



# THE IPLOCA NEWSLETTER

JUNE 2021



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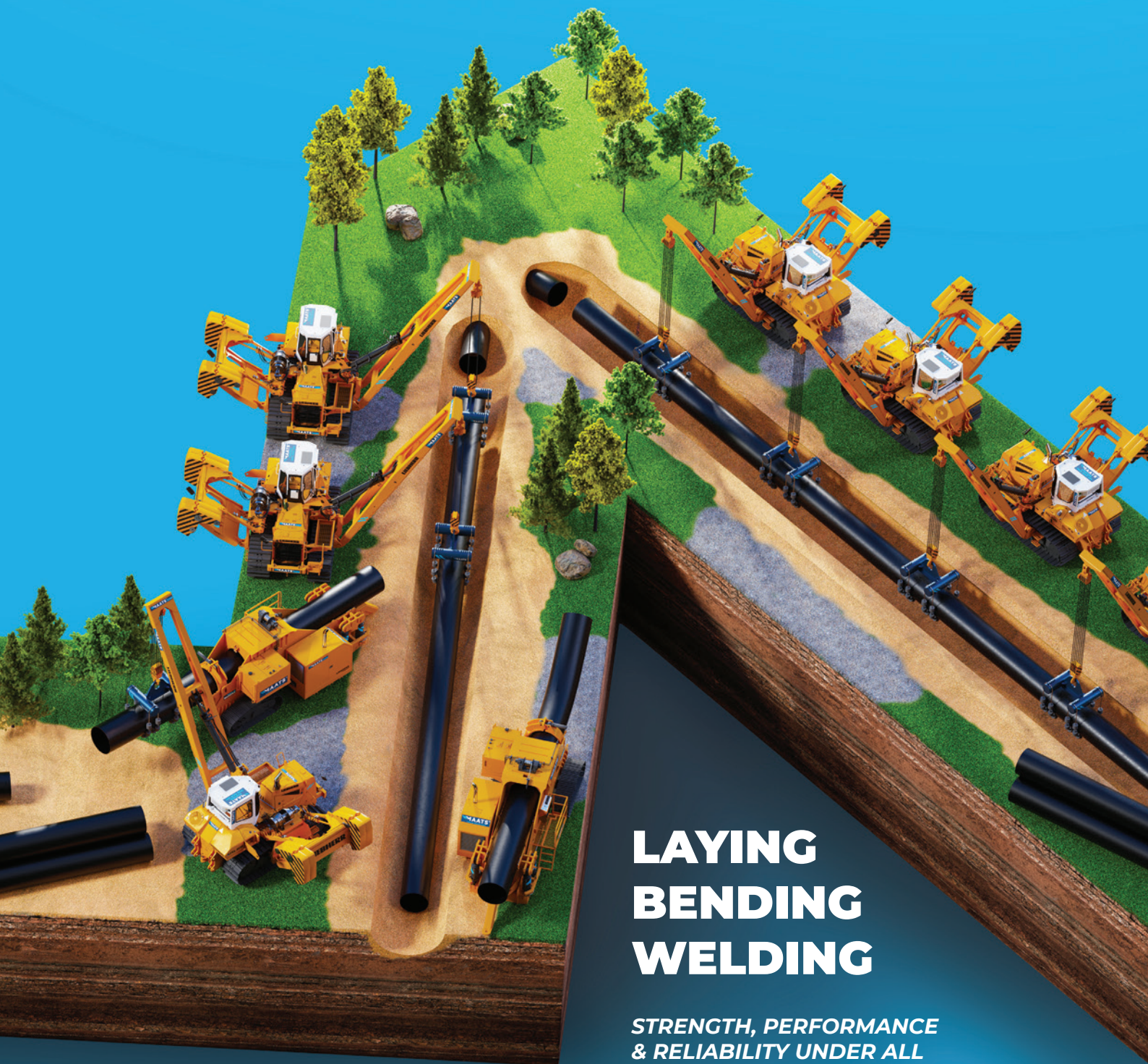
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## IPLOCA Mission

To provide value to members through a forum for retaining and sharing knowledge globally, facilitating business opportunities and promoting the highest standards in safety, innovation, quality, business ethics and sustainability throughout the pipeline construction industry.

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### Cover Photo

Courtesy of

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## Letter from the President

**The Board of Directors and the IPLOCA Secretariat continue to work together to minimise the impact of the pandemic on the Association and feel grateful for the solidarity and valuable contributions from member companies in continuing to share knowledge globally and to assist in promoting high standards in safety, innovation and sustainability throughout our industry.**

I would like to express particular thanks to the Secretariat staff who, mainly working from home, have steadfastly provided the necessary support and advice to myself and the rest of the Board during these challenging months. I understand that the team will soon be reunited in the IPLOCA offices as sanitary restrictions in Switzerland are gradually relaxed.

Normally this edition of the newsletter would be publicising the programme and sponsorship for the Annual Convention scheduled to take place in Prague in September. After careful review of the feedback from member companies and the current COVID-19 pandemic status, the Board of Directors made the difficult decision to postpone the Convention for another year. We are very much looking forward to meeting in person once again and having an exceptional event in 2022! The good news is that, since we have more time ahead of us for the selection process for our annual awards, we have extended the submission deadlines. The winners and runners-up for three awards will be announced in October: the 2021 IPLOCA Health and Safety Award, sponsored by TC Energy; the 2021 IPLOCA Corporate Social Responsibility Award, sponsored by Total, and the 2021 IPLOCA New Technologies Award, sponsored by BP. See page 22 for further details on deadline dates. The recipients of the 2021 IPLOCA Scholarships will be published on our website and in the September edition of this newsletter.

As we did last year, arrangements are being made for the selection process for the new Board of Directors to take place remotely. Information on the process and the vacant seats for our 2021-2022 Board of Directors can be found on page 24. In addition to a new Allied Institution, we warmly welcome one Regular Member and two Associate Members who have recently joined our Association. The company profiles can be found on page 15.

We would like to remind you of two IPLOCA platforms that are available free of charge for IPLOCA members: the IPLOCA Members Technology Platform for promoting your company's technologies and services and the IPLOCA HSE Shared Experiences Platform. The recently developed online technology platform (see page 17) modernises the way IPLOCA helps to connect the innovative technologies of its members to potential clients, and also facilitates knowledge sharing between members. The longer established IPLOCA HSE Shared Experiences Platform is an invaluable source of best practices, lessons learned and safety alerts that I encourage you and other employees in your company to make the most of, by referring to this tool to learn from others, and by sharing your own company's health, safety and/or environmental experiences. See page 16 for further information.

Stay safe and keep well,

**Leon Richards**

IPLOCA President 2020-2021

# News from Geneva

## IPLOCA Secretariat Staff Soon to be Deconfined

**Working from home is no longer compulsory as of 31 May in Switzerland. Swiss authorities have also promised to introduce a coronavirus immunity passport by the summer which will entitle vaccinated people to various privileges.**

In a press conference held mid-May, Swiss authorities said that they would put in place an electronic app compatible with the European Union's immunity passport "by the end of June this year". The Head of the Crisis Management and International Cooperation Section at the Federal Office of

Public Health told the press that an internationally coordinated vaccination certificate would soon be available. As reported by 'The Local Switzerland', the Government's plan will probably allow those who have been vaccinated, as well as people who have tested negative and those who have recently had the disease (proven by serological tests), to take part in certain activities. On a domestic level this is likely to include attending events, playing sports and visiting restaurants, while at an international level it will include a QR code for travel.

Switzerland has already indicated it will take part in the European Union's COVID-19 passport project.

## Webinars Update

**Informative webinars have continued to keep the membership up to date on projects completed in difficult circumstances, award winning innovations, new technologies, and associations working for the benefit of the pipeline industry.**

## Air & Nitrogen Solutions

Atlas Copco Rentals was invited to present on 8 April following the webinar given by Techfem on the Trans Adriatic Pipeline Pre-commissioning Project in February.

Atlas Copco Rentals guarantees quality of service, environmental care and personnel safety by a triple ISO certification. They offer specialty rental solutions under several brands around the globe.

## Italians do it Better

A presentation given by Paolo Garbi, Sales Director at Laurini Officine Meccaniche on 20 May explained an unprecedented, tailor-made solution. In 2019, a customer contacted Laurini to excavate a trench in a seabed at a depth of up to 3 m. The Laurini team decided to propose

## New Allied Institution

**At the end of March a webinar was held with the Construction Safety Research Alliance (CSRA) which has recently signed an agreement with IPLOCA to become an Allied Institution.**

The CSRA, based in Colorado, U.S.A., brings together industry leaders and experienced scientists to concentrate on transformative construction safety research. It is the only industry-funded research group focused exclusively on advancing the science of safety and has approximately 50 member companies. The Alliance has made great strides towards the elimination of serious injuries and fatalities by enhancing the science of safety. CSRA offers IPLOCA members the possibility to participate in their monthly Communities of Practice. These are forums where safety professionals share best practices on certain themes such as energy-based safety, challenges and opportunities. IPLOCA members can attend CSRA's virtual conferences (organised ad hoc) at



no charge, and also have access to the research materials that are posted on the CSRA website that include field guides, white papers, and video presentations.

Should you be interested in any of the benefits of this newly formed alliance, contact Matthew Hallowell, [matthew.hallowell@colorado.edu](mailto:matthew.hallowell@colorado.edu).

the Caterpillar 374 excavator with a riser at 3 m connecting the track car body and upper structure and worked on making the necessary modifications to ensure that the excavator was adapted to the specific project, and at the same time, also focusing on safety, protection of the environment, and cost effectiveness. See page 13 of IPLOCA Newsletter no. 86 for further details.

### **The Cat Command Tool**

On 27 May, Perry Redman, Manager, Corporate Pipeline Accounts, at Caterpillar Global Pipeline and Alan Pumklin, a Cat Command specialist, working in the Autonomy and

Automation Construction Digital & Technology section of Caterpillar Inc., presented this tool that improves health & safety on site. It offers the possibility to allow operators to run a bulldozer, excavator, wheel loader or compactor remotely in hazardous pipeline construction and earthmoving applications.

Should you wish to review the presentations and/or the recordings of any of our webinars, please go to [www.iploca.com/events/webinars](http://www.iploca.com/events/webinars). If you have an interesting subject you would like to share with members, contact [jacqueline.tempel@iploca.com](mailto:jacqueline.tempel@iploca.com).

## **Board Meeting Update**

**25 & 26 March 2021**

**via video and audio conference**

**The following summarises the main discussions and outcomes of the March 2021 Board Meeting.**

### **Safety Moment**

Bruno Pomaré from Spiecapag shared, as a safety moment, an event that took place in London, U.K. at the end of 2020. The video showed a lorry carrying a heavy load in a narrow street. After taking a sharp bend the straps and chains holding the load broke and everything fell onto a parked car and the pavement. Fortunately, no one was hurt. Although the safety regulation checklist for carrying heavy loads was respected, the straps and chains were not sufficient to keep the load in place. The conclusion was that it would have been better to carry the heavy load in smaller pieces and use smaller trucks.

A second video was shown of the unloading of a massive cube of concrete which fell off the side of a lorry and rolled down to the bottom of the hill. It was noted that there are documents on the lessons learned section of the HSE Shared Experiences Platform that refer to the securing of heavy loads on trucks.

### **HSE & CSR Committee**

Bruno Pomaré, HSE & CSR Chairman, supported by Levent Kafkasli, Ebbo Laenge, Robert Linder and Bobby Poteete in leadership roles, presented the committee report. The next HSE & CSR Committee meeting was scheduled to take place on 13 April via Zoom in conjunction with the Novel Construction Spring Session. The main ongoing action items are listed in the Action Tracking Register and were as follows:

- CSR subject on CO<sub>2</sub> emissions, which involves developing a tool to be used to measure CO<sub>2</sub> emissions and provide a benchmark for the industry.
- Driving golden rules (meetings were held via Zoom in January & February 2021) and the final list will be available at the next HSE & CSR meeting.
- The organisation of a joint PLCA/IPLOCA health & safety event is currently on hold due to COVID-19 restrictions.

At the time of the Board Meeting only 19% of the mandatory HSE statistic forms had been received from IPLOCA Regular Members.

The annual Pipeline Technology Conference (PTC) was held on-line from 15 to 18 March and had over 500 participants. Bruno Pomaré gave a presentation on Safety in Design and Construction of Pipelines. During his presentation he took the opportunity to provide an introduction to IPLOCA and the role of the HSE & CSR Committee.

Bruno Pomaré asked the Board Directors to continue contributing and populating the HSE Shared Experiences Platform.

Johan Van Wassenhove mentioned that the Netherlands and Belgium governments are imposing regulations for nitrogen emissions as well as CO<sub>2</sub> emissions. In the Netherlands some projects have been stopped by the government as they were not respecting nitrogen emission standards. In the future, agriculture and other industries will also be required to reduce their nitrogen emissions. Johan suggested that the HSE & CSR Committee anticipate this new standard that will no doubt be implemented throughout Europe in the coming months or years. The committee agreed to look into European standards for nitrogen emissions and consider how these should be measured during pipeline projects.

## **Innovation Committee**

Gerben Wansink, Innovation Chairman, supported by Doug Bailey, Adel Botros, Leonardo Gravina, Wilko Koop and Tim Zboya in leadership roles, presented the committee report.

The Novel Construction Spring Session was scheduled to take place on 14 and 15 April via Zoom in conjunction with the HSE & CSR Committee meeting. The Fall Session is planned to be held on 27 and 28 October in Athens, Greece.

The Technology Platform is currently populated with over 340 technologies and 80 of them are related to the pipeline industry. The platform is ideal for considering new ideas when working on projects and Gerben Wansink recommended that the Board Directors take a look and submit their technologies and ideas.

The 2021 New Technologies Award is given every alternate year to Regular or Associate Members in recognition of a significant contribution to innovation in the pipeline construction industry. The 2019 winner was CRC-Evans for their invention NeXray Real-Time Radiography. At the time of the Board Meeting, no entries for the 2021 New Technologies Award had been received. It was pointed out that technologies have to already be commercialised to be considered for this award.

## **Membership Committee**

Bill Solomon, Membership Chairman, supported by Vladilen Ermolin, Mintu, John Tikkanen and Johan Van Wassenhove in leadership roles, presented the committee report.

As a result of recent committee meetings, a number of ideas related to maintaining IPLOCA's membership and attracting new members were presented to the Board for consideration. It was noted that member companies' key representatives often do not share with other employees the fact that they are members of IPLOCA. This is common and has been seen many times over the years. After the launch of Phase 2 of the new IPLOCA website, it will be easier for members to add more contact names so that a bigger audience can be reached and kept up-to-date on upcoming events.

Leon Richards stated that the new website is a great improvement and a definite advantage when promoting IPLOCA to potential new members.

## **Scholarship Committee**

Kelly Osborn, Scholarship Project Lead, presented an update on the Scholarship Project. In February, IPLOCA

had only received 19 applications for scholarships. Scholarship America reported a dramatic drop in scholarship applications across all organisations due to the current sanitary situation. With the application deadline extended to 2 April and the fact that the Board Directors of each region had reached out to members, as of 23 March, 85 completed applications (cf 140 started) had been received. Two scholarships are awarded per region to students associated with Regular Members and four to those linked to Associate Members. The applicants were from 19 different countries.

It was noted that only one child/grandchild of an IPLOCA member can receive a scholarship each year. Provided there are qualified applicants, selected recipients represent the eight regions plus the Associate Members of IPLOCA. If this is not possible, recipients will be selected in proportion to the qualified applicant population among the regions. It was suggested that if a region has no applications, as is the case with Europe Central, the scholarship awards could be given to the best applicants of Associate Members who are based in that region.

IPLOCA President, Leon Richards, thanked the Board Directors for their contribution in raising awareness amongst members and increasing the number of scholarship applications received. He also asked the Board Directors to continue contributing by encouraging members to support this initiative.

Bill Solomon of Vacuworx has kindly agreed to sponsor a 2021 scholarship.

## **Treasurer's Report**

Adam Wynne Hughes presented the quarterly report and mentioned that the 2020 accounts had not as yet been audited. A maximum effort had been made to reduce costs as much as possible since the beginning of the pandemic.

The 2020 Annual Convention had been cancelled and this has had a negative financial impact on the Association due to the fact that partial payments had already been made to the hotel and ground agent. The Annual Convention is IPLOCA's principal source of revenue each year.

Adam Wynne Hughes mentioned that should IPLOCA decide quite rapidly to postpone the convention until 2022, the hotel had agreed to not add any additional charges. Should the decision be taken nearer the convention date, additional costs would need to be paid. He noted that the 2021 budget was agreed in December 2020 and so far costs are in line with the forecast. Funds have decreased slightly compared to February last year. The report is always given



in Swiss francs and therefore the funds are affected by changes in the value of either the dollar or the euro. Juan Arzuaga reminded the board that membership fees are due on 2 January and, as per IPLOCA's By-laws, there is a 90-day delay before reminders are sent out. Follow-ups with unpaid members were planned for after the Easter break.

## Membership

Juan Arzuaga introduced the new Allied Institution 'Construction Safety Research Alliance (CSRA)' which signed an agreement with IPLOCA in March 2021. The Alliance is based in Colorado and is very well known in the U.S.A. CSRA is the only industry-funded research group focused exclusively on advancing the science of safety. The CSRA has approximately 50 member companies who represent oil and gas, electric power, infrastructure, commercial building, and many other industry sectors. They have provided research towards the elimination of serious injuries and fatalities by enhancing the science of safety in the pipeline industry. Dr. Matthew Hallowell gave a webinar to introduce IPLOCA members to this institution on 18 March. IPLOCA members can contact them directly and request information regarding safety.

## Convention

Juan Arzuaga informed the Board that arrangements were continuing for the planned Annual Convention scheduled to take place in Prague from 13 to 17 September 2021. With the sanitary situation in Europe remaining unstable, however, it is impossible to predict what the situation will be in September.

Despite the fact that everyone is anticipating once again being able to meet in person it is important to bear in mind that a successful convention is necessary for the well-being of the Association. It was agreed to send out a doodle poll to all members to enable the Board to make

a final decision by 26 April on whether to proceed with the arrangements or postpone the convention to 2022.

The hotel had agreed to postpone the convention until 2022 on the condition that all the outstanding payments are made this year. This would mean that IPLOCA will have to pay in full the outstanding amount of EUR 172,400 for the convention out of this year's funds. The ground agent has also agreed to reschedule to 2022 if necessary. The dates for next year must be 19 to 23 September 2022.

## Regional Meetings

Regional Meetings were scheduled to take place this year but their organisation is still uncertain due to sanitary conditions. The following regions had planned to hold meetings: Europe Mediterranean, Latin America, East & Far East and Europe Central. IPLOCA is holding regular webinars so as to keep the membership up-to-date on new technologies and industry news.

Leon Richards suggested that Regional Meetings be held as joint events with Sister Associations and he is willing to organise something with APGA. Gonzalo Montenegro will work with Ebbo Laenge with regards to organising an online event for Latin America towards the end of the year. The Secretariat will make enquires into the options available and the cost of online platform event applications.

## Passing of Albert Zakhem and Attila Dogan

The board sadly referred to the unexpected passing of Albert Zakhem due to complications related to COVID-19 on 1 March and said he will be greatly missed by all the Board Directors and friends.

The sad news of the passing of Attila Dogan (a previous IPLOCA board member) from Attila Dogan Construction & Installation Company Inc. on 23 March 2021 was also announced.

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# Member News

## A.Hak International Enters Guinness Book of World Records

In March 2021, one of IPLOCA's long-standing members, A.Hak, received the official Guinness Book of Records certificate for the longest hydraulically-inserted pipe measuring close to 5000 m, which is a 48" pipe in the National Grid Humber Pipeline Replacement Tunnel in Lincolnshire, U.K., placed on 10 July 2020.

## CCC Accomplishments in Kuwait Lower Fars Heavy Oil Project

Kuwait Oil Company (KOC) Lower Fars Heavy Oil Development has the largest and most complex heavy oil scheme in the Middle East in the last decade. It is based on two phases extracting mainly heavy oil for export from the Lower Fars reservoir of the Ratqa oil field in Northern Kuwait. Phase 1 of the programme with a target production of 60,000 BOPD was awarded to the consortium of Consolidated Contractors Group SAL (CCC) and Petrofac International Ltd. CCC's scope of work





comprised the EPC for 400 km of pipelines, buildings and infrastructure at the Production Support Complex (PSC) with a total constructed area of around 57,000 m<sup>2</sup>. CCC applied several innovations in the project. Advanced automatic pipeline welding technology was utilised for most of the carbon steel pipelines reaching an average production of 80 joints/day. The use of innovative techniques extended as well to the building works utilising BIM to support construction of the complex structure of the administration building. A smart monitoring tool “Management Dashboard” was used to capture all progress data in near real time at various project locations using multiple input tools including handheld units and mobile applications. The target rate of 60,000 BOPD was achieved in September 2020.

## New Area Sales Manager for DENSO Group Germany



DENSO Group Germany has welcomed Pranav Purani as it continues to expand its global sales operations. He oversees sales in the regions of South-East Asia, Australia, New Zealand and North America from his base in California. English- and Hindi-speaking Pranav,

a native of India, has decades of international experience in the sale of corrosion protection products. He holds two NACE certifications for corrosion & coatings and pipeline coatings. Prior to joining DENSO, Pranav held various sales and marketing positions for companies including A.W. Chesterton, Parson Adhesives and Berry Plastics (Seal For Life Industries). In his previous role, he was International Market Development Manager responsible for the Asia-Pacific region, the Middle East and Africa. Nearer to the Group's home base, in April, DENSO Química S.A.U. celebrated its 50<sup>th</sup> anniversary of operations in Spain.

## Panorama of Projects for Denys

At the end of 2020 Denys completed the NET4GAS Capacity4Gas lot 1 project on schedule despite major obstacles due to the COVID-19 pandemic. Other projects, such as the Gascade Eugal Lot 7 & 8, and Gaz-System Tworgen-Tworzen were also finished as planned. Teréga's RCP (Renewal of Capens Pamiers section) has been in operation since mid-April and Saudi Aramco's rehabilitation project near Jubail is now in full speed to finish in one year from now. Last year was also very successful in respect of new project awards for 2021. These include Energinet Funen, an almost 80 km long DN900 pipeline project in Denmark; OGE NETG, a very complicated pipeline project, also mainly DN900, near Köln with a high number and variety of trenchless crossings; SNAM Mestre-Trieste, 30 km of DN400 with several micro tunnels near Venice, and GRTgaz A22 in Brittany, approximately 40 km of DN500 to be built in only five months.



The new year started well with the award of both pipeline lots for the Porthos project, a 33 km long DN1050 and ND400 pipeline project for carbon capture and storage in the port of Rotterdam, a milestone in the goal towards a carbon neutral economy in 2050.

## Goriziane's Hydraulic Release Mechanisms for Shackles

In line with the transition to new energy sources, Goriziane offers equipment and plants for renewable energy. Recently Goriziane delivered its Hydraulic Release Mechanisms (HRM) for shackles which will be used on one of its customer's offshore wind projects. The HRM will be used for lifting and positioning mono piles above and under the sea. The mechanism attaches and releases the shackles with a hydraulic-operated pin. It is frequently used in areas with limited access when it is challenging for personnel to attach or release shackle



connections in a secure and effective way. In addition to hydraulic release mechanisms for shackles, Goriziane also offers equipment for jacket construction, flange-lifting tools, spider clamps, outrigger, pile grippers, and equipment for tubular structures. Goriziane continues to provide innovative solutions for customers around the world.

### **Max Streicher S.p.A. Awarded Construction of Polish Gas Compression Stations**

With the "Baltic Pipe Project" a new corridor is currently being created for the transport of gas from Norway to Denmark and Poland and to other Central European countries. At the same time, gas will be delivered from Poland to Denmark and Sweden. The realisation of the project also requires an expansion of the Polish transmission grid, which includes the expansion of the gas compressor station near Goleniów and the construction of a new compressor station near Gustorzyn. Max Streicher S.p.A. has been awarded these two projects by gas operator Gaz System S.A. The scope of the services includes the procurement of materials and technical equipment for both plants, with the exception of the turbo compressors (2x5 and 1x10 megawatt capacity in Gustorzyn; 2x10 and 1x5 megawatt capacity in Goleniów); the execution of civil works for the construction of the infrastructure and buildings, and all mechanical and electrical works. The biggest challenge of the project is the extremely tight schedule. Despite the large plant dimensions, there are only 16 months for the actual construction phase, of which the last four months are for commissioning tests and the final documentation. Site works started at both construction sites in February 2021. According to the schedule, all commissioned main and ancillary buildings will be erected, pipes laid and the plant components (compressor system, gas pressure control and measurement system, gas cooling), including the

electrical and I&C systems, installed by May 2022. After the commissioning tests, which will start in March, it is planned to hand over the two compressor stations in June 2022.

### **Mohammed Al-Barghash Trading & Contracting Company (MBTC) Expands In-House Facility**

In 2020, MBTC incorporated a new division for trenchless construction and became a trenchless technology contractor by importing the first prime drilling machine with experienced staff to expand its field in this technology and innovation, beyond its current expertise. This will allow MBTC to execute HDD activities on its own using prime drilling machines. The company also imported one of the best technologies for mixing & recycling units. This unit will be used with the directional drilling machine for mixing and recycling of fluid. It reduces costs and saves time by recycling the return mud fluid using double hydro-cyclone stages. These stages are designed to ensure the best quality drilling fluid is pumped through the drilling hole.



### **Monter Strojarske Montaže d.d. Completes Works on Gas Pipeline in Croatia**

At the end of 2020, Monter Strojarske Montaže d.d. successfully finished works on the construction of the main gas pipeline Zlobin - Omišalj in Croatia. This pipeline connects the LNG terminal at the island of Krk (Omišalj) with the existing gas pipeline Pula - Karlovac DN500/75. The project included the construction of the main gas pipeline Zlobin - Omišalj, DN800/100 bar and 17,500 m in length; construction of the Zlobin gas station, built to connect the main gas pipeline to the existing Pula - Karlovac gas pipeline; and the construction of the Omišalj gas station on the island of Krk, to connect the main gas pipeline to the distribution gas pipeline DN1000/100 bar for the LNG terminal.





Earlier in 2020, Monter Strojarske Montaže d.d. successfully finished works on the construction of the distribution gas pipeline DN1000/100 bar for a total length of 4,200 m. Due to the extremely demanding terrain configuration and the extensive work required by the project, as well as the short deadline for execution, over 200 workers were employed on the construction site every day. The company performed the works to the maximum quality, respecting not only the deadline, but also the preservation of the health and safety of all workers and the environment.

### PipeSak Launches PipeDefender™ Pipeline Protection System for Extreme Terrains

After several years of R&D, PipeSak is set to launch PipeDefender™ on two large diameter projects in the Rocky Mountain region of Western Canada this spring. PipeDefender™ is a heavy-duty pipe protection system designed for extreme rock conditions replacing wood lagging and concrete coating, and eliminating the need for sand bedding and padding. Engineered to safely protect pipelines in rocky terrain, PipeDefender™ has been rigorously tested and proven to protect pipeline coatings from the repeated impact of large, angular rocks



of up to 45 lbs (20.4 kg) dropped from up to 10' (3 m). PipeDefender™ has also been successfully used to protect live pipelines from mechanical damage during excavations, and can be used to electronically isolate pipelines in cased crossings. The lightweight, interlocking design is easy to handle and can be quickly installed by two labourers using patented QuickZip™ fasteners. PipeDefender™ is engineered to work with cathodic protection systems and allows an easy path for groundwater, both into and away from the pipe. The modular design of the panels can be used for multiple pipe diameters and can be field trimmed to accommodate tight bends.

### PRCI Releases Interim Recommendations for Mitigation of Low-Strain Girth Weld Failures



Early findings from the PRCI project MATH-5-3B, have prompted the release of a technical bulletin entitled Guidance on the Use, Specification, and Anomaly Assessment of Modern Linepipes which provides interim recommendations for enhanced specifications for linepipe purchases and improved welding practices. Webinars were scheduled for 20 and 27 May. This bulletin was developed in response to a significant number of manual girth weld failures in newly constructed pipelines. These failures occurred primarily in X-70 grade SMAW cellulosic girth welds. The primary contributing factors to the failures included weld metal strength under-matching, heat-affected zone (HAZ) softening, and elevated stress/strain in the affected girth welds. It is believed that the implementation of the interim recommendations would significantly reduce the probability of such failures. The technical bulletin does not cover all the measures that can be taken to minimise the probability of low-strain failures, nor does it guarantee that such failures will not occur. The completion of the final phases of MATH-5-3B may result in an update to this guidance with additional details and results. A final report will reinforce the findings in the technical bulletin and will include additional recommendations. It is expected to be published within the next 12 to 18 months with the conclusion of the project.



## Major Supply Contract Won by Salzgitter Group in Qatar

The Salzgitter Group has won a major supply contract for approximately 160,000 tons of large diameter pipe and bends for a major pipeline project in the State of Qatar. The order was placed by the 100%-owned SZAG subsidiary, Salzgitter Mannesmann International GmbH. It is also responsible for all project coordination and execution steps within the Salzgitter Group, in addition to being responsible for monitoring the supply chain. The large-diameter pipes are being produced by EUROPIPE GmbH, Mülheim, which is a joint venture of the Salzgitter Group and a stock company of Dillinger Hüttenwerke. The pipe bends are being made by the Mülheim pipe-bending plant of Salzgitter Mannesmann Grobblech GmbH. Production for the pipe and bends commenced early 2021.

## Sepcon Awarded Four Key Projects in Peru and Bolivia

Four EPC projects are to be executed by Sepcon's oil & gas and mining divisions. The Main Tailings Discharge Pipelines at the Constancia Mine in Cuzco, Peru for Hudbay involves a 32" carbon steel pipeline with internal HDPE liner coating. Pluspetrol Peru Corp has commissioned Sepcon for two EPC projects in Camisea, Cuzco: the WHCP21 Cashiriari Wellhead Compression Project and the Malvinas Gas Plant Electromechanical works. The Bolivian project in Incahuasi, Santa Cruz is for Total E&P Bolivie and includes a 10" carbon steel flowline construction and production facilities Well pad ICS-05 and interconnection and production facilities Well pad ICS-03 upgrade.

## Serimax Welding Solutions Adapt to Today's Market



Serimax has engineered and successfully brought to the market a new internal welding clamp, the INTERNAX, which boasts a unique pipe re-rounding capability and ensures full penetration of the internal bead with lower pipe quality. The oscillation of the 8 welding heads is a welcome new development for the oil & gas pipeline

welding industry as it brings the welding repair rate to the sub 1% level while reducing the overall welding cycle time from joint-to-joint to less than 3 minutes on large diameter pipes. Most importantly, the INTERNAX new clamping and welding technology eliminates the recurring crack potential between the completion of the root and the start of the hot pass weld which brings a new and competitive improvement to the industry.

## SICIM Announces New Major Contracts in Canada



SICIM expands operations in Canada, capitalising on two new acquisitions that add to the ongoing work of the Trans Mountain Expansion Project and the Brewster Pipeline Section of the NGTL Expansion Project. This is in continuity with the corporate strategy of engaging the major Canadian infrastructure companies. Pembina has recently awarded a new contract for the construction of the Big Smoky Pipeline project, part of phase VII of the Peace Pipeline Expansion, to Steel River SICIM Pipeline Ltd., an affiliated company within the SICIM Group. The SOW includes the construction of 110 km of new pipeline through the Peace River Country, the installation of 7 HDDs and multiple trenchless. Construction will start at the end of June 2021 with the in-service date scheduled for mid-December 2021. At the same time, SICIM has secured the western section of the Coastal Link Pipeline, spread 8 West & Icy Pass, in association with the long-term partner Ledcor and with Haisla, an indigenous entity. Coastal link pipeline safely delivers natural gas across northern British Columbia to the LNG facility in Kitimat. Spread 8 consists of 55 km of 48" gas pipeline and includes challenging construction sections, through steep rocky and icy slopes in remote areas, under strict environmental constraints. Sustainability is one of the key challenges of this project, encompassing safety; indigenous, landowner and stakeholder relations; archaeological and cultural values; and land use compatibility.

## STREICHER has designed an innovative welding tractor for pipeline construction

The STREICHER welding tractor has been designed from scratch based on practical requirements. The use of a technologically advanced electric drive system eliminates the need for one of the two diesel engines normally used, thus minimising fuel consumption and CO<sub>2</sub> emissions, as well as operating and maintenance costs. One special feature is that the entire electric drive system and the crane are operated with a single, combined radio remote control. This concept leads to more safety, as the operator has the flexibility to choose his position to have an overview of all the activities on the site. Another priority was to meet the growing demands of environmental protection, especially in sensitive areas, by keeping the ground pressure remarkably low.



The use of a low-maintenance crawler chassis with generous ground clearance and fording depth completes the concept of this innovative welding tractor. The generator provides the power needed to drive the tractor, to power the welding generator and to operate the crane. The variable platform design offers space for project-specific welding technology including, if necessary, compressor and gas bottle systems as well as transport and material boxes, and electrode ovens. Several Streicher welding tractors are already in use on pipeline projects in Europe, while another spread is currently in production.

## Swiss Approval International - the Authorised Inspection Body for TAP

Swiss Approval International inspection & certification body is proud to have been part of the successfully completed Trans Adriatic Pipeline (TAP), as the only unconditionally authorised third party inspection body, for the 400 km of 48" pipeline in Northern Greece, constructed by JV Bonatti - J&P Avax (sections 2-3), which transports natural gas from the Caspian region to Europe by connecting to



the TANAP. Swiss Approval provided inspection services according to the approved Inspection and Test Plan [ITP] and issued the final inspection certificate to authorities and insurance companies for the whole pipeline section. The highly qualified inspection team, in collaboration with the vendor's quality team, was in the "front line" in order to guarantee the conformity of construction with the client's specifications and national legislations.

## New Contracts Awarded to Techfem in 2021

The year got off to a good start for the construction supervision and pre-commissioning business units of Techfem. Snam Rete Gas and Techfem signed three construction management and supervision contracts for the 16" Mestre-Trieste (2 lots out of 3) and the 26" San Salvo-Bicari (1 lot out of 3) high pressure gas pipeline replacement projects. The activities will flow into 2023. Moreover, London-based Saipem Ltd., awarded Techfem the offshore pre-commissioning campaign of the Baltic Pipe Project, a strategic gas interconnector between Denmark and Poland. Techfem will set up temporary sites in both landfalls to perform, among other services, the hydraulic test of the 36" 275 km offshore section, scheduled for completion in 2022.





## Vacuworx Introduces Online Training Programme for RC Series

The Vacuworx commitment to safety does not end with product development. Recognising that implementing and enforcing safety protocols can sometimes be quite difficult, especially amid the rising costs of doing business, Vacuworx has introduced an industry-leading training programme to provide unparalleled access to information to help ensure that dealers and contractors are able to use and service their equipment correctly and safely. The new online Vacuworx Training Centre on the company's website is available to anyone who operates or services Vacuworx vacuum lifting systems. The self-guided programme currently includes five modules, each with course certifications, focused on the RC Series lifters including installation, daily operation checklist, operation, maintenance and troubleshooting. The overall goal of this programme is to provide convenient access to training at any time. It enables customers to quickly educate new hires, rather than waiting to schedule in-person training from Vacuworx, and standardises instruction for the entire team.

## Winn & Coales International Acquires Global Viscotaq™ Business



Winn & Coales International is expanding its corrosion prevention and sealing products portfolio with the acquisition of the Viscotaq™ business, including Amcorr Products and Services, Inc., manufacturer of viscoelastic protective coatings. Amcorr Products & Services Inc, based in San Antonio, U.S.A. is the formulator and manufacturer of viscoelastic protective coating technology, Viscotaq™. The patented Viscotaq™ product range is used for corrosion prevention and sealing applications on vital infrastructure across a broad range of sectors. The unique, self-healing technology of Viscotaq™ offers asset owners outstanding, long-term protection against corrosion. Amcorr was originally

established in June 2000 in San Antonio, U.S.A., and rapidly became the North American market leader of viscoelastic coatings and sealants in the corrosion industry. For more than 90 years, the Winn & Coales International Group of companies has been creating bespoke and off-the-shelf solutions that provide enduring protection against corrosion and chemical attack to buried and exposed pipes, valves, fittings, steel work, marine structures, tanks and concrete banded areas. The acquisition of Amcorr is aligned with the company's focus on investing in and providing the highest quality corrosion prevention solutions for its customers.

## Xionggu Electrical Continues Serving



## Sino-Russia Pipeline

The Sino-Russia gas pipeline project has a mainline length of more than 3000 km including three phases. Phase 1 and 2 were put into operation in 2019 and 2020. Phase 3 starts from Yongqing in Hebei Province, passing through three provinces from the north to the south all the way to Shanghai City. The length of the mainline to be constructed is 1243 km and it is expected to be put into operation in 2025, resulting in natural gas being transmitted from Russia to Shanghai. In the meantime, the pipeline will connect the completed Northeast China, North China and East China pipe networks. The daily gas transmission capacity will exceed 50 million cubic meters. Sixty spreads of Xionggu internal welding machines plus dual torch external welding machines have been in service in this project up to April 2021. Phase 3 of the Sino-Russia pipeline passes through four provincial administrative regions with developed economies, dense populations and a dense water network. There are 94 large and medium-sized rivers across the whole line, 46 environmentally sensitive points such as an aquatic germ plasm resources reserve and wetland park, 2 cultural relics and 83 ecological protection red line areas. The construction technology is complex and the requirements



# Membership Centre

## New Regular Member



**Zakneftegazstroy-Prometey**  
(ZNGS-Prometey) is a

construction company which was established in 1958. For over 60 years it has built more than 8500 km of pipelines and a significant number of industrial facilities, residential buildings and participated in over 70 large-scale oil and gas projects. ZNGS-Prometey provides a full range of services for design and survey work, material and technical equipment of facilities, sophisticated technological equipment and project management for construction in the oil, gas and energy industries. The company has implemented projects in Russia, Belarus, Ukraine, Turkmenistan, Uzbekistan, Moldova, Kazakhstan, India, Greece, Turkey, Algeria, Sudan, Syria, Saudi Arabia, Iran and the United Arab Emirates. The company's extensive construction potential allows an annual participation of up to 500 km of large-scale construction projects using 1220-1420 mm pipes and the construction of up to 1500 km of low-pressure pipes including polyethylene pipes.

### **Zakneftegazstroy-Prometey**

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[zngs@prometey.com.ru](mailto:zngs@prometey.com.ru)  
[www.prometey.com.ru](http://www.prometey.com.ru)

## New Associate Members



For more than 40 years, **Bertet** has offered services opening trenches for pipeline construction of all diameters, mining bulk excavation and the most complex earthworks in rocky and abrasive areas. It has been involved in major pipeline

projects in France, working with international contractors operating on behalf of Gaz de France, Esso, Exxon and many others. In recent years, Bertet has started exporting its services to Europe and participated in the opening of trenches in the Greek section of the Trans Adriatic Pipeline project. It has now expanded its field of expertise to Africa, the Middle East and South America, working alongside international partners. With its large fleet of specialised equipment, Bertet is able to provide support to customers in all projects requiring in-depth expertise to open trenches in the most aggressive soils and inhospitable terrain.

### **Bertet**

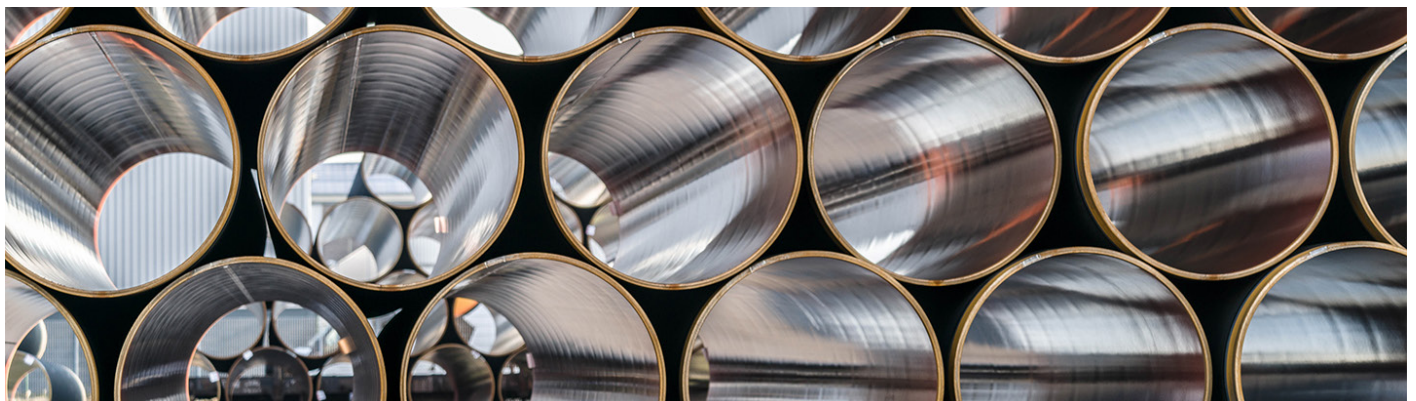
ZI du Bois de Leuze  
21 avenue Marie Curie  
13310 Saint Martin de Crau  
France  
T +33 4 90 47 79 29  
[contact@groupe-bertet.com](mailto:contact@groupe-bertet.com)  
[www.bertet-tp.fr](http://www.bertet-tp.fr)



**Karaoğlu Landscape Arch. Eng. Tr. Inc.** has been in the landscape construction business for over 26 years. They specialise not only in recreational landscapes but also nature restoration and erosion control projects. With many years of experience in this domain and knowledge of hydro seeding, hydro mulching and slope stabilisation they were subcontracted by the Trans Anatolian Natural Gas Pipeline in 2017 and 2018 to ensure that post construction nature restoration was achieved.

### **Karaoğlu Peyzaj Mimarlık Mühendislik Tic.**

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# Health, Safety, the Environment & CSR

## HSE Statistics

At the date of the HSE & CSR Committee meeting mid-April, only 50% of Regular Members had submitted their statistics that were due on 5 March. Reminders were sent to those companies whose statistics had not been received. It is a requirement of IPLOCA Regular Membership to submit HSE statistics and a specific deadline is set such that aggregate statistics for the industry are collected and monitored on an annual basis. The 2020 IPLOCA Health, Safety & Environmental Statistics Report will be published in September.

## IPLOCA HSE & CSR Awards

Two HSE Awards will be presented this year: the 2021 IPLOCA Health & Safety Award sponsored by TC Energy and the 2021 IPLOCA Corporate Social Responsibility Award sponsored by Total. Please note that the deadlines for submissions have been extended to 25 June and 2 July, respectively. We invite you to take this opportunity to choose which of your company's significant initiatives or achievements meets the eligibility requirements to be considered for one of these awards. (see page 22 for further details). Information on the initiatives submitted and the winners will be published on our website and in future editions of this newsletter.

## HSE Shared Experiences Platform

The HSE Shared Experiences Platform celebrates its 5<sup>th</sup> anniversary this month. It was launched as a databank to build and share an inventory of best practices, lessons learned and safety alerts from the industry to improve safety and the environmental imprint on pipeline construction sites. The platform's main purpose is to

help members avoid accidents. We would like to thank all those who actively participate in making this initiative a success.

The HSE Committee has noticed, however, that given the size of our membership base this very valuable data source is not visited regularly enough and there are too few contributors. The committee welcomes and encourages all industry players to share their health, safety and environmental experiences and invites you to learn from others by visiting [www.iploca.com/hseplatform](http://www.iploca.com/hseplatform).

Contact [sebastien.goetschmann@iploca.com](mailto:sebastien.goetschmann@iploca.com) if you have any questions.

## 2021 HSE Workshop

**Tuesday, 26 October**

**Crowne Plaza Athens - City Centre, Greece**

**This year, the HSE workshop will cover a number of themes, including hazard identification, fatigue management, and analysis of LTI calculation.**

It will also address the need for global standard calculations for CO<sub>2</sub> and defining a unique approach to calculating CO<sub>2</sub> and O<sub>2</sub> emissions. This workshop will take place just before the Novel Construction Fall Session, scheduled for Wednesday 27 and Thursday 28 October, that is also taking place in Athens. There is no charge for attendance at these events, considered a benefit of membership, but registration is required. Invitations will be sent out by the end of July. Look out for more information on [www.iploca.com/hseworkshop](http://www.iploca.com/hseworkshop) and via email.

# Innovation

## Selection and Deployment of Technological Innovations

**Loek Vreenegoor, Engineering Manager of the Central Upstream Asset Support Team of Shell, an IPLOCA Corresponding Member, answers the following question, extracted from the TechnologyCatalogue.com blog:**

“In times where companies are faced with overwhelming choices of technologies, how, would you say, can technology platforms like TechnologyCatalogue.com and IPLOCA Members Technology Platform help to accelerate the selection and deployment of technological innovations?”

In today’s competitive business environment, it is highly critical to have a repository of solutions where you can quickly find technologies to address your needs. It is important that you can compare, see pros and cons, read about successful deployments in various territories and industries, and tap into references from independent experts. This is something you can do on your own but it takes a lot of time and effort. So, if you can outsource it or have access to a platform that does it, your problem is solved right away.



**Loek Vreenegoor** has over three decades of experience at Shell, holding technical and leadership positions, in charge of lab experimentation, innovation and R&D, replication and commercialisation of technologies, among others. In his current role, he provides cross-discipline support to upstream assets globally, including technology deployment and R&D support.

With technologies popping up here and there every day, it is nice to bounce ideas around with other members of the community. In this way you get practical input from people in the same industry, which is important in a world dominated by information and data; you cannot track it all on your own.

A platform like TechnologyCatalogue.com or the IPLOCA Members Technology Platform can be of great help as you have people in the industry sharing reviews of technologies which they have either used in their own businesses or are knowledgeable about. The challenge, however, is to maintain a vibrant community where people participate and are willing to share thoughts, ideas and experiences.

## Not yet registered on the IPLOCA Members Technology Platform?

**The IPLOCA Members Technology Platform is available for all our members to promote their technologies and services, and its use is free of charge.**

We have already received more than 20 technology descriptions and the number of IPLOCA members that have registered is constantly increasing.

The process of registering your company’s technology is simple. All you need to do is go to <https://iploca.technologycatalogue.com> and click on the “Sign up for a free account” button, complete the form, and then login using your new username and password.

After logging in, click on the “Add your technology” button in the top right-hand corner and enter the information requested. The Technology Catalogue team will then receive a notification and will contact you in



order to start drafting your company’s page. Once the draft has been approved, it will be published in the IPLOCA Technology Catalogue as well as the global Technology Catalogue: [www.technologycatalogue.com](http://www.technologycatalogue.com).

If you have any questions about the IPLOCA Members Technology Platform please contact [gregoire.demontmollin@iploca.com](mailto:gregoire.demontmollin@iploca.com).



## Novel Construction Spring Session

Due to the COVID-19 pandemic, the Spring Novel Construction meeting was held online, via Zoom and audio conference, on Wednesday, 14 and Thursday, 15 April.

On Wednesday afternoon, presentations were made by IPLOCA members and invited speakers on novel products and initiatives with the aim of improving pipeline design and construction. These included the following topics and speakers:

- **Enhanced Practices for Building Strain Tolerant Pipelines**, Steve Rapp & Russell Scoles, PRCI
- **PE-Pipelines – Improvement of Productivity and Safety using Mobile VFT Welding Machines\***, Sebastian Schwarzer, Vietz
- **Goriziane E&C's Pipe Facing Machine "60-88"**, Massimiliano Daita, Goriziane S.p.A.
- **Sustainability and Circular Economy Strategy\***, Dr. Samir Thabit, CCC

- **By Practitioners for Practice,**

Boris Böhm & Markus Weiss, Max Streicher GmbH

\* *Articles on these subjects follow this report*

Copies of all the presentations are available on [iploca.com/event/iploca-novel-construction-spring-session/](http://iploca.com/event/iploca-novel-construction-spring-session/)

On Thursday afternoon, working group sessions and presentations took place to review existing/new chapters to be completed and new subjects to be developed for "The Road to Success" app.

We would like to thank all of those who participated. If you would like to take part in this initiative, please contact the appropriate group leader (see below) or [gregoire.demontmollin@iploca.com](mailto:gregoire.demontmollin@iploca.com).

We look forward to our next session which is planned for 27-28 October 2021 at the Crowne Plaza Athens - City Centre, Greece.

Working Groups	Leader (Company)	Email
Health & Safety	Alain Gauthiez (Spiecapag)	<a href="mailto:alain.gauthiez@spiecapag.com">alain.gauthiez@spiecapag.com</a>
Earthworks & Crossings	Diana Rennkamp (Herrenknecht)	<a href="mailto:rennkamp.diana@herrenknecht.de">rennkamp.diana@herrenknecht.de</a>
Steep Slopes Installation	Matt Granger (Ledcor)	<a href="mailto:matt.granger@ledcor.com">matt.granger@ledcor.com</a>
New Trends & Innovation	Mustafa Abusalah (C.C.C.)	<a href="mailto:mabusalah@ccc.net">mabusalah@ccc.net</a>
Coatings	Somaieh Salehpour (Seal for Life)	<a href="mailto:somaieh.salehpour@sealforlife.com">somaieh.salehpour@sealforlife.com</a>
Environment	Katrina Cooper (RSK)	<a href="mailto:kcooper@rsk.co.uk">kcooper@rsk.co.uk</a>
Logistics	Jean-Baptiste Rousseau (Spiecapag)	<a href="mailto:jean-baptiste.rousseau@spiecapag.com">jean-baptiste.rousseau@spiecapag.com</a>

## PE Pipelines

### Improvement of Productivity and Safety Using Mobile VFT Welding Machines

*Sebastian Schwarzer, VIETZ GmbH, Germany*

Nowadays plastic pipelines form an integral part of infrastructure. Inventions of new materials, production and installation methods for extruded pipes enables new applications and dimensions in a growing range of needs.

Cross-linked polyethylene PE-HD or PE-X and high modular polypropylene PP-HM with similar material characteristics as PE-HD, enables butt fusing pipes and fittings with a variety of pressure ratings and diameters. Pipes from 1/2" to 100" (20-2500 mm) in several standard dimension ratios SDR 5-33 and pressure stages PN 3-40 can be utilised in most applications. It is now possible to

optimise the installation method for fuseable plastic pipes to make long distances more reliable and cost effective.

#### Typical applications for butt-welded plastic pipelines (HD-PE/PP-HM) and potential for future uses.

The most common applications for butt-fused plastic pipelines are water and natural gas distribution networks. Polyethylene PE for water pipelines came to prominence during the 1950s. Gas and water networks are typically installed in trenches or with trenchless methods. PE-HD can also be used for above ground emergency bypasses to link



VFT 900, on site in Australia, ref. Plummers Industries Pty. Ltd.

damaged pipelines for a limited period. Today, most applications are for above ground pipelines utilised within the mining industry. The life cycle of these pipelines is usually up to 30 years. Afterwards the pipelines are dismantled and recycled. Process and freshwater transportation or slurry processing are common applications.

The ongoing climate change brings new challenges for urban and non-urban regions around the globe. Periods of heat require irrigation for farms as well as water to fight against wildfires. Environmental energy from wind farms, solar farms and hydroelectric power plants will reduce the carbon dioxide output level for energy production, however the high voltage grid needs to be updated to avoid shutdowns. New power grids like "SuedLink" in Germany, where hundreds of kilometres of protection pipes for cables will be required, are the markets for the future.

Existing pipelines need rehabilitation at the end of their lifetime. Plastic pipes are common for trenchless pipeline rehabilitation like pipe bursting, slip lining and pipe reduction methods. Trenchless pipe installation methods like horizontal directional drilling (HDD) and special

microtunneling application use butt welded plastic pipes as well. All applications have the same needs. A high quality pipe with welded joints safeguards the installation process to be safe and effective. VFT welding tractors improve productivity (speed and costs) and safety aspects on all job sites.

## VFT Welding Tractor

VFT welding tractors are suitable for safe and economic plastic pipeline installation. VFT's are self contained and self propelled all terrain machine carriers for butt-welding machines. In combination with state of the art welding equipment and the onboard generator, a full automatic welding process is possible. Data logging systems enable a 100% report for all joints. The automatic self load and clamping system for the pipe increases the health and safety standards for the operators. The accident risk is much lower than with pipe handling with a crane or excavator. There is no need for lifting equipment during the welding process. This saves labour expenses and equipment costs.

The large 360° panoramic view cabin protects the operators against all elements i.e. rain and snow, sun and UV radiation, dust and dirt. The climatically controlled cabin (heater and air conditioning) guarantees a constant temperature for the operator, as well as a high quality joint within international welding standards for PE and PP pipes.

A special fusioning working yard is redundant. The setup of fusioning equipment, weather protection tent or container, generator, pipe handling equipment (excavator, crane) for a limited range of distance is not efficient in comparison to the all-in-one VFT solution moving forward with the installation process. Set-up times are minimised. A one man operation and the optimised fusioning process using the VFT welding tractors enables more productivity. Savings compared to the conventional process are 30-50% depending on pipe size, wall thickness and local situations. As an option, "optimised cooling equipment" can increase the savings up to 50-70% based on reduced cooling times.

The track undercarriage with cross-country mobility, reduced ground compression, and road-liner rubber pads as an option prevent damages on asphalt and paved surfaces.



# CCC's Sustainability Strategy and Circular Economy Approach

**Samir Thabet**, Corporate Sustainability Manager, CCC, Greece

**Lila Aggelopoulou**, Sustainability & Communications Coordinator, CCC, Greece

**Sustainability, generally speaking, is the continuity of a business in the present and the future. It enables the ability to maintain or support an activity or process over the long term. CCC is integrating sustainability into all our business activities.**

Our operation assessment allows us to identify and prioritise actions that address our direct environmental and social impact and to explore opportunities to make a difference wherever we operate. We strive to align our strategy with the Sustainable Development Goals (SDGs), a call to action set by the United Nations General Assembly in 2015 to protect the planet and ensure that all people enjoy peace and prosperity.

CCC has established a solid internal pledge to facilitate the integration of sustainability across the company, grounded upon specific strategies, procedures, and structures. Our various ISO-certifications, environmental management system (EMS), corporate policies, project manuals, green construction guidelines, camp manuals, and supply-chain sustainability assessment tools are examples of how we embed responsible practices in our decision-making and operations. In CCC, we have also established procedures to monitor sustainability metrics and track local as well as global developments.

CCC is specialised in the construction of mega projects (either civil or mechanical). It has completed ten certified



CCC Camp - renewable energy: PV roof top



Interactive programme on green building practices, designed for university students

green building projects across the MENA region, and we are currently managing five major projects aiming for certification, worth in total USD 4 billion. We recognise that construction companies play an essential role in promoting long-term sustainable value for society. Therefore, we are increasingly concentrating on the business opportunities of the sustainable construction industry, and for the near future, CCC is well placed as a leading green solutions provider.

CCC has streamlined its corporate sustainability strategy with the UN's SDGs for 2030. We are particularly committed to specific goals and follow targeted strategies. For instance, we resonate with SDG's "#4 - Quality Education" and "#8 - Decent Work & Economic Growth" by focusing on vocational training in the various countries where CCC has an operational presence. The objective here is to empower the local workforce with technical skills and build a competent workforce for our projects. SDG's "#9 - Build Infrastructure & Foster Innovation" and "#11 - Make Cities Sustainable" are directly relevant to our core activities of providing infrastructure that matters.

CCC's projects in transportation, water infrastructure, green building, and renewable energy address global infrastructure needs and provide sustainable solutions for delivering reliable energy, clean water, transportation,



and housing. SDG's "#12 - Sustainable Consumption and Production" for CCC translates into taking responsibility for how materials are sourced, used, and disposed of throughout the life cycle of projects. Applying conscientious material procurement, using advanced technology, and following circular economy principles significantly reduce projects' environmental impacts. On-site sewage treatment systems, reuse of construction waste, and recycling materials are some of CCC's targeted practices.

We focus on reducing our environmental impact by reducing our environmental (carbon/water) footprint through efficiency measures and sourcing of sustainable materials. We are committed to securing a safe and healthy workplace for our employees. We have also reserved space for volunteering

activities that reflect our employees' spirit to support the local communities. CCC's sustainable management of resources aims to preserve raw materials throughout the life cycle of materials, taking into account economic efficiency and social equity. In line with the concept of a circular economy, we focus on the three key areas:

- Using materials with a high recycled content;
- Reusing what already exists. Existing products, once used, are reused or recycled to make new products which will be used on the job site;
- No resources are disposed of.

Integrating sustainability within the company strategy has led to the achievement of our social, environmental, and economic goals.

## 2021 Convention Prague

**Postponed to 19-23 September 2022**



Based on the feedback received via a poll that was sent to all members mid-April, as well as a review of the current COVID-19 pandemic status and vaccination roll-out projections, the Board of Directors decided, regrettably, to postpone IPLOCA's Annual Convention that was scheduled to take place from 13 to 17 September 2021 at the Hilton Prague hotel, Czech Republic.

It was a very difficult decision, however, the Board of Directors is determined to prioritise and maintain the exceptional level of event that our delegates have come to expect from our Annual Conventions.

The Secretariat would like to thank all those members who sent messages of support and encouragement following the announcement on 29 April, and we look forward to meeting all our members in person once again, in September 2022.



### Remembering Attila Dogan

**It is with great sadness that we learned of the passing of our dear friend and colleague, Attila Dogan, on 23 March.**

Founder and Chairman of one of IPLOCA's long standing Regular Members, Attila Dogan Construction and Installation Company Inc., in Turkey, Attila was also a member of the IPLOCA Board of Directors from 2003 to 2005 where he played an active role as Director for Europe Eastern. Our thoughts are with his wife, Nilufer, and their family.



### In Memory of Ton van Daal

**We are sad to inform you of the passing of Ton van Daal on 21 April.**

He was a former director and former co-owner of Maats

Pipeline Professionals. Together with former IPLOCA board member Willem Maats, who passed away in September 2016, Ton enjoyed old cars and drove many old-timer rallies as Willem's navigator; a hobby which he continued to practise after Willem's death, together with Marja Maats. Even after leaving Maats, Ton remained very interested in the company and the pipeline industry in general. His enthusiasm and humour will be greatly missed.



# 2021 IPLOCA Awards

## Deadlines Extended

Would your company like the opportunity to be selected and recognised as a leader in search of excellence within the pipeline industry? You now have extra time to choose which of your company's significant initiatives or achievements meets the eligibility requirements to be considered for one of the IPLOCA Awards.

Please note that the deadlines for submissions have been extended by 45 days. For more information, such as guidelines, entry forms, eligibility and details on previous

winning entries, please go to [www.iploca.com/awards](http://www.iploca.com/awards). Remember that all entries should be focused on the pipeline industry and related work and are required to comply with the guidelines, including submission in the appropriate format, not exceeding the maximum number of pages and within the specified time frame.

## Reminder

For the annual H&S Award, entries are limited to projects launched a maximum of three years earlier, and a maximum of five years for the four other awards that are presented every other year. Please contact Sébastien Goetschmann, [sebastien.goetschmann@iploca.com](mailto:sebastien.goetschmann@iploca.com), if you have any questions.



## 2021 IPLOCA Health and Safety Award sponsored by TC Energy

### New deadline: 25 June

The Health and Safety Award is presented each year in recognition of members' initiatives aimed at improving the health and safety of the pipeline industry such as:

- A unique innovation or initiative to avoid incidents
- A new and well-defined system, procedure or practice enhancing safety
- Implementation of lessons learned

- An initiative to address a specific need identified in the local community
- A programme or practice demonstrating the corporate social responsibility of the company
- A creative initiative in which a large impact is made with a small investment
- A long term project, intended to be continuously supported by the company or another company, once the pipeline activity is complete



## 2021 IPLOCA Corporate Social Responsibility Award

**TOTAL** sponsored by Total

### New deadline: 2 July

The Corporate Social Responsibility Award is presented every second year, alternating with the Environmental Award, and is in recognition of members' initiatives, which are aimed at improving the living conditions of the people impacted by the pipeline industry such as:



## 2021 IPLOCA New Technologies Award sponsored by BP

### New deadline: 9 July

The biennial New Technologies Award gives recognition to a significant contribution to innovation in the engineering of, the provision of equipment for, and the construction of pipelines by virtue of:

- A technological or engineering breakthrough
- A new piece of equipment, tool or construction supply
- A new type of permanent material
- Other relevant innovations





# IPLOCA Yearbook

2020-2021

The IPLOCA Yearbook is available in hardcopy and all listing information is available at [www.iploca.com/members](http://www.iploca.com/members)

Do not hesitate to send us the addresses of the persons to whom you wish us to send a copy of the IPLOCA Yearbook. Additional printed copies can be obtained on request from the website [www.iploca-yearbook.com](http://www.iploca-yearbook.com).

A new edition of the Yearbook will be published in November. A request for changes and an email with advertising/sponsoring opportunities will be sent out in June to all IPLOCA members.

## Important IPLOCA Dates

**2021 IPLOCA Health & Safety Award**  
25 June - Deadline for submissions

**2021 IPLOCA Corporate Social Responsibility Award**  
2 July - Deadline for submissions

**2021 IPLOCA New Technologies Award**  
9 July - Deadline for submissions

**Member News for IPLOCA September Newsletter**  
30 July - Deadline for submissions  
[newsletter@iploca.com](mailto:newsletter@iploca.com)

**Candidates for Nominations to IPLOCA Board of Directors**  
12 August – Deadline for applications  
[juan.arzuaga@iploca.com](mailto:juan.arzuaga@iploca.com)

**Member News for IPLOCA December Newsletter**  
30 October - Deadline for submissions  
[newsletter@iploca.com](mailto:newsletter@iploca.com)

# Upcoming Events

2021

N.B. As the situation evolves concerning the sanitary crisis in each country, we recommend you check individual websites to ensure an event is taking place.

## 7th Annual HDD Academy

10-11 June - Scottsdale, AZ, U.S.A.

[www.hddacademy.com](http://www.hddacademy.com)

## DCA 60th Annual Convention

27-31 July - Orlando, FL, U.S.A.

[www.dcaweb.org](http://www.dcaweb.org)

## PLCA 73rd Annual Convention

11-15 August - West Virginia, U.S.A.

[www.plca.org](http://www.plca.org)

## Offshore Technology Conference

16-19 August - Houston, TX, U.S.A.

[2021.otcnet.org](http://2021.otcnet.org)

## Offshore Pipeline Technology Conference (OPT)

22-24 September 2021 - Amsterdam, The Netherlands

[informaconnect.com/offshore-pipeline-technology](http://informaconnect.com/offshore-pipeline-technology)

20% discount for IPLOCA Members

## APGA Convention and AGM

25-28 September - Brisbane, Australia

[www.apga.org.au](http://www.apga.org.au)

## 9th Annual Global EPC Project Management Summit

29 September–1 October - London, U.K.

[www.opexgrp.com/upcoming-events.aspx](http://www.opexgrp.com/upcoming-events.aspx)

## Transportation Oil & Gas Congress 2020

18-19 October - Zurich, Switzerland

[togc.events](http://togc.events)

## IPLOCA HSE Workshop

26 October - Athens, Greece

[www.iploca.com](http://www.iploca.com)



## IPLOCA Novel Construction Session

27-28 October - Athens, Greece

[www.iploca.com](http://www.iploca.com)



## ADIPEC

15-18 November - Abu Dhabi, U.A.E.

[www.adipec.com](http://www.adipec.com)

## Pipeline Leadership Conference

17-18 November - Houston, TX, U.S.A.

[plconference.com](http://plconference.com)

# Nominations

## to the 2021-2022 IPLOCA Board of Directors



Every year, usually at our Annual Convention, the Board of Directors is renewed by the incorporation of new members. As per the IPLOCA By-laws the term of office is up to two years for those seats that are not for appointed or "at-large" directors.

### Vacant Seats

We are looking for candidates who would like to serve on the IPLOCA Board of Directors. Executives who are nominated can also volunteer to sit on one of IPLOCA's committees or projects as necessary. Nine seats are becoming vacant at the end of September 2021:

#### 2 seats in Middle East & Africa

[www.iploca.com/regular-members-middle-east-africa](http://www.iploca.com/regular-members-middle-east-africa)

#### 1 seat in America North

[www.iploca.com/regular-members-america-north](http://www.iploca.com/regular-members-america-north)

#### 1 seat in Europe Central

[www.iploca.com/regular-members-europe-central](http://www.iploca.com/regular-members-europe-central)

#### 1 seat in Latin America

[www.iploca.com/regular-members-latin-america](http://www.iploca.com/regular-members-latin-america)

#### 1 seat in Europe Mediterranean

[www.iploca.com/europemediterranean](http://www.iploca.com/europemediterranean)

#### 2 seats in East & Far East

[www.iploca.com/regular-members-east-far-east](http://www.iploca.com/regular-members-east-far-east)

#### 1 seat representing the Associate Members

[www.iploca.com/associate-members](http://www.iploca.com/associate-members)

If you are an owner or a senior executive of a member company and would like to be considered for a vacant seat on the IPLOCA Board of Directors, please review the Duties and Commitments of Board Members. An application form, complete with a brief résumé and a photograph should be sent, no later than **12 August 2021**, to the IPLOCA Executive Secretary, [juan.arzuaga@iploca.com](mailto:juan.arzuaga@iploca.com).

Nominated Board Directors serve a two-year term commencing after the approval of the results at the Annual General Meeting (AGM). The date for this year's AGM will be communicated to members in the near future.

Further information on vacant seats for the 2021-2022 IPLOCA Board of Directors is available on our website via this link [www.iploca.com/vacantseats](http://www.iploca.com/vacantseats).

### Voting at Regular or Associate Member Meetings

Following the postponement of IPLOCA's 2021 Convention in Prague, Czech Republic due to the coronavirus pandemic, the nominations for the 2021-2022 IPLOCA Board of Directors will be held via video and audio conference mid-September 2021. Invitations to attend these meetings will be sent nearer to the date. Any questions regarding the nomination procedure can be addressed to the IPLOCA Executive Secretary, [juan.arzuaga@iploca.com](mailto:juan.arzuaga@iploca.com).

**In accordance with the Association's current By-laws (effective as of 30 September 2017), the IPLOCA Board of Directors consists of a minimum of 12 and a maximum of 25 directors as follows:**

1. Up to sixteen directors representing Regular Members (one or two directors for each of the 8 geographic regions as per the current membership), elected by the Regular Members
2. Three directors elected by and representing the Associate Members of the Association
3. Up to five Directors-at-Large make up the remainder of the Board, and are appointed each year by the Board of Directors at its first meeting. The Directors-at-Large are nominated by the Executive Committee and appointed following the approval of the full Board. They are selected based on their active involvement and engagement in the work of the Association, including any committee work, to capitalise on their knowledge and ensure the continuity of leadership in certain areas.
4. Out of this group of 25 directors, five officers collectively form the Executive Committee. These are the President, 1<sup>st</sup> Vice President, 2<sup>nd</sup> Vice President, Treasurer and the Immediate Past President. Officers are directors of the Board and represent Regular Members.



# IPLOCA Board of Directors

## 2020-2021

### OFFICERS



**Leon Richards**  
McConnell Dowell Corporation Ltd  
President  
Director, East & Far East



**Gonzalo Montenegro**  
SEPCON  
1<sup>st</sup> Vice President  
Director, Latin America



**Stefano Protopogene**  
Bonatti S.p.A.  
2<sup>nd</sup> Vice President  
Director, Europe Mediterranean



**Adam Wynne Hughes**  
Pipeline Induction Heat  
Treasurer  
Director, Europe Northwest



**Iosif Panchak**  
J.S. Welding & Building Company  
Immediate Past President

### DIRECTORS



**Doug Bailey**  
Caterpillar  
Director,  
Associate Members



**Adel Botros**  
Al-Qahtani Pipe Coating Ind.  
Director,  
Middle East & Africa



**Vladilen Ermolin**  
PTPS JSC  
Director,  
Europe Eastern



**Levent Kafkasli**  
Tekfen Construction &  
Installation Co, Inc.  
Director, Europe Eastern



**Wilko Koop**  
A.Hak Construction B.V.  
Director, Europe  
Northwest



**Ebbo Laenge**  
Conduto  
Director,  
Latin America



**Robert Linder**  
Liebherr-Werk Telfs GmbH  
Director,  
Associate Members



**Abdullah-Al-Mahmud**  
PEAL  
Director,  
East & Far East



**Bruno Pomaré**  
Spiecapag  
Director, Europe Mediterranean  
HSE & CSR Committee Chair



**Bobby Poteete**  
Precision Pipeline, LLC  
Director,  
America North



**John Tikkanen**  
Seal for Life Industries  
Director,  
Associate Members



**Gerben Wansink\***  
Maats Pipeline Professionals  
Director, Europe Central  
Innovation Committee Chair



**Tim Zboya**  
Bechtel Oil, Gas & Chemicals, Inc.  
Director,  
America North

\* appointed by the Board of Directors

### DIRECTORS-AT-LARGE



**Leonardo Gravina**  
SICIM S.p.A.



**Kelly Osborn**  
U.S. Pipeline, Inc.  
Scholarship Committee  
Project Lead



**Bill Solomon**  
Vacuworx  
Membership Committee Chair



**Roger Spee**  
CRC-Evans Pipeline International  
Convention Location &  
Communication Project Lead



**Johan Van Wassenhove**  
Denys



**EXECUTIVE SECRETARY**  
Juan Arzuaga



The deadline for applications to IPLOCA's 6<sup>th</sup> Scholarship Programme was extended to early April and, as a result, attracted 105 completed applications from 22 different countries, of which 38 % were from the America North Geographic Region.

The programme was developed as a benefit of membership, to assist children and grandchildren of employees of IPLOCA member companies worldwide,

who plan to continue their education in college, university or vocational school programmes. We encourage students from all disciplines across the globe to participate in this initiative. For more information on the programme, visit [www.iploca.com/scholarship](http://www.iploca.com/scholarship).

In order to preserve the international nature of the programme, Scholarship Management Services, a division of Scholarship America, who administers the programme on behalf of IPLOCA, ranks the applicants and then, as far as possible, two highest ranking applicants are selected from Regular Members in each IPLOCA Geographic Region and four chosen from Associate Members. The 2021 scholarship recipients will be published in the September edition of this Newsletter.



In 2019 the programme was opened up to company sponsors and for 2021 we would like to thank Vacuworx for their loyal sponsorship.

Should your company be interested in sponsoring a scholarship in the future, please contact Kelly Osborn, [kosborn@uspipeline.com](mailto:kosborn@uspipeline.com).

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Editorial opportunities are available for IPLOCA Members. Contact: [jacqueline.tempel@iploca.com](mailto:jacqueline.tempel@iploca.com).

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