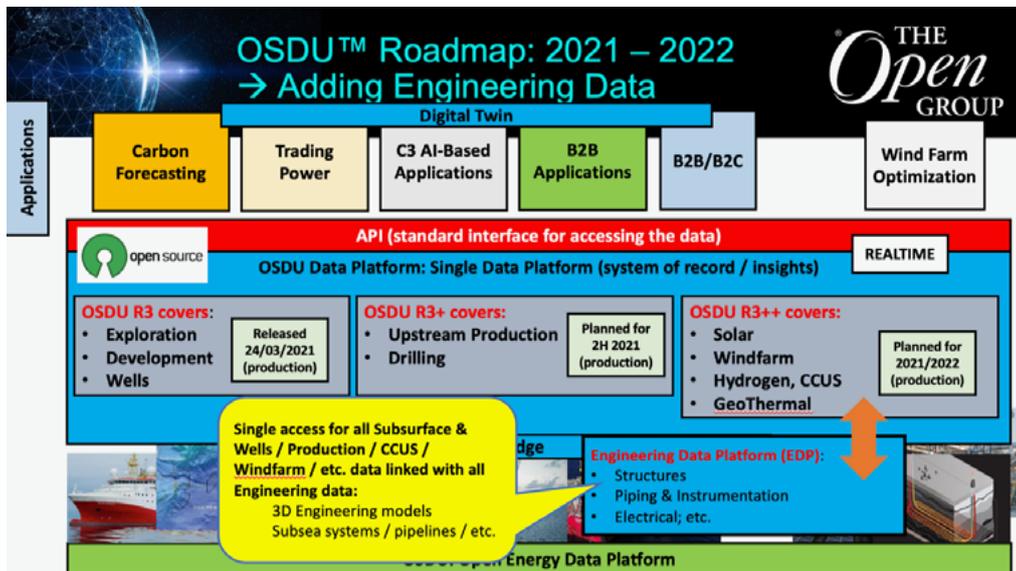
With a single view of industry data, the OSDU Data Platform can be harnessed for innovative business applications. The Mercury Release of the OSDU Data Platform is now available to Operators and Software Developers who want to:

- Liberate data from traditional silos and make all data discoverable and usable in a single data platform
- Enable new integrated exploration and development workflows that reduce overall cycle time
- Take advantage of emerging digital solutions to provide scalability and accelerate decision-making

To bring all of this to life, we watched a series of interactive videos displaying current OSDU Mercury Release applications. A number of companies such as Bluware, Hitachi Vantara, Quorum Software, Ikon Science, and Softserve Inc. put these demonstrations together.

Looking to the Future

To conclude the day, Johan Krebbers, Shell walked us through the OSDU Forum Roadmap for 2021-2022. He outlined the Forum’s ambitious plans to create an Open Energy Data Platform, which will integrate a broad range of energy sources, from conventional (Oil & Gas) to newer (Wind/Solar/Hydrogen/ Geothermal). This will be vitally important for meeting ever-growing energy demand, while reducing greenhouse gas emissions.



Krebbers, Shell takes us through the OSDU Forum roadmap for 2021-2022 and future plans for the creation of the OSDU Open Energy Data Platform

You can view the Mercury Release Launch videos on YouTube - [USA/Canada](#) – [Europe/Asia](#)

[Read the Press Release](#)

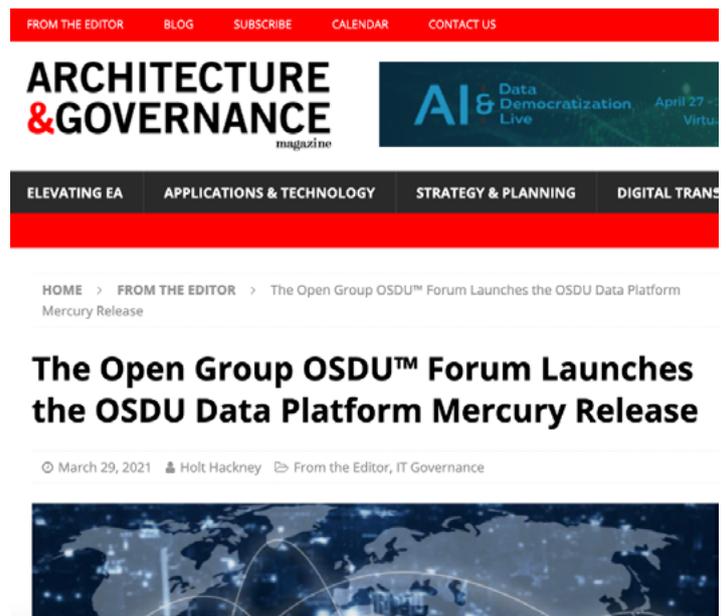
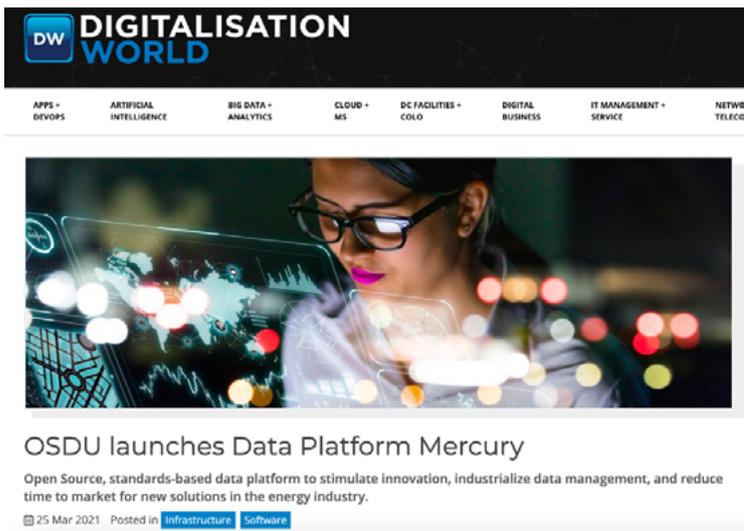
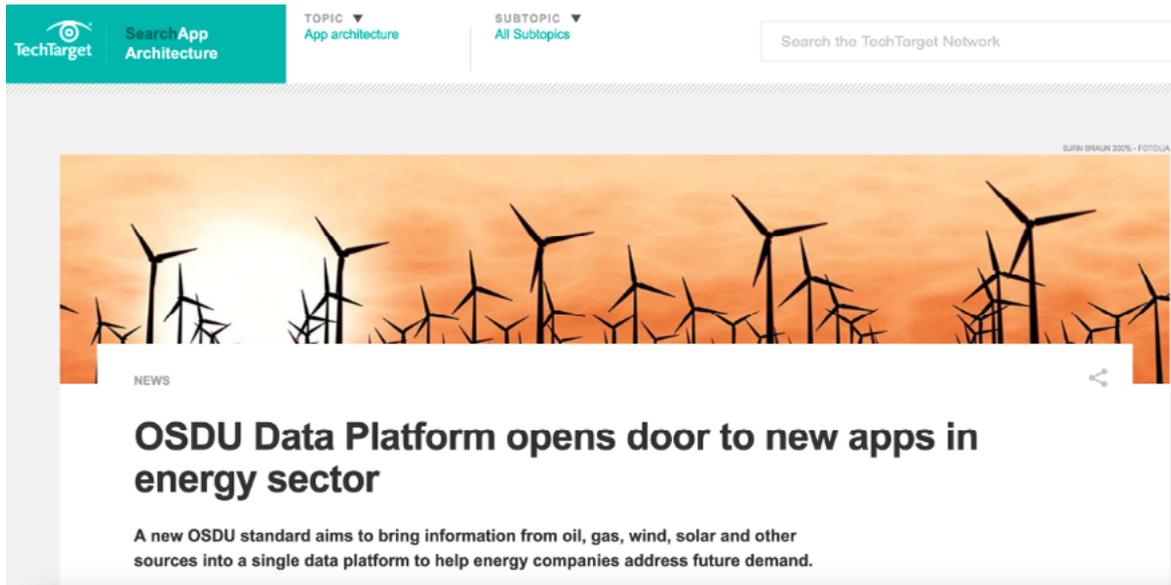
Access the latest OSDU Data Platform documentation and tools [here](#).

To learn more about how to develop applications for the OSDU Data Platform, visit our [application developer community page](#).

To learn more about how you can join the OSDU Forum to contribute your own passion and ideas to shape our future direction, visit our join the [OSDU Forum page](#).

MERCURY RELEASE LAUNCH MEDIA COVERAGE

The OSDU Data Platform Mercury Release launch press coverage was extensive and covered areas across the globe and not just in the US and Europe. For example, in India it was highlighted in over 20 titles and in China 132 media organizations published the press release.



AWS MEMBER SPOTLIGHT

AWS is the world's most comprehensive and broadly adopted cloud platform, offering over 175 fully featured services from data centers globally. Our Energy Business works with hundreds of Energy customers and partners around the globe to put data at the center of their subsurface strategy while optimizing workflows inclusive of the entire energy value chain.

COMPANY'S COMMITMENT TO THE OSDU FORUM

The OSDU Data Platform on AWS provides the tools to liberate data and accelerate workflows. With fine-tuned control over the business processes, our customers are able to reduce silos and gain access to data—enabling more effective, business-centric workflows for exploration, development, well engineering, and operations to support the world's changing energy needs.

Our journey began in late 2017 when Shell and AWS started collaborating on Shell's Subsurface Data Universe, which laid the foundation for the OSDU Forum. Since then, we have been working with customers and partners to deliver secure, reliable, and scalable solutions that reduce downtime, eliminate manual processes, and free up subsurface teams to innovate for the future.

As the platform of choice for millions of active users and tens of thousands of AWS Partner Network (APN) partners, AWS is recognized for optimal security, reliable access, and flexibility.

Check out aws.amazon.com/energy/osdu-data-platform/ to learn more or connect with us at osdu-on-aws@amazon.com



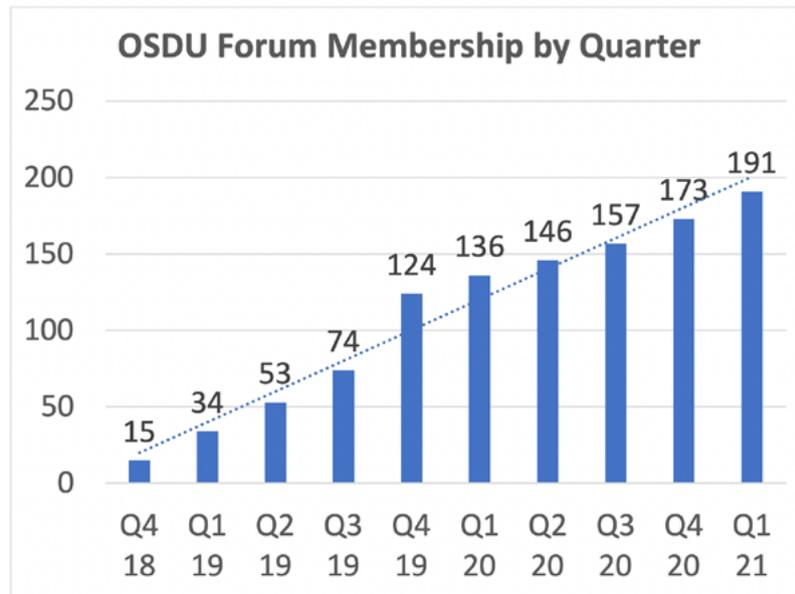
*Scott Sanderson
Director Business Development
AWS Energy*



“The OSDU Data Platform enables our customers to accelerate critical workflows by making data interoperable across both legacy and emerging software capabilities. AWS is a founding member of the OSDU Forum and continues to innovate with our partners and customers to solve pain points with secure and scalable OSDU based solutions.” – Scott Sanderson

MEMBERSHIP UPDATE

The OSDU Forum was officially launched in March 2019 and membership has steadily increased every quarter since then.



As of April 2021, there are 233 current Member organizations of The Open Group who are entitled to participate in the OSDU Forum with 207 active OSDU Forum Member companies. There are approximately 1,800 individuals from Member organizations that are participating in the OSDU Forum activities.

New organizations who became Members of the OSDU Forum in 1Q, 2021 were:



SOCIAL MEDIA LINKS

“The OSDU Data Platform Mercury Release represents an important achievement by the OSDU Forum in a very short space of time. Established in 2018, the OSDU Forum has accumulated over 195 Member organizations who are collaborating together to accelerate innovation and reduce costs in the energy sector. With a standard data platform, energy companies will be able to drive innovation by integrating digital technologies and utilizing open standards for better decision-making. Looking ahead, this will be imperative to meet the world’s increasing energy demands while reducing greenhouse gas emissions.”

Steve Nunn, President and CEO of The Open Group

“Data is at the heart of bp’s transformation into an integrated energy company. We believe that the future of the energy industry will be data driven and dependent on its ability to manage data in a manner that promotes data sharing with partners, innovation through data-science, and rapid decision-making throughout the lifecycle of the energy value chains. Being a founding member of the OSDU Forum, bp has had an opportunity to be part of an organisation that is fundamentally changing the data landscape for our industry. By integrating energy organizations, cloud services providers, and software vendors, the OSDU Forum is providing an opportunity for collaboration that will be beneficial for all involved. We are very excited about the release of OSDU Mercury and look forward to expanding this approach into engineering, emissions, and new energy.”

David Eyton, EVP Innovation & Engineering, bp

LinkedIn



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Use the following
hashtag on Twitter
#ogOSDU





About The Open Group

Leading the development of open, vendor-neutral technology standards and certifications

The Open Group is a global consortium that enables the achievement of business objectives through technology standards. Our diverse membership of more than 800 organizations includes customers, systems and solutions suppliers, tool vendors, integrators, academics, and consultants across multiple industries.

Vision

Boundaryless Information Flow™ achieved through global interoperability in a secure, reliable, and timely manner.

Mission

The mission of The Open Group is to drive the creation of Boundaryless Information Flow™ achieved by:

- Working with customers to capture, understand, and address current and emerging requirements, establish policies, and share best practices
- Working with suppliers, consortia, and standards bodies to develop consensus and facilitate interoperability, to evolve and integrate specifications and open source technologies
- Offering a comprehensive set of services to enhance the operational efficiency of consortia
- Developing and operating the industry's premier certification service and encouraging procurement of certified products

Keys facts include:

- Over 800 Member organizations, with 43,000+ participants in The Open Group activities from 126 countries
- Our Platinum Members are DXC Technology, Fujitsu, HCL, Huawei, IBM, Intel, Micro Focus, Oracle, and Philips
- Developing and operating the industry's premier certification service and encouraging procurement of certified products
- Services provided include strategy, management, innovation and research, standards, certification, and test development
- Over 103,000 TOGAF® 9 certifications worldwide

Further information on The Open Group can be found at www.opengroup.org.

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