VALLOUREC’S CHALLENGES

EXPERTISE
Solutions that make the difference
Page, 02
The Additive Manufacturing revolution
Page, 03

INNOVATION
Services powering of Vallourec
Page, 04
Launch of a brand-new marketplace: Behub-e
Page, 05

TRANSFORMATION
Advancing the transition with Corinne Willecomme,
Director of Sustainable Development
Page, 06
SOLUTIONS THAT MAKE THE DIFFERENCE

VALLOUREC HAS ROBUST AND INNOVATIVE EXPERTISE, to meet the most demanding needs of both onshore and offshore installations, in the oil, gas, renewable energies or industrial sectors. And most importantly, it is 100% customer-oriented—even in the most complex environments.

#1 HIGHLIGHTS

VALLOUREC'S EXCELLENCE COMES TO ADIPEC

Nearly 100,000 professional visitors, 2,000 exhibitors and 51 of groups from all over the world met in Abu Dhabi for the ADIPEC exhibition from November 15 to 18, 2021. This event, the most influential in the oil and gas market, represented a unique opportunity for Vallourec to meet players in the sector after two years of the pandemic and social distancing.

To meet the expectations of its customers and prospects, the Group used its stand to showcase its spirit of innovation. Innovation in the products and services presented, such as Intelligent Drift, which provides real data on casing tubes during critical operations (see p. 5). Additive Manufacturing (see opposite) and Smartengo digital solutions (see p. 4).

#2 SATISFIED CUSTOMERS

In 2021, Vallourec was awarded a major 10-year framework contract with ExxonMobil Exploration and Production Guyana Limited (EEPGL), a subsidiary of ExxonMobil.

This covers the long-term supply of the line pipes needed for EEPGL’s oil and gas field development projects. EEPGL operates the 26,800sq. km Stabroek Block, on which around 10 billion barrels of oil equivalent have been discovered since 2015.

And Vallourec’s recipe for this commercial success? Its strategic presence in the area, as well as its cutting edge expertise, and its wide range of steel grades, like the 300 grade which is suitable for the most corrosive and deepest offshore environments.

#3 TRENDS

5,000 VAM® SPRINT-F/I® CONNECTIONS INSTALLED SINCE MAY 2021 BY AN OPERATOR FROM WEST TEXAS, FOR ITS SURGHLAND WELLs IN NEW MEXICO.

This innovative connection, available to Vallourec customers since the end of 2020, particularly responds to the increasingly complex technical specification for shale-gas, while ensuring the semi-premium connections required to adapt to the unconventional onshore market, remain competitive.


A great example of open and transparent dialog with local customers for OCTG and geothermal activities.

60,000 to 70,000 TONS OF TUBE for industry automotive, energy, renewable and industrial requirements. This is the annual capacity of the Vallourec Tuyas factory in France. Vallourec Tuyas produces OCTG for industries, containing Vallourec’s Tiews and Profilo Tubes unit and the Additir Tubes Division.

CUSTOMER SUCCESS STORIES

Weatherford®

Weatherford, an American company specializing in the design and manufacture of equipment for the oil and gas industry, was able to count on Vallourec to manufacture and deliver two lifting plugs in record time. Rising to the challenge, the group used its brand-new expertise in Valve Arc Additive Manufacturing, to offer a 3D printing solution. This ensures a fast, competitive response to customer needs that meets all performance and safety criteria.

THE PROBLEM: Weatherford needed to quickly deliver two lifting plugs for a well optimization project being carried out for one of its customers off the coast of Australia. These safety-critical components each weigh 170kg, are 50cm in diameter and can support loads of nearly 100 tons.

THE BRIEF: Weatherford was asked to deliver two lifting plugs, each weighing 170kg for a well optimization project, which would take three months. The problem for the company was to deliver the lifting plugs in a record time of less than two months.

VALLOUREC’S RESPONSE: When Weatherford called on Vallourec for an emergency delivery of VAM® TTR HW lifting plugs, the Group proposed its innovative Additive Manufacturing system, which is fast, economical and offers the same level of quality.

Vallourec’s recipe: an operator from West Texas, for its Surgiland wells in New Mexico. This innovative connection, available to Vallourec customers since the end of 2020, particularly responds to the increasingly complex technical specification for shale-gas, while ensuring the semi-premium connections required to adapt to the unconventional onshore market, remain competitive.

THE RESULT: A great example of open and transparent dialog with local customers for OCTG and geothermal activities.

BOLTED CONNECTION: VAM® BOLT-II, as well as tailored solutions like VAM® VAM® SPRINT-F/I® and Profiled Tubes unit and Smartengo digital solutions (see p. 4).

The Additive Manufacturing revolution

“Thanks to WAAM, we were able to manufacture a lifting plug in half the time of the traditional process with the same mechanical properties and meeting the customer’s specific O

Petrofac

Looking for a high-performance connection that was easy to install, British oil services provider Petrofac has now installed 6,000m of tubes fitted with premium VAM® 21 connections at Talitha’s Evelyn well in the North Sea.

The result: a successful descent into the well, completed without any discharges and in a faster drilling time.

ADDITIVE MANUFACTURING: Vallourec SCORES A HOME RUN!

Vallourec 3D printed its first safety-critical component using WAAM technology at the start of 2021. The part was a waterbushing, produced in collaboration with TotalEnergies for the EIG Franklin well in the North Sea. Much appreciated by the customer, this initial success has allowed the solution to be tested and validated. The prospect of it being available up are immense.

The Additive Manufacturing revolution

“Thanks to WAAM, we were able to manufacture a lifting plug in half the time of the traditional process with the same mechanical properties and meeting the customer’s specific O

Petrofac

Looking for a high-performance connection that was easy to install, British oil services provider Petrofac has now installed 6,000m of tubes fitted with premium VAM® 21 connections at Talitha’s Evelyn well in the North Sea.

The result: a successful descent into the well, completed without any discharges and in a faster drilling time.

ADDITIVE MANUFACTURING: Vallourec SCORES A HOME RUN!

Vallourec 3D printed its first safety-critical component using WAAM technology at the start of 2021. The part was a waterbushing, produced in collaboration with TotalEnergies for the EIG Franklin well in the North Sea. Much appreciated by the customer, this initial success has allowed the solution to be tested and validated. The prospect of it being available up are immense.

The Additive Manufacturing revolution

“Thanks to WAAM, we were able to manufacture a lifting plug in half the time of the traditional process with the same mechanical properties and meeting the customer’s specific O

Petrofac

Looking for a high-performance connection that was easy to install, British oil services provider Petrofac has now installed 6,000m of tubes fitted with premium VAM® 21 connections at Talitha’s Evelyn well in the North Sea.

The result: a successful descent into the well, completed without any discharges and in a faster drilling time.

ADDITIVE MANUFACTURING: Vallourec SCORES A HOME RUN!

Vallourec 3D printed its first safety-critical component using WAAM technology at the start of 2021. The part was a waterbushing, produced in collaboration with TotalEnergies for the EIG Franklin well in the North Sea. Much appreciated by the customer, this initial success has allowed the solution to be tested and validated. The prospect of it being available up are immense.

The Additive Manufacturing revolution

“Thanks to WAAM, we were able to manufacture a lifting plug in half the time of the traditional process with the same mechanical properties and meeting the customer’s specific O

Petrofac

Looking for a high-performance connection that was easy to install, British oil services provider Petrofac has now installed 6,000m of tubes fitted with premium VAM® 21 connections at Talitha’s Evelyn well in the North Sea.

The result: a successful descent into the well, completed without any discharges and in a faster drilling time.

ADDITIVE MANUFACTURING: Vallourec SCORES A HOME RUN!

Vallourec 3D printed its first safety-critical component using WAAM technology at the start of 2021. The part was a waterbushing, produced in collaboration with TotalEnergies for the EIG Franklin well in the North Sea. Much appreciated by the customer, this initial success has allowed the solution to be tested and validated. The prospect of it being available up are immense.

The Additive Manufacturing revolution

“Thanks to WAAM, we were able to manufacture a lifting plug in half the time of the traditional process with the same mechanical properties and meeting the customer’s specific O

Petrofac

Looking for a high-performance connection that was easy to install, British oil services provider Petrofac has now installed 6,000m of tubes fitted with premium VAM® 21 connections at Talitha’s Evelyn well in the North Sea.

The result: a successful descent into the well, completed without any discharges and in a faster drilling time.

ADDITIVE MANUFACTURING: Vallourec SCORES A HOME RUN!

Vallourec 3D printed its first safety-critical component using WAAM technology at the start of 2021. The part was a waterbushing, produced in collaboration with TotalEnergies for the EIG Franklin well in the North Sea. Much appreciated by the customer, this initial success has allowed the solution to be tested and validated. The prospect of it being available up are immense.

The Additive Manufacturing revolution

“Thanks to WAAM, we were able to manufacture a lifting plug in half the time of the traditional process with the same mechanical properties and meeting the customer’s specific O

Petrofac

Looking for a high-performance connection that was easy to install, British oil services provider Petrofac has now installed 6,000m of tubes fitted with premium VAM® 21 connections at Talitha’s Evelyn well in the North Sea. Much appreciated by the customer, this initial success has allowed the solution to be tested and validated. The prospect of it being available up are immense.

The Additive Manufacturing revolution

“Thanks to WAAM, we were able to manufacture a lifting plug in half the time of the traditional process with the same mechanical properties and meeting the customer’s specific O

Petrofac

Looking for a high-performance connection that was easy to install, British oil services provider Petrofac has now installed 6,000m of tubes fitted with premium VAM® 21 connections at Talitha’s Evelyn well in the North Sea. Much appreciated by the customer, this initial success has allowed the solution to be tested and validated. The prospect of it being available up are immense.

The Additive Manufacturing revolution

“Thanks to WAAM, we were able to manufacture a lifting plug in half the time of the traditional process with the same mechanical properties and meeting the customer’s specific O

Petrofac

Looking for a high-performance connection that was easy to install, British oil services provider Petrofac has now installed 6,000m of tubes fitted with premium VAM® 21 connections at Talitha’s Evelyn well in the North Sea. Much appreciated by the customer, this initial success has allowed the solution to be tested and validated. The prospect of it being available up are immense.

The Additive Manufacturing revolution

“Thanks to WAAM, we were able to manufacture a lifting plug in half the time of the traditional process with the same mechanical properties and meeting the customer’s specific O

Petrofac

Looking for a high-performance connection that was easy to install, British oil services provider Petrofac has now installed 6,000m of tubes fitted with premium VAM® 21 connections at Talitha’s Evelyn well in the North Sea. Much appreciated by the customer, this initial success has allowed the solution to be tested and validated. The prospect of it being available up are immense.
By enhancing its range of services – both physical and digital to work as closely as possible to the end-users of our tubes, Vallourec is now able to provide solutions all along its customers’ value chain. And this momentum is now gathering speed, reinforced by many technological and commercial successes.

The Yard – or operational storage area – was built 100% digitally managed.

Arnaud Reveilloux, Director, Digital Services Delivery, ABU DHABI National Oil Company (ADNOC) Abu Dhabi National Oil Company (ADNOC) to supply OCTG (oil country tubing goods). A new 100% digitally managed yard or operational storage area was built centrally for the needs of this megaproject. Vallourec also an opportunity for Vallourec to conduct the large-scale roll-out of Smartengo Inventory, its inventory management service, which also manages all flows and activities in the yard. Arnaud Reveilloux, Digital Services Delivery Director, gives us the key elements which he feels best sum up this collective endeavor.

Large-scale deployment of the Smartengo Inventory solution for the ADNOC megaproject

**#1 RACE AGAINST THE CLOCK**

Delivery of the Smartengo Inventory was contractually set for the start of September 2020. We therefore had 12 months, and no more, to develop and deliver this high-level, operational and entirely digital yard.

Although we had already implemented an initial version of Smartengo inventory for Petroleo in Brazil and TotalEnergies in Angola, we were still at the stage of a first version. The requirements contained in the specifications were much broader. To meet ADNOC’s needs, we were almost starting from a blank page before being able to ramp up our solution.

It was an ambitious move, but all the teams stepped up and successfully rose to the challenge. (By September 2020), we were on schedule to meet the target set by our customer.

**#2 ENERGY, FLEXIBILITY, COLLABORATION**

These are the three strengths at the heart of Vallourec’s DNA which we have been able to rely on. They also allowed us to overcome the Covid crisis, despite the involvement of teams from all around the world (teams in the Middle East, business sponsors and yard operators), developers in Brazil and teams in France (technological development and IT managers, as well as project management).

Following its transformation process, Vallourec has shown great agility in combining its historical activities as a tube manufacturer with its commitment to this new era of the development of digital solutions. By taking advantage of all the Group’s skills, we have managed to offer a high-quality, highly technological response that is totally in line with the customer’s expectations.

**#3 STANDARDIZATION & INDUSTRIALIZATION**

The yard has been running at full capacity for almost a year and a half and more than 160,000 parts have been delivered so far! We are now working to enhance our range of services, particularly on combining it with the Smartengo Running Expert solution, designed to increase the reliability of well construction operations on platforms.

As for Smartengo Inventory, standardizing and industrializing the entire flow of data that feeds into the application will be our next major challenge in order to boost its commercial expansion.

This initiative has already begun in the United States, based on Vallourec’s services in the Gulf of Mexico, and in Angola (Angola and Uganda) for TotalEnergies.

**NEW WEBSITE FOR VAM® SERVICES**

In July 2021, the VAM® Services website had a makeover. Offering a simple, consistent and centralised dataset that is constantly updated, this new version makes it easier for customers to find the technical information and products they need. It is the result of an agile roll-out process over the last 18 months.

**NEW VALLOUREC OPEN INNOVATION CAMPAIGN**

This year’s challenge—designed to take Vallourec to the next phase of its innovation ambition—will focus on three objectives: solutions for the production of marine energy, digitalization of workflows, and automated and digitalized tube storage sites, and the reuse of tubes and pipelines to give them a second life.

**TUBES DELIVERING DATA IN REAL TIME**

The Intelligent Drift solution now allows automated retrieval of historical data on the inside diameter of tubes, in order to analyze their quality. This enables operators to select tubes during platform preparation operations. Achievements so far include optimization of operational performance with limited risk of human error, reduced drilling time and optimized costs.

**ADDITIVE MANUFACTURING: NOW AT THE APPLICATION STAGE!**

In the latest chapter in the development of the additive manufacturing range, the Group recently launched the Vallourec® Additive Manufacturing mobile app. Once downloaded from the App Store or Android Play Store, the customer can enter the specifications of the desired part directly via the interface. If the project is compatible with additive manufacturing, a 3D image and a digital file are created, accompanied by a production schedule for the part—thereby optimizing the customer experience, accelerating delivery times and reducing physical storage.

**DENISE MOORE, MARKETPLACE BUSINESS MANAGER, VALLOUREC (USA)**

“With Behub-e, we saw an opportunity to offer some surplus items for sale. So far we have advertised more than 500 product references. We are also considering the possibility of using the platform as a customer, as well as opening it up to our suppliers.”

**ATIF MAZHAR, SUPPLY CHAIN MANAGER, VALLOUREC (Saudi Arabia)**

“We joined Behub-e when it was launched and this platform gives us the opportunity to reach new and more customers outside our own traditional market (Indonesia, in our case). This is a real asset for our business.”

**DONALD Wlnata, MANAGING DIRECTOR OF PT. OPTIMA SUMBER ENERGI (Indonesia)**

“We joined Behub-e when it was launched as this platform gives us the opportunity to reach new and more customers outside our own traditional market (Indonesia, in our case). This is a real asset for our business.”

**VALLIOUREC SUPPLY CHAIN MANAGER, VALLOUREC (France)**

“Behub-e is bringing Vallourec into a new digital era, with two very marked differences. Firstly, it is a worldwide marketplace, totally unprecedented in the sector. Secondly, it offers online payment solutions with the possibility of payment on invoice for the seller and according to a payment schedule for the buyer with international taxes calculated in real time. Our aim is obviously to bring together as many suppliers and buyers as possible. But we are also driven by the will to go even further in supporting our suppliers in their own digital transformation by giving them access to digital marketing solutions, for example.”

**MANAGING DIRECTOR OF PT. OPTIMA SUMBER ENERGI (Indonesia)**

“In the new version, we have focused on two key areas: the API interface. If the project is compatible with additive manufacturing, a 3D image and a digital file are created, accompanied by a production schedule for the part—thereby optimizing the customer experience, accelerating delivery times and reducing physical storage.

**NEW VALLOUREC OPEN INNOVATION CAMPAIGN**

This year’s challenge designed to take Vallourec to the next phase of its innovation ambition will focus on three objectives: solutions for the production of marine energy, digitalization of workflows, and automated and digitalized tube storage sites, and the reuse of tubes and pipelines to give them a second life.

**TUBES DELIVERING DATA IN REAL TIME**

The Intelligent Drift solution now allows automated retrieval of historical data on the inside diameter of tubes, in order to analyze their quality. This enables operators to select tubes during platform preparation operations. Achievements so far include optimization of operational performance with limited risk of human error, reduced drilling time and optimized costs.

**ADDITIVE MANUFACTURING: NOW AT THE APPLICATION STAGE!**

In the latest chapter in the development of the additive manufacturing range, the Group recently launched the Vallourec® Additive Manufacturing mobile app. Once downloaded from the App Store or Android Play Store, the customer can enter the specifications of the desired part directly via the interface. If the project is compatible with additive manufacturing, a 3D image and a digital file are created, accompanied by a production schedule for the part—thereby optimizing the customer experience, accelerating delivery times and reducing physical storage.

**DENISE MOORE, MARKETPLACE BUSINESS MANAGER, VALLOUREC (USA)**

“With Behub-e, we saw an opportunity to offer some surplus items for sale. So far we have advertised more than 500 product references. We are also considering the possibility of using the platform as a customer, as well as opening it up to our suppliers.”

**ATIF MAZHAR, SUPPLY CHAIN MANAGER, VALLOUREC (Saudi Arabia)**

“We joined Behub-e when it was launched and this platform gives us the opportunity to reach new and more customers outside our own traditional market (Indonesia, in our case). This is a real asset for our business.”

**DONALD Wlnata, MANAGING DIRECTOR OF PT. OPTIMA SUMBER ENERGI (Indonesia)**

“We joined Behub-e when it was launched as this platform gives us the opportunity to reach new and more customers outside our own traditional market (Indonesia, in our case). This is a real asset for our business.”

**VALLIOUREC SUPPLY CHAIN MANAGER, VALLOUREC (France)**

“Behub-e is bringing Vallourec into a new digital era, with two very marked differences. Firstly, it is a worldwide marketplace, totally unprecedented in the sector. Secondly, it offers online payment solutions with the possibility of payment on invoice for the seller and according to a payment schedule for the buyer with international taxes calculated in real time. Our aim is obviously to bring together as many suppliers and buyers as possible. But we are also driven by the will to go even further in supporting our suppliers in their own digital transformation by giving them access to digital marketing solutions, for example.”

**MANAGING DIRECTOR OF PT. OPTIMA SUMBER ENERGI (Indonesia)**

“In the new version, we have focused on two key areas: the API interface. If the project is compatible with additive manufacturing, a 3D image and a digital file are created, accompanied by a production schedule for the part—thereby optimizing the customer experience, accelerating delivery times and reducing physical storage.

**NEW WEBSITE FOR VAM® SERVICES**

In July 2021, the VAM® Services website had a makeover. Offering a simple, consistent and centralised dataset that is constantly updated, this new version makes it easier for customers to find the technical information and products they need. It is the result of an agile roll-out process over the last 18 months.

**NEW VALLOUREC OPEN INNOVATION CAMPAIGN**

This year’s challenge designed to take Vallourec to the next phase of its innovation ambition will focus on three objectives: solutions for the production of marine energy, digitalization of workflows, and automated and digitalized tube storage sites, and the reuse of tubes and pipelines to give them a second life.

**TUBES DELIVERING DATA IN REAL TIME**

The Intelligent Drift solution now allows automated retrieval of historical data on the inside diameter of tubes, in order to analyze their quality. This enables operators to select tubes during platform preparation operations. Achievements so far include optimization of operational performance with limited risk of human error, reduced drilling time and optimized costs.

**ADDITIVE MANUFACTURING: NOW AT THE APPLICATION STAGE!**

In the latest chapter in the development of the additive manufacturing range, the Group recently launched the Vallourec® Additive Manufacturing mobile app. Once downloaded from the App Store or Android Play Store, the customer can enter the specifications of the desired part directly via the interface. If the project is compatible with additive manufacturing, a 3D image and a digital file are created, accompanied by a production schedule for the part—thereby optimizing the customer experience, accelerating delivery times and reducing physical storage.
Equally importantly, CSR also means striving to be a responsible employer, and that supports the professional development of all its employees. From that perspective, our Women@Vallourec initiative, which promotes women within the Group, has seen itself the target of increasing diversity in order to boost our performance and innovation.

What would be the key success factor to further speed up this transition?

C. W.: Collective action! The social and environmental changes we are facing are unavoidable. We therefore need to involve everyone in the company. We also see very high expectations from our teams, which is why we have recently carried out actions (workshops, etc.) to share this growing awareness and align our knowledge of these issues. And this concerns all employees—on the ground, in offices, right up to the Executive Committee. At all levels, we all have a part to play in this transition.

"We are ready to step up the gears in renewable energies"

MICHAEL BOREL, Vice-President Transition Opportunities

"For two years now, Vallourec has been committed to the progressive diversification of energy by exploring five promising segments: hydrogen, wind, energy and color energy. This momentum is fueled by our expertise in tubes and related services, our know-how in materials, the quality of our R&D and our global presence.

This strategy is now being consolidated thanks to our concrete achievements with pilot customers, such as Chesterfield Pressure Cylinders and Neptune Energy in the UK, GreenFel Energy in the US, and Storengy in France. With them, we have demonstrated the relevance of our solutions under real-life application conditions for offshore hydrogen storage, geothermal energy, carbon storage, and even hydrogen storage in salt caverns.

We are now ready to take the next steps, particularly to support the future increase in electrical energy needs. This is a new direction solely for Vallourec, means acquiring new skills that go beyond our core competence of steel to do start-up GreenFelEnergy, for example, by contributing to geothermal loop systems with our proprietary THERMOCASE® Pleasure Insulated Tubing solution, and through greater involvement in future projects.

The definition of our strategic direction in the coming years will therefore involve taking on new employees, who will be able to combine their expertise with that of the teams already in place and generate real cultural change. But it will also involve training and cooperating with different players in the energy sector. This will enable us to create the conditions for real acceleration."

UNDERGROUND HYDROGEN STORAGE: STORENGY SELLS VALLOUREC

As part of its HYSTERE—the first underground hydrogen storage project supported by the European Union—ENGIE-as subsidiary Storengy has chosen Vallourec to supply a comprehensive range of tubes, services and VAM® 21 connections, tested and approved for hydrogen storage. The Group has built on its experience and expertise in highly corrosive and hydrogenating environments, as well as its hydrogen R&D work, to propose the most suitable steel grades for its customers’ needs.

MAJOR GEOTHERMAL CONTRACT WITH GEO DIPA

Vallourec is supplying 8,000 tons of casing, with premium and semi-premium connections, to PT Geo Dipo Energy, an Indonesian public company specializing in geothermal energy. The objective is to help develop two geothermal power plants in Java. This is the largest geothermal energy contract ever signed by the Group.
The Group enriches its offer through digital. Congratulations to the team for this brand new additive manufacturing app! 🎊🎊 More info to come soon on vallourec.com #innovation #proud #waam

Our first So TUBES! newsletter of #LastDayofJanuary is finally here! Are you excited? 🎊

Improve fatigue performances in #challenging riser configurations with PURE® 65 (Premium Upset Riser Ends). The increased... at the pipe ends reduces stress at the weld location enhancing the fatigue performance of the overall riser system.

Leila Faramarzi is our #CCUS Director. She is responsible for building our technical expertise and investments in the... with her passion for connecting people, her enthusiasm for our industry and her commitment to #decarbonization. 🎊

To learn more about this #energytransition Read more about the project and how hydrogen storage program supported #HyPSTER project, the first renewable associated services for the chosen by STORENGY new protectors.

We are proud to have been chosen by STORENGY, a subsidiary of ENGIE, to provide a complete range of tubular products in OAG. Read more about the project and how Vallourec's offer made the difference! #energytransition

Vallourec is strengthening its international presence*

SAVE THE DATE

**Vallourec is strengthening its international presence**

<table>
<thead>
<tr>
<th>Event Name</th>
<th>Location</th>
<th>Dates</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCEDD</td>
<td>Baku, Azerbaijan</td>
<td>June 1-3, 2022</td>
<td>Engineering topics related to oil and gas development and production projects in deep and ultra-deepwater environments</td>
</tr>
<tr>
<td>CASPIAN OIL &amp; GAS</td>
<td>Houston, Texas, United States</td>
<td>June 14-15, 2022</td>
<td>The event where oil, gas and energy professionals working in the Caspian Sea meet and exchange ideas</td>
</tr>
<tr>
<td>CARBON CAPTURE TECHNOLOGY EXPO NORTH AMERICA</td>
<td>Reno, Nevada, United States</td>
<td>August 28-31, 2022</td>
<td>The show dedicated to the role of carbon capture, utilization and storage (CCUS) in the transition to a net zero-carbon economy</td>
</tr>
<tr>
<td>GEOTHERMAL RISING</td>
<td>Bremen, Germany</td>
<td>October 19-20, 2022</td>
<td>The biggest annual gathering of the geothermal community</td>
</tr>
<tr>
<td>CARBON CAPTURE TECHNOLOGY EXPO EUROPE</td>
<td>Abu Dhabi, United Arab Emirates</td>
<td>Oct. 31-Nov. 03, 2022</td>
<td>The forum dedicated to new technologies involved in the development of carbon capture</td>
</tr>
<tr>
<td>ADIPEC</td>
<td>Abu Dhabi, United Arab Emirates</td>
<td>Oct. 31-Nov. 03, 2022</td>
<td>The reference event in the Middle East, which brings together industry professionals from around the globe to discuss key global energy trends and policy development</td>
</tr>
</tbody>
</table>

* Vallourec’s attendance remains dependent on health and geo-political conditions.

[For more information](https://lnkd.in/dvYZ9MDH)