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# THE IPLOCA NEWSLETTER

SEPTEMBER 2021



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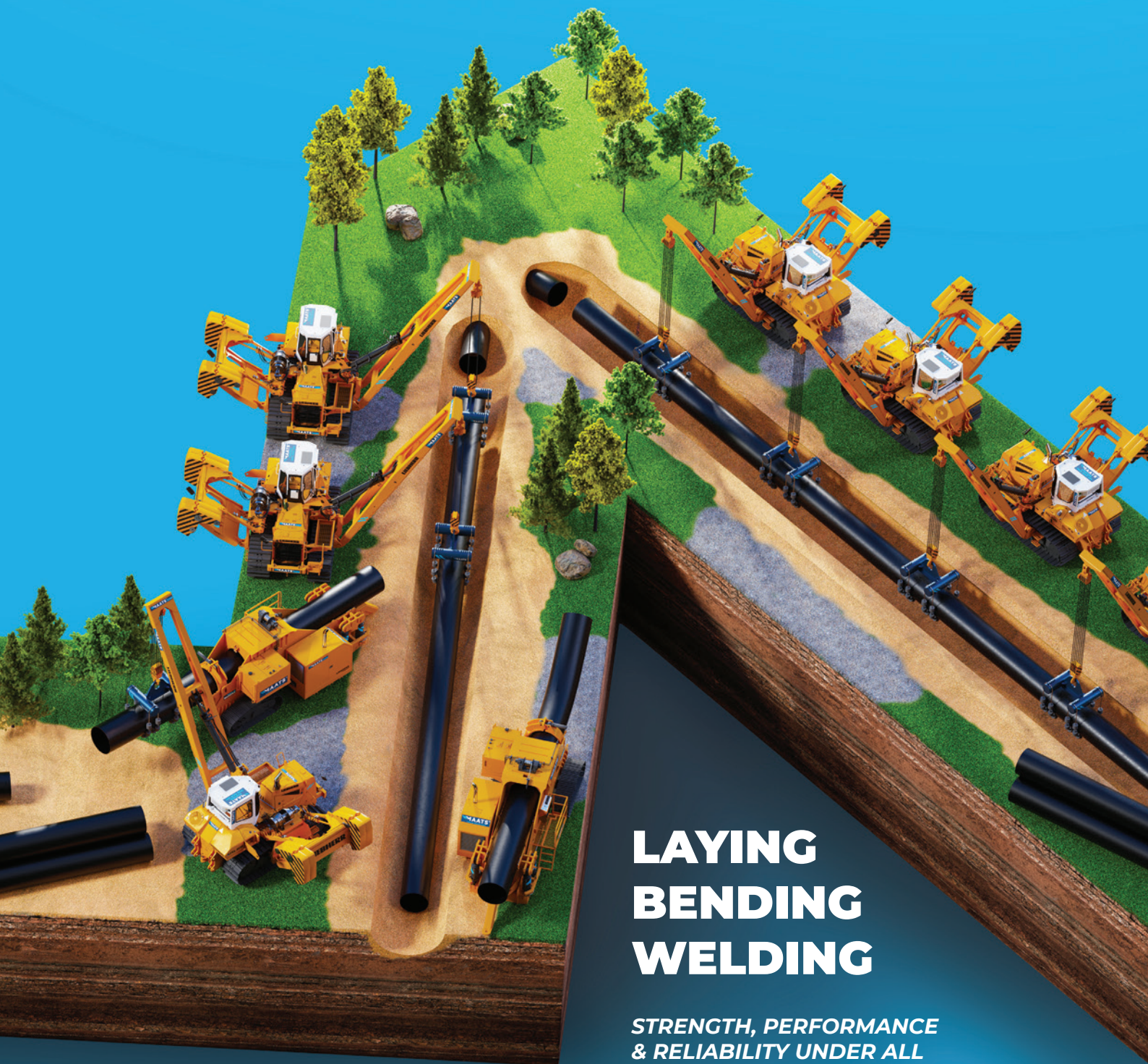
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## IPLOCA Mission

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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## Letter from the President

**This has certainly been a very special year as the Board of Directors and the Secretariat plotted our way through these testing times for our Association.**

We have all had to demonstrate flexibility, patience and adaptability. I feel like I have frequently used the phrase “normally we would be doing such and such a thing...but with the current sanitary situation we have had to make certain changes...”

I would like to first of all thank my fellow board members, the Secretariat, our members and friends of IPLOCA for their patience, tolerance and feedback during the past months as the world continues to battle with the pandemic, greatly affecting the way we do business and go about our lives in general.

IPLOCA once again postponed all planned face-to-face events, to keep its members and the Secretariat safe. The actual work of our association, however, carried on: all meetings of the Board of Directors and the Executive Committee were held online. Complimentary webinars have continued to be organised, giving members the opportunity to share information (see page 5 of this newsletter). I would like to reiterate my personal thanks to all members of the Board, our Executive Secretary and the IPLOCA Secretariat for their dedicated work during the period of my presidency. The hotel and ground agent contracts for the Annual Convention due to take place in Prague were postponed for a further year with few financial repercussions, and significant effort was put into moving to a more modern website.

You will note that the Board of Directors plans to organise an Annual General Meeting (AGM) on 28 October, in Athens, Greece following the HSE & CSR Workshop on 26 October and the Novel Construction Fall Session from 27 to 28 October. We encourage as many members as possible to attend this important series of events – for further information please refer to page 15.

Once again, to comply with safety measures, arrangements are being made for the 2021-2022 Board of Directors’ selection process to take place remotely. The newly elected Board will be ratified during the AGM, among other transactions to be advised in due time.

The winners of the IPLOCA Awards for Health & Safety sponsored by TC Energy, for Corporate Social Responsibility sponsored by Total and for New Technologies sponsored by BP will be announced during the HSE & CSR Workshop and the Novel Construction Fall Session, while respective trophies will be handed over at our 2022 Convention in Prague, Czech Republic. Details on the high quality submissions received for these awards are provided on page 13. We are also pleased to list, within these pages, the recipients of the 2021 IPLOCA scholarships – see page 17 to view their details.

Our 2020 HSE Statistics Report is attached to this newsletter; we encourage you to read this annual report and motivate your company to take appropriate action to stimulate positive changes for the future, to ensure ongoing improvement in our industry HSE performance.

**Leon Richards**

IPLOCA President 2020-2021

# News from Geneva

## IPLOCA Executive Secretary Visits Streicher in Germany

Following an invitation from the company, IPLOCA Executive Secretary, Juan Arzuaga, recently visited Max Streicher GmbH & Co. KG aA to discuss the current status of the industry in the region and the latest developments made by Streicher.

He was shown the new side-booms produced by improving used machines, on which the engine and all elements and commands have been modernised to enhance operation and safety. These include the electric HDD rig, which combines proven technology with the



highest level of sustainability, efficiency and an intuitive, modern operating concept; and the fully electric pay welders recently built by Streicher.

## Spotlight on IPLOCA Webinars

Since the last edition of the Newsletter three more webinars have been offered to members.

### The IPLOCA Members Technology Platform – Tech Expert Portal

During this webinar, held on 10 June, **Erik Nijveld**, Managing Partner at Deployment Matters, presented the IPLOCA Members Technology Platform that was launched at the end of last year as a partnership between IPLOCA and TechnologyCatalogue.com.

More than 35 technology descriptions have been listed and this number is constantly increasing with more and more members finding their way to the platform. Members can upload their technologies for free, and increase their visibility to potential clients. During the webinar, Erik highlighted a functionality that will soon become available to tech experts that will showcase their expertise within the IPLOCA community.

The involvement of independent tech experts is essential to supporting companies in the selection process of relevant technologies, and providing companies with all the practical aspects of sustainably embedding the technology into their business. The moment a tech expert registers, their profile will be visible on the IPLOCA platform and the global platform TechnologyCatalogue.com.

### Nitrogen Emissions in the Flanders Region

Invited by Regular Member Denys on 17 June, **Gert Pauwels**, Account Manager milieubeleid and Jan Parys,

CEO of Antea Belgium NV, presented the challenges and solutions found when working in the pipeline industry and complying with the restrictions on nitrogen emissions in Belgium. Nitrogen dioxide has a negative impact on human health as it damages the respiratory tract. It also harms the environment by contributing to the formation of ozone, secondary particles and acidification.

Improving air quality is one of the Belgium government's on-going main objectives. The good news is that the air is becoming cleaner now that NO<sub>2</sub> is permanently monitored at various sites throughout Belgium. Since 2000, particulate matter emissions have fallen by more than 25% and nitrogen emissions have halved. Belgium was one of the first countries to be ready to start monitoring nitrogen emissions from ships in the North Sea according to restrictions applied as of 1 January 2021.

### Transportation of Hydrogen in Gas Pipeline Projects in Europe

This presentation was given on 24 June by **Dr. York Schorling**, Manager Oil & Gas, EPC Projects at ILF Consulting Engineers. The ongoing European developments related to the generation of hydrogen by wind power and solar energy, as well as its transportation when mixed with natural gas, is having a major impact on existing pipelines. ILF Consulting Engineers has been commissioned to do an assessment to evaluate to what degree such modifications are needed when transporting hydrogen mixed with natural gas into the existing pipeline grid. A study was therefore carried out on the transportation of different

densities of hydrogen with natural gas and the impact it has on the existing permit documentation. The study also included the impact related to the overall pipeline network when taking the existing pipeline infrastructure interconnections into consideration, and a review of the current technical project documentation concerning the suitability of a percentage of hydrogen mixed into the gas that is currently being transported. Lastly, an assessment of the impact of costs and time on the project was also made.

In a second phase, the concept that natural gas should be 100% exchanged for hydrogen is being considered. For this approach, a specific "Basis of Design" has now been developed for pure hydrogen, which covers all aspects of the design of a gas pipeline, i.e., flow scenarios, venting and first fill considerations, materials used, station design, hazardous areas and much more. As a result, a "Gap Analysis" between this new "Basis of Design" for a hydrogen pipeline, and the documentation for an existing project was carried out, and the resulting conclusions were drawn. The study defines which technical modifications will have to be made in the

future, and whether an existing pipeline, originally designed for natural gas, has to be changed into a 100% H<sub>2</sub> compatible pipeline.

All presentations and webinar recordings can be found on our website: [www.iploca.com/events/webinars](http://www.iploca.com/events/webinars).

**As of September, IPLOCA will once again offer inspirational webinars and will start with:**

### **A. Hak International enters the Guinness Book of Records**

In March 2021 A.Hak International 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. The project was completed on 10 July 2020. **Wilko Koop**, Director at A.Hak, will present this world record breaking project on 30 September 2021 at 15:00 CEST via Zoom. Participation is free and no registration is needed.

## **Board Meeting Update**

### **3 and 4 June 2021 via video conference**

**The following summarises the main discussions and outcomes of the June Board Meeting which was held via video conference.**

#### **Opening Remarks**

Some of the directors stated that there were still travel bans in place in their country of residence whilst others have been able to travel easily for business reasons. Juan Arzuaga announced that the Secretariat had returned to working in the office as of the first week in June.

#### **Safety Moment**

Juan Arzuaga thanked Bruno Pomaré for always presenting a safety moment at each of the board meetings. Bruno presented a video of a small construction site in Paris with employees working at height without safety harnesses. He mentioned that it is more difficult to apply safety rules to small construction sites. The second video that was viewed had been presented on the 8 o'clock French news earlier this year, showing a man, working on the renovation of a castle, being lifted to 20 metres above ground by a crane and working without a harness.

The third video was of a man installing air conditioning whilst working on a mezzanine; he is seen putting his weight on a plank which breaks and he falls along with the air conditioning unit. 'Life saving' rules require that employees work with the correct equipment such as wearing a hard hat and a harness to prevent falling.

Adam Wynne Hughes mentioned the importance of having staff trained in first aid and how to give assistance in case of a heart attack. Adam witnessed a situation where a member of staff collapsed from a heart attack and colleagues performed CPR (Cardiopulmonary Resuscitation) for 20 minutes until the ambulance arrived. This saved the man's life.

#### **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 and workshop will be held on 25 and 26 October in conjunction with the Fall Novel Session in Athens, Greece. At the time of the board meeting, only 63% of the HSE statistics forms had been received from IPLOCA Regular Members. It is not mandatory for Associate Members to provide their statistics although they are encouraged to do so. Juan Arzuaga individually

contacted each of the 31 members who had not submitted their statistics. Reminders had been posted on social media, in the newsletter and in mass emails.

It was noted that the HSE Shared Experiences Platform had not received any new entries for some time. It could be a good sign that there have not been any incidents. Bruno Pomaré, however, also mentioned that it is possible to send in best practices to share with the membership. Board Directors were reminded to upload their company's HSE shared experiences to the platform as soon as possible.

The HSE Statistics KPIs (Key Performance Indicators) were compiled in 2015 and are currently being updated. The revised KPIs will be valid until 2025. Input from Terrie Steeves of TC Energy was very useful in this regard. Terrie Steeves will replace Robert Jones (who is retiring) on the HSE Committee. TC Energy is the new sponsor of the Health & Safety Award.

## 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 next Novel Construction Session is due to take place on Wednesday 27 and Thursday 28 October 2021 at the Crowne Plaza, Athens, Greece.

The Road to Success has been updated with some new chapters and certain edits have been made to various chapters already published on the app. It will be easier for everyone to work together on improvements once they are able to meet again in person.

The IPLOCA Members Technology Platform encourages members to share information and promote their technologies and capabilities. This is a benefit of membership and is provided to members at no cost. This platform is a more modern way of connecting innovative technologies with potential clients. There are some surprising and interesting technologies to be found on it. TechnologyCatalogue.com gave a webinar on Thursday 10 June to present some improvements that have been made to the platform and to inform members of any additional services available. Juan Arzuaga pointed out that all technologies can be entered onto the platform as it is not only for new or original ideas. The objective is to show all of a company's capabilities to potential clients. The app can be used to find services or equipment as easily as booking a restaurant via an app on a mobile phone.

At the time of the Board Meeting, the IPLOCA New Technologies Award had received two entries. The deadline

for submissions was set at 9 July 2021. This award is given every other year to either a Regular or an Associate Member and is in recognition of a significant contribution to innovation in the pipeline construction industry. The award winners will be presented during the Novel Construction Session, as was done in 2020, and the trophies will be kept in the IPLOCA office until the 2022 Annual Convention.

## Membership Committee

Bill Solomon, Membership Chairman, supported by Vladilen Ermolin, Abdullah Al-Mahmud, John Tikkanen and Johan Van Wassenhove in leadership roles, presented the committee report. Bill Solomon thanked all the directors who had reached out to potential new members. IPLOCA had got off to a good start with seven new members since the beginning of the year. It was suggested that the directors reach out to new members to identify what their main motivation was in joining IPLOCA. This will in turn help the Board Directors to have a better understanding when contacting future member companies.

The following recommendations were put forward by the Membership Committee:

- Invite Corresponding Members to speak at IPLOCA events.
- Schedule Regional Meetings via Zoom to engage existing members and encourage them to get involved in HSE, best practices and Novel.
- Invite potential new members to the Regional Meetings and have regular contact at least once a month.

Juan Arzuaga suggested that Corresponding Members be invited to give a presentation during one of the IPLOCA webinars, and confirmed that potential members are invited. It would be ideal for the Corresponding Members to present ongoing projects, which could be preceded by a brief presentation to introduce IPLOCA. The Zoom meeting could be 1 to 1.5 hours long. Leon Richards reminded the group that hydrogen emissions is of interest to Corresponding Members. They are looking to the future, so anything to do with hydrogen, nitrogen and CO<sub>2</sub> emissions is of interest.

Leon Richards will organise a hydrogen emissions focus group as a sub-committee of the Innovations Committee. This group will also look at carbon capture and future energies. Andy Ball stated his interest in participating in this working group and Adam Wynne Hughes volunteered to join. Leon Richards will prepare a 'terms of reference' for this group. Board Directors were invited to inform Leon Richards should they know of a person in their company who could contribute to this focus group. The Board was reminded that the theme for the Prague Annual Convention is 'Pipelines Powering a Sustainable Future'.



## Scholarship Committee

Kelly Osborn, Scholarship Project Lead, presented the Scholarship Project update. The final number of scholarship applications received was 102, from 18 different countries, of which 86 were from Regular Members and 16 from Associate Members. 41% of the total were from the America North Region and 19% from Europe Mediterranean, with no applicants from Europe Central. Twenty-one scholarships were awarded this year. As there were no applications from the Europe Central Region, the awards were given to the next best scoring scholarship applications. Since its inception, the IPLOCA scholarship programme has received 781 applicants and has awarded 127 scholarships (120 IPLOCA / 7 company sponsored) for a total of USD 571,500. Kelly thanked Bill Solomon of Vacuworx for funding a scholarship in 2021. IPLOCA has committed to fund the programme until 2023 and the issue of continued funding is still pending. Board Directors were asked to provide ideas for funding possibilities.

## Convention & Board Location

Roger Spee, Convention & Board Location Project Lead, presented his update. Roger reminded the board of the vision statement for the Convention & Board Location Project decided in 2019: "Our vision is to develop a roadmap of potential annual convention locations so that we as a Board can select the optimal destinations for our Regular and Associate Members. Our ultimate goal is to create a plan outlining ideal locations for the next five years (rolling). We will also discuss holding board meetings in potential convention venues, and making plans to either stay at or visit possible host properties."

The current Annual Convention schedule is as follows:  
2022 Convention – Prague; 2023 Convention – Vancouver;  
2024 Convention - Madrid or Malta; 2025 Convention - Melbourne or Hong Kong?

## Treasurer's Report

Adam Wynne Hughes mentioned that it had been agreed during the April Board Meeting that a detailed Treasurer's Report was not required for the June Board Meeting. Approximately 80% of membership fees had been received. Following the request from the Treasurer, the Board voted to reappoint the auditors for 2022. The IPLOCA 2020 accounts, which are in accordance with article 699 of the Swiss Code of Obligations, had been audited and approved. The audited accounts will be presented during the AGM planned to be held on 28 October.

## Membership

As of June 2021, there were a total of 231 members, as follows: 84 Regular Members, 110 Associate Members,

28 Corresponding Members, 3 Academic Members and 6 Honorary Members.

It was noted that Shawcor, U.S.A will only keep its Regular Membership as they have sold the part of the company that was covered by the Associate Membership. Discussions are taking place with two other companies from America North which have sent in their resignations. The Board Directors were asked to review the list of companies that have expressed an interest in joining the Association and to let the Secretariat know if they have a contact person in any of these companies.

## Annual Convention

The hotel and ground agent have confirmed the rescheduled dates from 19 to 23 September 2022 in Prague. There is a small adjustment to ground services with an extra 1.5% charged, otherwise all expenses remain the same. All the speakers that were confirmed to present in 2021 have agreed to have their presentations listed for selection in 2022. The final list will be decided next year once a clearer vision of the subjects that should be presented has been decided.

## Annual General Meeting

The AGM will be held in Athens, Greece on Thursday 28 October, following the Novel Construction Session. The award winners for 2021 will be presented along with the Treasurer's Report. The board nomination process will be held in conjunction with the AGM.

## Regional Meetings

The schedule of Regional Meetings was discussed but their organisation is still uncertain due to sanitary conditions. Bruno Pomaré is considering organising a meeting in Bordeaux, France for the Europe Mediterranean Region, held as a hybrid event (in person and virtual), which can be adapted according to the sanitary situation. Latin America has been hard hit by COVID-19 and the sanitary and economic situation needs to improve before a regional meeting can be held there. Regarding the East & Far East Region, Leon Richards would like to organise a joint health & safety event with APGA. The event due to take place in May was subsequently cancelled. It is possible that APGA will reschedule it for November 2021. A possible meeting to be held in Central Europe may be organised in 2022.

Kelly Osborn pointed out that he would still like to organise the joint health and safety event with PLCA in the autumn of 2021 in Houston, Texas, U.S.A. This would be an ideal moment to introduce additional Corresponding Members to IPLOCA.



# Member News

## Boskalis' Contribution to Cleaner and More Reliable Energy for El Salvador



Early 2020, Energia del Pacifico/Invenergy LLC awarded Boskalis an EPCI contract to connect an offshore Floating Storage and Regasification Unit (FSRU) to an onshore 378-MW power plant in El Salvador, which will produce over 30% of El Salvador's energy demand. The LNG to Power Project for Boskalis includes the construction of a two-kilometer-long 24" gas pipeline including a 600m trenchless shore crossing by means of a micro tunnel from the power plant into the sea followed by the dredging of an offshore pipeline trench. The pipeline was pulled through the micro tunnel and trench by the construction support vessel BOKA Falcon (utilising, among others, its DP system). The BOKA Falcon consecutively also installed the Pipeline End Termination, anchor mooring system for the FSRU, the flexible riser and spool piece. The construction phase was completed after successfully pre-commissioning the pipeline system. The final phase of the project is planned for later this year when the company will assist with the mooring and hook up the FSRU that will receive the LNG for the power plant.

## CHETRA Launches New Products in 2021

CHETRA is launching several new products in 2021. One of them is the CHETRA T11 bulldozer with a blade which has adjustable angles of rotation and skew VPAT-Variable Power Angle Tilt (6-way). Such a blade is designed to increase the technological efficiency of work in the road construction industry. The rotary blade allows a wide range of planning work to be performed, from leveling the soil to backfilling. The bulldozer becomes almost a fully-fledged replacement for the motor grader. There are two variants of the blade: straight rotary

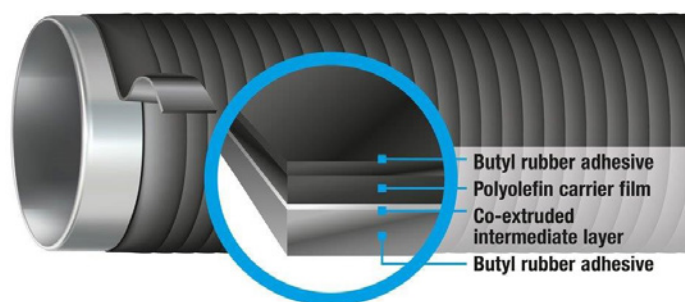
and straight rotary folding. Another new product is a remote-controlled bulldozer. The system is installed on a serial bulldozer CHETRA T15 and can be used for work on disassembling the blockages, fixing fallen bridge structures, and in places with mudflow activity. It will be particularly effective at sites where military operations have ended, but there are still mined areas. Also this year, the updated CHETRA TK25 wheeled bulldozer with drive axles with lockable differentials is undergoing factory tests. The braking system was also upgraded to improve braking efficiency, taking into account the introduction of lockable differentials. The updated wheeled bulldozer provides hydraulic control of attachments, which ensures high accuracy of work and low operator fatigue. In the basic configuration of the bulldozer there is the GLONASS satellite monitoring system, which allows the condition of the machine to be tracked online.



## Innovative High-Temperature Product from DENSO

In the past, the composition of cold-processed corrosion protection tapes meant that they were of limited use at extremely high temperatures. With its new product DENSOLEN®-AS40 HT, DENSO Group Germany is setting a new global standard. Used in combination with a new primer, the cold-processed, butyl rubber-based corrosion protection tape DENSOLEN®-AS40 HT achieves excellent performances. Even at extremely high operating temperatures of up to +100°C (+212°F), the product guarantees reliable protection against corrosive media and mechanical loads after just one wrapping process. The product satisfies the requirements of the ISO 21809-3, type 12A-3 standard after just one wrapping process; a second wrap meets the class C80 requirements of EN 12068 and DIN 30672. DENSOLEN®-AS40 HT boasts an exceptionally high resistance to mechanical loads and is easy to apply thanks to its highly tear-resistant and

adaptable carrier film. DENSOLEN®-AS40 HT has been developed over 5 years – a process that was not without challenges, as the product had to satisfy a number of different requirements.



DENSOLEN®-AS40 HT is applied by hand or using a DENSOMAT® wrapping device, which means that it is also suitable for large-scale use for rehabilitations or complete coatings on oil, gas and water pipelines. The product is outstanding at exceptionally high operating temperatures, such as those in power stations, refineries and pipeline stations. DENSOLEN®-AS40 HT is also ideal for applications at high ambient temperatures, in areas such as Central Asia, the Middle East and Central America.

### Goriziane's Line-up Portable Rollers and Portable Conveyors



Goriziane offers line-up portable rollers and portable conveyors which are mainly used for single and/or double-joint pipeline operations as a handling equipment with pneumatic actuator. This handling equipment is designed to protect, support, and guide a pipeline section during crossing installations (i.e., river and/ or road crossings) and reduces drag/pulling forces substantially.

Being portable they can be easily moved along the pipeline stations. Recently, Goriziane has completed and delivered its handling equipment which will be utilised on a pipeline project in the Middle East.

### ILF Input on the SPM Bangladesh Project Milestone

The Single Point Mooring (SPM) with Double Pipeline Project is going to close its third construction season. This project is the first application of an SPM system applied in Bangladesh for unloading and transporting imported crude oils and HSD. The system is formed by two 36" unloading lines, a 240,000 m3 tank farm, a pump station, and two 18" transfer lines partly onshore (30 km) and partly offshore (62 km) to deliver the commodities to the ERL refinery. To avoid any contamination, the lines are parallel and designated to each fluid. The SPM is designed for mooring and unloading tankers up to 120,000 DWT.



Notwithstanding the weather conditions, the environmental constraints for onshore works, and the outbreak of the COVID-19 pandemic, which affected activities worldwide, all subsea lines have been installed, the onshore pipelines are almost completed, and the main storage tanks are erected. ILF is involved in the project since the selection of options, the feasibility study, the preparation of the basic design, EPC contract evaluation, and is now responsible for management consultancy, review of the detailed design, and site work supervision. It is important to note that all technologies for the storage, pumping, transport of crude oils and oil products, onshore and offshore, are applied all together in this project.

### SiteTec HDD Equipment Enters Collaborative Partnership with LaValley Industries

SiteTec is always looking for tools and equipment that make any horizontal directional drilling (HDD) job safer, easier and faster and LaValley Industries creates solutions offering just that. As an industry recognised product in North America, the DECKHAND® and TONGHAND® have become jobsite staples for providing safety in addition to increased production returns for contractors. SiteTec will represent LaValley Industries in the HDD field in Europe. Corné Willemsen, Founder and Managing Director of SiteTec, explained that being on jobsites for





30 years, the company knows the importance of safety. It drives how it builds its own units, and is a prime consideration in determining the products it supports in the field. As a SiteTec representative in North America, LaValley Industries will offer a range of SiteTec products to customers invested in promoting an environmentally friendly approach to HDD. This includes SiteTec's complete range of electrified mixing, recycling, storage and pumping units. Jason LaValley, CEO and President of LaValley Industries said that their core values of promoting safety while increasing jobsite production is the driving force behind their products. They see these same core values in SiteTec as their commitment to safety, customer service, and providing environmentally friendly products speaks to the overall philosophy of their company.

### **M. Al -Barghash Trading & Contracting Company (MBTC) Develops a Trenchless Technology**



MBTC develops a trenchless technology for constructive and efficient cost savings of oil and gas pipeline rehabilitation. The process involves lining an existing or new pipeline using an HDPE pipe liner to extend the life of the pipeline. MBTC provides the design and simulation of the reduction process that determines the correct

reduction factor, calculates the stress effect and other applied forces to secure a tight fit bond. A D-log system is a load measuring device that monitors and delivers data on the pulling force, and records it for further reference. With this new development, errors are eliminated, by providing accurate measurement, allowing the activity to be monitored successfully.

### **PLM Features Cat® PL Series Pipelayers - Groundbreaking Emissions Technology and Improvements**

Cat PL Series Pipelayers feature groundbreaking emissions technology that meets the U.S. Tier 4 Final / EU Stage V emissions reduction and CE requirements, without sacrificing engine performance. Comparing Tier 1 to Tier 4 Final engines, there has been a 96% drop in both NOx (oxides in nitrogen) and PM (particulate matter). After-treatment has reduced HC (hydrocarbons) and CO (carbon monoxide) emissions to virtually nothing. PLM is also pleased to introduce some improvements made to the Cat® PL72, PL83, and PL87 pipelayers based on customer feedback. The changes include a load line block holder to improve rope life, boom lifting eyes that improve maneuverability and safety during boom installation and removal, and a counterweight rod holder that provides storage during transport. These updates will enhance overall performance, maintenance, safety, and comfort of the pipelayer line-up. The improvements will now be part of changes made to the machine from the factory or can be added to existing machines.

### **Seal for Life Industries Participation in HDD Project in India**

Seal for Life Industries' Powercrete QC, R&D and Technical service teams in India recently completed a HDD project with new reinforced Powercrete DD technology for Mahangar Gas Ltd (MGL) on 850m of 8" pipe. This project executed by Bluegrass Technologies & Mahanagar Gas Limited overcame difficult challenges to install a new supply of compressed natural gas to the city of Mumbai, in particular, this facility will provide gas to the new Mumbai international airport. The project required the installation of a 8" diameter pipe under the Belapur Creek at 29m deep. The biggest challenge of this project was the time constraint. The contractor had only one opportunity to complete the project with no deviation. The initial hydrological information detected an aggressive soil and giant granite boulders. In order to offer an impenetrable mechanical protection, the project selected Powercrete DD as mechanical protection coating. Powercrete in India completed this perfect







## 2021 IPLOCA Awards

The IPLOCA awards for Health & Safety, Corporate Social Responsibility and New Technologies will be announced in Athens during the HSE & CSR Workshop and the Novel Construction Fall Session in October.

These awards are intended to recognise those leading companies that are always in search of excellence, while being a source for sharing new ideas. We thank all members who provided submissions.

The winners and runners-up entries will be posted on our website at the end of October and the trophies for the winners will be handed over during the Annual Convention in Prague postponed to 19 to 23 September 2022.

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

The 2021 IPLOCA Health & Safety Award, sponsored by TC Energy, recognises initiatives aimed at improving health and safety in the pipeline industry.

Entries received:

- **Bonatti S.p.A.**  
Tansi – Leading the Safety Revolution
- **Consolidated Contractors Company (CCC)**  
Safety Observation Card Smartphone Application
- **Ledcor Pipeline Limited**  
Supervisor Onboarding & Competency Assessment Programme
- **Max Streicher GmbH & Co. KG aA**  
Fully Electrical Horizontal Drilling Rig

- **SICIM S.p.A.**  
Safe Choker Belt
- **Tekfen Construction and Installation Co. Inc.**  
Risk Free Equipment Operation Experience

### **2021 IPLOCA Corporate Social Responsibility Award** sponsored by Total

The 2021 IPLOCA Corporate Responsibility Award, sponsored by Total, recognises initiatives aimed at improving the living conditions of the people in communities local to and impacted by pipeline industry work.

Entries received:

- **Bonatti S.p.A.**  
Innovated Erosion & Sediment Control Planning in Pipeline Execution
- **C.A.T. Group**  
Beirut: Restoration and Development
- **McConnell Dowell**  
McConnell Dowell Reconciliation Action Plan
- **Precision Pipeline, LLC**  
Human Trafficking Awareness Programme

### **2021 IPLOCA New Technologies Award** sponsored by BP

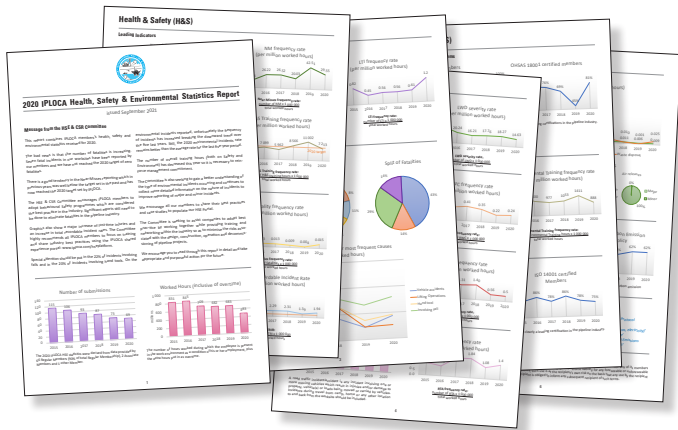
The 2021 IPLOCA New Technologies Award, sponsored by BP, is presented in recognition of a significant contribution to innovation in the engineering of, the provision of equipment for, and the construction of pipelines.

Entries received:

- **Caterpillar Inc.**  
Caterpillar's Swing Assist for Excavators
- **Kalpataru Power Transmission Limited (KPTL)**  
Innovative Solution for Integrated Centralised Project Management
- **Max Streicher GmbH & Co. KG aA**  
HDD80-E Fully Electrical Horizontal Drilling Rig
- **SICIM S.p.A.**  
Airborne and Self-Assembly Excavator
- **Spiecapag**  
Pipeline Software
- **The Lincoln Electric Company**  
Pipeliner LH-D Electrodes
- **Vacuworx**  
Vacuworx RC Series Innovation



# Health, Safety, the Environment & CSR



## 2020 IPLOCA HSE Statistics Report

**The bad news is that the number of fatalities is increasing. Seven fatal incidents on our worksites have been reported by IPLOCA members and we have not reached the 2020 IPLOCA target of zero fatalities.**

There is a positive shift in the near-misses reporting and we are pleased to announce that the target set for 2020 has been achieved. The HSE & CSR Committee advises IPLOCA members to adopt behavioural safety programmes which are considered the best practice in the industry. Significant efforts still need to be made to eliminate fatalities in the pipeline industry. Graphics also show a major increase of lost-time injuries and an increase in total recordable incident rates. The Committee highly recommends all IPLOCA members to focus on training and share industry best practices using the IPLOCA HSE Shared Experiences Platform: [www.iploca.com/hseplatform](http://www.iploca.com/hseplatform).

Special attention should be given to the 22% of incidents involving falls and the 20% of incidents involving hand tools. Regarding the environmental incidents reported, unfortunately the frequency has increased, breaking

## New Key Performance Indicators (KPIs) for 2021-2015

As you may recall in our March 2016 edition of the Newsletter we defined KPIs for the 2016-2020 period.

In the 2020 IPLOCA HSE Statistics Report, you can see the results achieved by all our members with regards to these objectives. The HSE & CSR Committee is now defining new KPIs for the 2021-2025 period as follows:

### Leading Indicators:

- Targets for 'Near Misses': Reported: 30,000  
Frequency rate per million man-hours: 100
- H&S Training rate: Training hours per million man-hours: 25,000

### Lagging Indicators:

- Fatalities: zero (unchanged)
- Frequency rate of recordable incidents per million man-hours: 0,9
- A new rate for road traffic accidents will soon be defined

The HSE & CSR Committee encourages all members of IPLOCA to follow these targets to continue improving the standards of our industry and saving lives.

the downward trend over the five last years. The 2020 environmental incidents rate, however, remains better than the average rate for the last five-year period. The number of overall training hours (both on safety and the environment) has decreased this year, so it is



necessary to reinforce management commitment. The Committee strives to gain a better understanding of the type of environmental incidents occurring and continues to collect more detailed information on their nature, and improve reporting of major and minor incidents. The Committee also endeavours to assist companies to adopt best practices by working together,

while providing training and networking within the industry, so as to minimise the risks associated with the design, construction, operation and decommissioning of pipeline projects.

We urge you to read the enclosed report in detail and take appropriate and purposeful action for the future.

## **HSE & CSR Workshop**

### **Next Generation Safety, Hazard Identification and Fatigue Management**

**Tuesday, 26 October 2021**

**Crowne Plaza Athens City Centre, Greece**

Following an introductory session on the current initiatives of the HSE & CSR Committee, the morning agenda will include presentations by industry specialists on the topics of next generation safety measurement, identification of hazards and fatigue management. The laureates of the 2021 awards will also be announced and will briefly present their winning entries. In the afternoon, participants will be divided into small working groups to discuss a topic related to next generation safety measurement and then, to finish, each group will present its findings. This workshop is intended for CEOs, Managing Directors, Executives and HSE Managers. Although attendance is free of charge, registration is required by Friday, 17 September. For further details and to complete the registration form, visit [www.iploca.com/event/2021-hse-csr-workshop/](http://www.iploca.com/event/2021-hse-csr-workshop/)

The workshop will be followed by the Novel Construction Fall Session on Wednesday and Thursday 27 & 28

October. Special room rates have been negotiated with the Crowne Plaza Athens City Centre hotel for the three days of events and we encourage you to reserve your room before the deadline of Friday, 17 September, using the reservation link posted on the IPLOCA website.

## **HSE Shared Experiences Platform**

**The shared experiences platform on the IPLOCA website awaits new and pertinent contributions from our member companies.**

Take a look at [www.iploca.com/hseplatform](http://www.iploca.com/hseplatform) to view all the documents, divided by category, and to upload your company's experiences. Remember that as a collaborative tool, your contribution is essential.

We encourage more companies to take advantage of this initiative and to share their experiences as lessons learned or safety alerts, as well as including best practice environmental incidents. By sharing you are helping others to prevent incidents. Together we can reach the targets set.

# **Innovation**

## **Novel Construction Fall Session**

**The Novel Construction Fall Session will be held from 27 to 28 October 2021 in Athens, Greece.**

The detailed agenda will be announced mid-September and will be available on our website: [www.iploca.com/event/iploca-novel-construction-session](http://www.iploca.com/event/iploca-novel-construction-session) where you can find further information including the hotel and meeting reservation form. The programme will include an open forum on Wednesday morning for member and non-member companies to present their latest developments within the industry, group work to further develop the



content of the “Road to Success” mobile application, and group presentations on Thursday morning. Please note that this meeting takes place immediately after the HSE & CSR Workshop. Attendance at both events is free of charge; however registration is required before the deadline of Friday, 17 September.

If you would like to suggest a presentation for Wednesday morning, please submit the title and a brief outline to [gregoire.demontmollin@iploca.com](mailto:gregoire.demontmollin@iploca.com) as soon as possible as there are still some availabilities.

We have already received confirmations from speakers on the following presentations:

- **Unlocking Value in Pipeline Data – Pipeline Digital Twins**, James Wardrop, PipelineSentry

- **Use of Geospatial Data for Safer Pipeline Installation and Operations**, Denis Pascal, TotalEnergies & Guillaume Mouscadet, Kayrros
- **Euro Airship, a Sustainable Solution for the Oil and Gas Industry**, Marie Christine Bilbow, Euro Airship

Should you wish to participate in a working group, please contact the appropriate group leader.

A new hydrogen emissions focus group was recently suggested by Leon Richards and endorsed by the Board of Directors at their June meeting. This group will also look at carbon capture and future energies, and is currently seeking member company participants. If you are interested in joining this focus group, please inform [jacqueline.tempel@iploca.com](mailto:jacqueline.tempel@iploca.com).

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>
Hydrogen Emissions	Leon Richards (Mconnell Dowell)	<a href="mailto:leon.richards@mcdgroup.com">leon.richards@mcdgroup.com</a>



During 2021, its sixth year, the IPLOCA Scholarship Programme has awarded 21 scholarships valuing a total of USD 90,000 to help the next generation pursue their chosen field of study.

Scholarships are offered each year to assist children and grandchildren of employees of IPLOCA member companies who plan to continue their education in college, university, or vocational school programmes. In addition, this year, one company-funded scholarship sponsored by Vacuworx was awarded.

Since very few applications were received by the original end of February deadline, it was extended to April, and the Board of Directors reached out to member companies. As a result, the final number of scholarship

applications reached 102, from 18 different countries, of which 42 were from America North, 20 from Europe Mediterranean, 12 each from Latin America and Middle East & Africa, and 6, 5, and 4 from Europe Eastern, Europe Northwest and East & Far East respectively. There were 86 applications from Regular Member companies and 16 from Associate Member companies. Scholarships were awarded to 17 Regular and 4 Associate Member companies. As there were no applications from the Europe Central region, the awards were given to the next best scoring scholarship applications.

Since its inception, the programme has received 781 applicants and has awarded 127 scholarships (120 IPLOCA and 7 company sponsored) for a total of USD 571,500. IPLOCA has committed to fund the programme until 2023 and alternative sources of funding are being researched.

IPLOCA is accepting donations of any amount towards the funding of this initiative. Please contact Kelly Osborn by email: [kosborn@uspipeline.com](mailto:kosborn@uspipeline.com), should you be interested in making a donation.



# 2021 IPLOCA Scholarship Recipients

Twenty one students, who are children or grandchildren of IPLOCA member companies, were selected as recipients of the 2021 IPLOCA scholarships, along with one receiving a company sponsored scholarship.

As far as possible two IPLOCA scholarships are awarded to students of Regular Members in each of the IPLOCA Geographic Regions and four awarded to students of Associate Members.

## The IPLOCA funded recipients are:



**Lina Abdul Qadir**  
University of Jordan-  
Medicine  
**Consolidated Contractors  
Company (CCC)**



**Evan Gibson**  
Oklahoma State University,  
U.S.A. - Animal Science  
Pre-vet  
**Michels Corporation**



**Ashley Rautanen**  
Michigan Technological  
University, U.S.A. -  
Environmental Engineering  
**Mears Group Inc.**



**Efe Arslanbek**  
Acibadem University, Turkey -  
Molecular Biology & Genetics  
**Tekfen Construction &  
Installation Company**



**Cambri Hajny**  
University of Oklahoma, U.S.A.  
- Human Relations /Nonprofit  
Organisational Studies  
**U.S. Pipeline, Inc.**



**Roy Saad**  
Cardiff University, U.K. -  
Mechanical Engineering  
**Consolidated Contractors  
Company (CCC)**



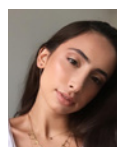
**Prestyn Bernier**  
University of Wisconsin-La  
Crosse, U.S.A.- Middle  
Childhood/Early Adolescence  
**Precision Pipeline, LLC**



**Elizabeth Kelly**  
University College Cork,  
Ireland - English  
**J. Murphy & Sons Ltd.**



**Haoyue Sun**  
Johns Hopkins University,  
U.S.A. - Math  
**CPP (China Petroleum  
Pipeline Engineering Co., Ltd.)**



**Yara Chamaa**  
American University of Beirut -  
Biology (pre-medical studies)  
**The C.A.T. Group of  
Companies**



**Burak Keskintas**  
Sabanci University, Istanbul,  
Turkey - Computer Engineering  
**Tekfen Construction &  
Installation Company**



**Juliana Van Boxel**  
Concordia University  
Wisconsin, U.S.A. -  
Biomedical Sciences  
**ITW Welding Products Group**



**Joseph Cogan**  
Durham University,  
U.K. - Classics  
**Pipeline Induction Heat**



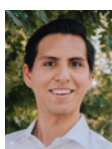
**Colleen Lemke**  
University of Wisconsin-  
Milwaukee, U.S.A. -  
Biomedical  
**ITW Welding Products Group**



**Nathan Ver Meer**  
Dordt University Iowa,  
U.S.A. - Mechanical  
Engineering  
**Vermeer Corporation**



**Natalie Connors**  
Western University,  
Ontario, Canada -  
Chemical Engineering  
**PipeSak Incorporated**



**Antonio Lopez Camacho**  
Tecnologico de Monterrey -  
ITESM, Mexico - Engineering  
in Innovation & Development  
**Arendal**



**Muqing Xue**  
Imperial College London, U.K.  
- Mathematics  
**CPP (China Petroleum  
Pipeline Engineering Co., Ltd.)**



**Victor Ghazi**  
American University of  
Beirut, Lebanon - Biology  
**The C.A.T. Group of  
Companies**



**Luis Miranda**  
Universidad de Monterrey,  
Mexico - Mechanical  
Engineering Administration  
**Arendal**



## The company sponsored scholarship recipient is:



**Rick Marcusen**  
University of Minnesota Twin  
Cities, U.S.A. - Aerospace  
Engineering and Mechanics  
**ITW Welding Products Group**





# Save the dates!

## IPLOCA 54<sup>th</sup> Annual Convention

### "Pipelines Powering a Sustainable Future"

Hilton Prague hotel, Czech Republic

19 to 23 September, 2022

See you next year!

© Prague City Tourism





## In Memory of Harry P. Fabick

Harry Fabick, who passed away peacefully on 19 June, played a vital role at the John Fabick Tractor Company.

Better known as Fabick CAT, this local heavy equipment dealership was founded by his grandfather, John Fabick, in 1917. Harry began working at Fabick CAT in 1967 (at the age of 22) and gained his initial familiarity with operations by serving successively in parts, service, and administrative positions and as a Product Support Representative. He then moved to General Lines Salesman and in 1971 was given the responsibility of Vice President, Marketing.

In 1974, Harry was named Manager of the company's Jefferson City operation: Fabick and Company. In 1979, he was promoted to Vice President, Domestic Sales and held that position until he was made Executive Vice President in 1985. He became a Director of John Fabick Tractor Company in 1985 then President of the Fabick Companies in June of 1986. In 1998, he was named Chairman of the Board.

Harry belonged to many organisations during his years with the company. He had also been active in the St. Louis community for many years and volunteered his time and energy to many initiatives and projects. After a lifetime of involvement in the family business, philanthropy, and the local community Harry will be missed by his family, friends, and colleagues alike.

## Important IPLOCA Dates

### Special General Meeting (SGM)

20 September – online

### Regular & Associate Member Meetings

21 & 22 September – online

### Annual General Meeting (AGM)

28 October – online from Athens, Greece

### 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.

### Offshore Pipeline Technology Conference (OPT)

22-24 September – 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)

### Offshore Pipeline Technology Conference (OPTC)

27-29 September – Virtual event  
[informaconnect.com/offshore-pipeline-technology](http://informaconnect.com/offshore-pipeline-technology)

20% discount for IPLOCA Members

### 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 & CSR Workshop

26 October – Athens, Greece  
[www.iploca.com](http://www.iploca.com)



### Offshore Energy Exhibition & Conference

26-27 October – Amsterdam, The Netherlands  
[www.offshore-energy.biz](http://www.offshore-energy.biz)

### IPLOCA Novel Construction Session

27-28 October – Athens, Greece  
[www.iploca.com](http://www.iploca.com)



### Rio Pipeline 2021

9-11 November – online platform  
[www.rioilgas.com.br](http://www.rioilgas.com.br)

### 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 Board of Directors

**Nominations to the IPLOCA Board of Directors take place each year, as seats become vacant.**

The vacant seats for next year's Board are listed below, along with the names of the outgoing directors and those who require a second year confirmation.

Designated member representatives (one from each member company) should attend a short, 30-minute meeting of their appropriate geographic region (Regular Members) or the Associate Member meeting, taking place via video conference as follows (all times are CEST):

### 21 September

- Europe Mediterranean 09:00
- Europe Central 10:00
- Europe Northwest 11:00
- Latin America 16:00

### 22 September

- East & Far East 08:00
- Middle East & Africa 10:00
- Europe Eastern 14:00
- Associate Members 15:00
- America North 16:00

### Vacant Seats for 2021/2022 Board

Region	Director	Status for 2021
America North	Bobby Poteete	2 <sup>nd</sup> year confirmation
	Tim Zboya	Vacant seat
East & Far East	Vacant	Vacant seat
	Abdullah Al-Mahmud	Vacant seat
Europe Central	Gerben Wansink*	Vacant seat
Europe Eastern	Vladimir Ermolin	2 <sup>nd</sup> year confirmation
	Levent Kafkasli	2 <sup>nd</sup> year confirmation
Europe Mediterranean	Bruno Pomaré	Vacant seat
	Stefano Protogene	Officer
Europe Northwest	Wilco Koop	2 <sup>nd</sup> year confirmation
	Adam Wynne Hughes	Officer
Latin America	Ebbo Laenge	Vacant seat
	Gonzalo Montenegro	Officer
Middle East & Africa	Adel Botros	Vacant seat
	Albert Zakhem (deceased)	Vacant seat
Associate Members	Doug Bailey	Vacant seat
	Robert Linder	2 <sup>nd</sup> year confirmation
	John Tikkanen	2 <sup>nd</sup> year confirmation

\* appointed by the Board of Directors

Zoom video and audio conference invitations have already been sent out for the Regular or Associate Member Meetings. Applications received from candidates for vacant seats are posted on [www.iploca.com/vacantseats](http://www.iploca.com/vacantseats).

Once elections have taken place, the slate of nominations will then be presented to the membership for ratification on the afternoon of Thursday 28 October, at the Annual General Meeting being held remotely from Athens, Greece. Appointment of directors to seats, that remain vacant after election meetings, will be made by the newly elected 2021-2022 Board at their first meeting immediately following the AGM. A full list of the duties and commitments of directors is available on our website: [www.iploca.com/board-of-directors](http://www.iploca.com/board-of-directors). Please contact [jacqueline.tempel@iploca.com](mailto:jacqueline.tempel@iploca.com) if you are interested in joining the Board.

### Special General Meeting

This year, a Special General Meeting has been called on Monday, 20 September at 14:00 CET and will be held via the Zoom video and audio conferencing application. A link to join this meeting has been sent to Regular Member Key Representatives. This meeting has been called since the 2020-2021 IPLOCA Board Directors propose the following motion 'Exceptionally appoint for the 2021-2022 term only, up to nine additional directors from the Regular Member companies to represent the eight Geographic Regions and representatives for the Associate Members.' Regular Members unable to attend the SGM are kindly requested to send their proxy vote to [juan.arzuaga@iploca.com](mailto:juan.arzuaga@iploca.com), before 20 September.



# 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



## Advertising

Advertising in the Yearbook is still possible. Rates and specifications can be found on the IPLOCA Yearbook website. To order advertising space please use the order form at [www.iploca-yearbook.com/advertising](http://www.iploca-yearbook.com/advertising) or contact Pedemex Publishers.

## Listing changes

There is still time to make any listing changes for this edition. Changes can be done on the IPLOCA website with the account your company's IPLOCA Key Representative received: [www.iploca.com/login](http://www.iploca.com/login). For more information please contact [support@iploca.com](mailto:support@iploca.com)

# IPLOCA Yearbook 2021-2022

**In November the Yearbook will be published and distributed globally to the desks and in the field offices of pipeline companies.**

Please make sure you send the addresses of the persons to whom you wish us to send this 55<sup>th</sup> edition of the IPLOCA Yearbook.

## Photo gallery

As in previous years we are planning to publish a substantial image gallery in the 55<sup>th</sup> edition of the IPLOCA Yearbook and we ask your help in supplying us with images of pipeline & offshore construction work, usage of pipeline equipment and other pipeline & offshore contracting related activities. Please send your images with the project location and description before **30 September** to [advertising@iploca-yearbook.com](mailto:advertising@iploca-yearbook.com).

## IPLOCA Media Partners

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

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# Dual expertise = smoother project



The story of Denys is one of ambition and success. The overwhelming reason for our skyrocketing pipeline business is our dual expertise in pipeline fitting and micro-tunnelling. It's a winning combination that leads to better-optimized planning and a smoother-running project down the road.





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