



IPLOCA

TOGETHER - DELIVERING SUSTAINABLE ENERGY INFRASTRUCTURE

Newsletter

March 2023

Number

94



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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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IPLOCA Newsletter

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Courtesy of
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Letter from the President

I hope that everyone has had a great start to 2023! The IPLOCA Secretariat and Board of Directors have been extremely busy since we touched base in December.

I expect all members to have taken time to update their company's website with the new IPLOCA name and logo. It is a great honour to be part of such a great association, so be sure and let everyone know you are part of IPLOCA.

I would like to remind you that now is the moment to begin preparing submittals for the IPLOCA awards, which will be given out at our Annual Convention. We have four different categories: the IPLOCA Health & Safety Award sponsored by TC Energy, the IPLOCA Corporate Social Responsibility Award sponsored by TotalEnergies, the IPLOCA New Technologies Award sponsored by BP, and the IPLOCA Quality Award sponsored by TC Energy. We want to encourage all members to submit an entry in at least one category. We have numerous companies that do great things in each of these disciplines, and it is a great occasion to acknowledge those accomplishments.

Our search for our Executive Secretary's replacement is progressing as scheduled. We have received numerous applications and are currently interviewing those candidates, and will make a recommendation to the IPLOCA Board of Directors at the meeting in Melbourne.

One of the Board of Directors' goals in 2023 is to add further Corresponding Members to our membership. If you have any suggestions for new Corresponding Members, please reach out to our Secretariat. Having relationships with these organisations will deepen our understanding of their needs and create opportunities for our members to address those needs.

I know that everyone's schedules are busy, but please include the following events, as your involvement in these is very important. There is a high degree of effort put into making them a valuable use of your time, and as always they offer good networking possibilities. On 22 March, there will be a Regional Meeting in Melbourne, Australia. I would like to thank Leon Richards, our 2nd Vice-President, for all the hard work in putting together a stellar programme. In addition, on 19-20 April in Rome, Italy, we will be holding our Novel Construction Spring Session. This will be a great opportunity to view presentations on exciting new technologies in our industry. We are still actively pursuing additional presenters; if interested please contact the IPLOCA Secretariat.

I hope that everyone has put our 55th Annual Convention in their calendar. This year we convene in beautiful Vancouver, British Columbia from 11 to 15 September. This will be the last Convention that Juan Arzuaga presides over and he has promised that it will be memorable! Please plan on attending and show Juan our appreciation for all his hard work and dedication to this great association over the years.

Looking forward to seeing you soon!

A handwritten signature in blue ink, appearing to read 'Kelly Osborn'.

Kelly Osborn, U.S. Pipeline Inc.

IPLOCA President 2022-2023

News from Geneva

IPLOCA's Social Media Activity in 2022

LinkedIn: IPLOCA went from 6000 to 7000 followers in one year which represents another 17% increase. Since March 2022, we posted 30 times, with a total of approximately 76'000 views. IPLOCA's profile attracted more than 1500 unique visitors throughout the year. The most popular post, with more than 6000 views and 131 likes, was our post regarding the Prague Convention mentioning the subjects that would be presented during the OGM's and the logo wall of our sponsors.

Instagram: We gained 85 new followers in one year which represents an impressive 40% increase compared to 2021.

Twitter: IPLOCA reached a total of 92 followers which constitutes a 25% increase on the previous year.

To conclude the year, we had put together a 'Year in Review' video which was seen more than 150 times on **YouTube**.

We encourage every member company representative to follow IPLOCA on social media, in order to stay up to date and informed on all our activities.

Webinar

The Energy Trilemma – Global Oil & Gas Pipeline Markets in 2022



Exciting times ahead: 2022's global oil and gas pipelines markets in review

9 February 2023
2pm GMT | 3pm CET | 8am CST

[Register here](#)

On Thursday, 9 February, Gulf Energy Information shared a webinar with IPLOCA members to discuss how last year saw the re-emergence of energy security and affordability as key trends in the so-called 'energy trilemma', joining the sustainability theme that has dominated the future energy mix conversation for some time.

The webinar had 194 registrants of which 71 were IPLOCA members. If you were unable to participate, a recording is posted on IPLOCA's website: www.iploca.com/event/2022-global-oil-gas-pipeline-market-presented-by-gulf-energy-information.

Gulf Energy Information offers all IPLOCA members a discount for subscriptions to their Global Infrastructure Database. For further information please email ed.bramwell@gulfenergyinfo.com.

Executive Secretary Replacement Schedule



The Executive Committee is actively working on finding someone to fill the position of IPLOCA Executive Secretary, following Juan Arzuaga's retirement at the end of this year.

The deadline for receipt of additional applications to the existing ones was set as 28 February, 2023 and

the timeline that was updated at the last Board Meeting in December 2022 is:

2 March - Executive Committee to meet and review applicants

6 to 10 March - Executive Committee to interview applicants

15 March - Executive Committee meets and ranks applicants

23 March - Executive Committee makes recommendation to the Board of Directors

As of **August**, the chosen candidate will need to shadow Juan Arzuaga during the Annual Convention in Vancouver and the December Board Meeting.

Board Meeting Update

8-9 December 2022

Santa Cruz de la Sierra, Bolivia

Convention Review

The first morning's discussions were focused on ways to improve the Annual Convention, picking up on the positive elements of past conventions. The Executive Committee would like to invite some of the Canadian contractors to the Convention in Vancouver, as currently there are a number of large projects taking place in the country. It would be good to have some Corresponding Members present current projects.

After much debate, it was agreed to test a revised programme for the next Convention: three business days and two cultural days, with the golf tournament taking place on the Wednesday, in parallel with the second cultural day. The Spouses' Brunch will be replaced by a more inclusive event. It was decided that the theme for the Convention in Vancouver would be the same as the IPLOCA slogan: 'Together - Delivering Sustainable Energy Infrastructure'. The Monday evening Welcome Dinner will become an event organised by IPLOCA, and put up for sponsorship.

It was discussed whether there should be a charge for the Annual Convention tours to encourage participants to attend after making their booking. It was stated there is regularly 30% of no-shows which is disrespectful to the sponsors. Board directors are to bring suggestions for speakers to the March 2023 Board Meeting.

Recruitment for New Executive Secretary

It is important to find a candidate who is a suitable replacement for the outgoing Executive Secretary. Once the closing date of 28 February is passed, the Executive Committee will hold a Zoom meeting to discuss the next steps and will start arranging interviews. The following week, they will rank the candidates and will make a proposal to the Board of Directors in Melbourne in March. As of August 2023, the chosen candidate will need to shadow Juan Arzuaga during the Annual Convention in Vancouver and the December Board Meeting.

HSE & CSR Committee

In the absence of the Committee Chairman, Juan Arzuaga presented the Committee's report. Since the last Board Meeting, the following committee meetings had been held: 17 October in Barcelona, and 29 November via Zoom. The next meeting is scheduled to take place on 18 April 2023 in Rome.

HSE statistics forms had been received from 82% of Regular

Members and three fatalities had been reported:

- An employee was hit by a vehicle driven by a driver under the influence of intoxicants.
- Whilst working at a height, an employee fell as scaffolding procedures were not correctly followed.
- There was an incident with an employee from an external company during a welding operation, but no further details had been provided.

The committee is working on a number of initiatives, including defining 2025 targets in the HSE Statistics Report for environmental training, and road traffic accident frequency rates. It has been decided to show two calculation methods in the report depending on the denominator which can either be the total number of hours worked, or the total number of kilometres driven. Calculating waste is also being considered for monitoring.

It was agreed that an article would be drafted for the e-newsletter that highlights the three most viewed documents on the HSE Shared Experiences Platform, to help promote the use of this extremely valuable tool. Board Directors were requested, as an action point, to send in their 'lessons learned' experiences to assist in populating the platform. The Committee would also like to create a procedure based on the safety guideline for tie-ins in a "dos and don'ts" format. Other detailed adjustments to the HSE Statistics form were discussed.

Energy Transition Committee

Andrew Ball, the Energy Transition Committee Chairman presented the Committee report. The Committee meets on the last Thursday of every month. Directors are requested to report back at the monthly meetings on standards, policies, and projects, which are then collated and published on the dedicated webpage. The subjects that are of interest are standards & specifications; welding; membership & associations; equipment, fittings and pipe; net zero construction; net zero projects; plant and machinery; policy, government and regulation; technologies, research & development; skills development and education.

The Committee would like member companies to start looking at their carbon footprint. RSK can help in defining how to measure this so that companies can benchmark. It was pointed out that family-owned businesses do not have the same reporting structures as public companies.

A questionnaire on green credentials will be sent out by the Committee. The idea is to get members to start thinking and implementing certain policies regarding energy transition. Andrew Ball presented the hydrogen forecast up to 2050 along with the European & UK Hydrogen Backbone.

He went on to state that hydrogen pipes will be repurposed and showed the estimated investments and costs. A hydrogen timeline will be posted on the IPLOCA website.

He also presented a list of potential Corresponding Members and suggested inviting a National Grid Gas Transition director as a speaker for the Convention in Vancouver.

Innovation Committee

Gerben Wansink, Innovation Committee Chairman presented the Committee report. The next Novel Sessions will be held in Rome in the same format used in Barcelona. There had been good feedback about holding the HSE & CSR Workshop and Novel Sessions jointly. It was agreed to organise a Novel & HSE Session in Spring 2024 in North America along with a Regional Meeting and a Board Meeting. A date needs to be chosen. The 2024 IPLOCA Fall Sessions will be held in Europe.

In the last quarter 2022, it was noted that only three services had been added to the Technology Catalogue. This is an excellent advertising tool and needs to be continued to be promoted by the Association on social media.

Membership & Communication Committee

Bill Solomon, as Membership & Communication Committee Chairman, stated he was pleased to see a slight increase in membership. The Committee will set dates to communicate with members and potential new members in each region. The results of this action will be reported during the Melbourne Board Meeting in March. Bill intends for the Committee to have monthly meetings going forward. It was mentioned that a shorter version of the promotional video is needed for use on social media. A number of ideas were put forward related to promotion prior to and during the Annual Convention, including holding a zoom meeting in early August with all the new member company representatives who plan to attend the Convention, to explain how to make the most of the event.

Scholarship Programme

Kelly Osborn, the Scholarship Project Lead, presented his report. A number of action points were agreed including taking the main decision about whether the programme should continue after 2023, and if so, how many scholarships should be awarded, and how should the programme be funded.

Another consideration is whether a third party such as Scholarship America should continue to manage the applications. It was noted that close to USD 800,000 has been spent on scholarships since the programme's inception

in 2016. It was agreed to use Thursday morning of the March Board Meeting to discuss the different options for the scholarship awards, taking a final decision during the June Board Meeting to be able to report during the AGM in September.

Treasurer's Report

Adam Wynne Hughes ran through the report mentioning that the pandemic had had an impact on the Association and for the moment the economy remains uncertain. There were fewer attendees than expected at the Annual Convention in Prague. Adam presented the forecast for the fourth quarter of 2022. The accounts still needed to be audited but on the whole, there was a budget surplus of just over CHF 133,000.

The 2023 budget shows a deficit and some comments were made about approving a negative budget. A discussion took place around the fact that IPLOCA needs to find a way to start increasing its funds. The 2023 budget was approved. Adam reminded the Board that the Association still has sufficient funds, but that IPLOCA needs to do its utmost to hold successful conventions in order to increase its capital.

The Treasurer would like to initiate a membership fee increase starting in January 2024. He reminded the Board that the fees have remained the same since 2008. A decision would be made at the March Board Meeting if the fees should be increased.

Membership

At the time of the Board Meeting, the IPLOCA membership status was 81 Regular Members, 106 Associate Members and 31 Corresponding Members.

The following membership applications were approved:

- Arkad S.p.A., Italy - Regular Member
- Hercules Pipe Tools Engineering B.V., The Netherlands - Associate Member
- NDTEST Sp. z o.o., Poland - Associate Member
- Overpipe, France - Associate Member
- Raphoon LLC, U.S.A. - Associate Member

The following terminations/resignations were received:

- Boskalis - Regular Member
- Ozzie's Pipeline Padder - Associate Member
- PSI Pipeline - Associate Member
- Quanta - Regular Member
- STI Schweisstechnik Int - Associate Member
- Techfem - Associate Member

Regional Meetings

The Regional Meeting in Santa Cruz de la Sierra, Bolivia was a great success and there were approximately 80 participants.

A Regional Meeting is planned to take place in Melbourne in March, jointly with APGA and Leon Richards said he has already secured some sponsors. The event will be held at the Langham Hotel.

A Regional Meeting in Lisbon, Portugal will be held in conjunction with a Board Meeting in the NH Tivoli Hotel. Roberto Castelli and Leonardo Gravina will join Bruno Pomaré in organising this event. Europe Central and Europe Northwest regional directors plan to hold a meeting in the Rosen offices which are situated in Lingen, Germany, near the Dutch border. Attendees will need to fly to Dusseldorf which is the nearest airport. It will take place in Spring 2023 although a date has not yet been fixed.

The Road to Success App

Members have devoted a lot of time to adding chapters and they would like to share this information with non-members. This will enable IPLOCA to follow up with potential members. It was therefore agreed to open up access to the RTS app.

Carbon Footprinting

The Executive Committee decided that it is too soon for the Association to start looking at offsetting its carbon footprint. RSK evaluated that the cost of offsetting the carbon footprint for the Novel Construction event held in Barcelona would be EUR 17,000. This calculation does not take into consideration that individual companies already pay to offset their employees' carbon footprint.

Sister Associations



2022-2023 IPLOCA President, Kelly Osborn and his wife Staci, participated in the **Pipe Line Contractors Association's 75th Annual Convention**, which took place in Koloa, Hawaii from 7 to 11 February.



The **Pipe Line Contractors Association of Canada's 69th Annual Convention** is scheduled to take place from 14 to 18 May at the Fairmont Empress Hotel, Victoria, BC, Canada. For further details and to review other PLCAC events, visit their website: www.pipeline.ca.



The **Australian Pipelines and Gas Association** has planned a full schedule of events this year, including the APGA Annual Convention and Exhibition from 14 to 17 October at the Perth Convention and Exhibition Centre. Check their website for further details of face-to-face and virtual events: www.apga.org.au/events.



The **Pipeline Industries Guild's 65th Annual National Dinner**, London, U.K. will be held on 14 March at the Grosvenor House Hotel. For information on this and other PIG events please visit www.pipeguild.com.



The **International Marine Contractors Association** organises a regular programme of meetings and events all over the world including regional meetings and technical seminars. Further details may be found on www.imca-int.com/events



IPLOCA Executive Secretary, Juan Arzuaga attended the **Distribution Contractors Association's 62nd Annual Convention** from 20 to 25 February, in Fontainebleau Miami Beach, Florida, U.S.A., at which a World Federation of Pipe Line Industry Associations (WFPIA) meeting was held on Monday, 20 February.



From left to right: Ray Swerdfeger (DCA), Rob Darden (DCA), Juan Arzuaga (IPLOCA), Elizabeth Worrell (PLCA), Russell Keller (PLCAC), Kevin O'Donnell (PLCAC).

Member News

ALA Launches Free Commercial Advice Service for IPLOCA Members

Associate Member, A. Lamb Associates (ALA) is delighted to announce that it is launching a commercial advice service for Regular Members, with access to two hours of free commercial support. If you are a Regular Member and have a commercial issue on your project, you can discuss it with ALA's experienced commercial advisors, free of charge. ALA has market leading experience of typical commercial and delay issues on pipeline projects such as unforeseen ground conditions, lack of access, delayed free issue materials and weather conditions.



The company's experienced team can provide commercial and contractual insight into your position or issues and present the best options available to maximise entitlement. This service is entirely confidential. ALA has a standard form Non-Disclosure Agreement available. Alternatively they are also happy to sign any NDA your company may have. Complete discretion is assured. To take advantage of this complimentary service, please contact Managing Director, Tom Lamb at tomlamb@alambassociates.com.

The C.A.T. Group Strengthens Partnership with Aramco & Builds New Momentum with Qatar Energy and Chart Industries

Aramco and C.A.T. Group signed a long-term agreement as part of the Unconventional Resources Maintain Potential project (URMP) in March 2022, and another long-term agreement as part of the On-shore Maintain Potential Project (OMPP) in January 2023 where C.A.T. re-affirmed its position as a reliable contractor of Aramco. These two strategic contracts constitute a pillar in the next chapter of a long-lasting partnership. In Qatar, the C.A.T. Group reactivated its traditional energy activities and earned a contract for the engineering, procurement, installation and commissioning (EPIC) of consolidated pipeline/piping replacement works from Qatar Energy. Furthermore, C.A.T. Group continued its pursuit of sustainable



energy solutions and signed a memorandum of understanding with Chart Industries to bring full carbon capture solutions to customers in the Middle East and Africa.

Gascontrol Polska Hands Over Kędzierzyn-Koźle Compressor Station in Poland

Gascontrol Polska was awarded by Gaz-system S.A. the contract for the construction of the compressor station in Kędzierzyn-Koźle in the beginning of 2021. The project was completed in March 2022. The gas compressor station is one of the key investments implemented in the area of south-western Poland. Together with compressor stations executed as a part of the Baltic Pipe Project, it will enable an increase in the compression capacity of the gas transmission system in Poland by more than 50%. The compressor station is located at the junction of the transmission gas pipelines that are part of the North-South Gas Corridor. The role of the gas compressor station is to provide gas compression up to the required pressure level in multiple flow directions (western, southern and eastern). It is the first gas compressor station in the Opole Voivodeship. In the first stage, the compressor station was equipped with three compressor sets driven by gas turbines with a total capacity of 23 MW. Currently, the station is being extended by Gascontrol Polska with another re-deployable compressor set with a capacity of 11MW.





Gulf Interstate Engineering Celebrates 70 Years of Pipeline Engineering

In 1953, construction began on the Gulf Interstate Gas Pipeline. The main pipeline ran from Louisiana to Kentucky to serve the growing U.S. markets for natural gas energy. Overall, the span of the transmission system totaled 1,160 miles—an innovative and historic engineering marvel in America's post-war industrial age. 70-years later, the Gulf Companies' innovation for energy transmission is still their primary focus as they expand beyond conventional oil and gas transmission to natural gas liquids (NGLs), liquefied natural gas (LNG), supercritical carbon dioxide (CO₂) and renewables (solar and wind). Gulf's business practices have always sought to deliver responsibly designed and reliably constructed solutions for their customers. Essential criteria, such as stakeholder engagement, social and environmental impacts, safety in design, quality in construction, and operational integrity, have been hallmarks of Gulf's services throughout its 70-year history.

Family Company - Goriziane - Grows With Third Generation

Through an innovative approach, advanced engineering and a strong aptitude to problem solving, for more than 70 years, Goriziane has been designing and transforming systems of



advanced engineering and technology, aiming to bring innovation to a broad spectrum of market sectors and listening to the customers' needs. Today, the second generation management team formed by Carla Zanin, Pierluigi Zanin and Massimo Zanin has been joined by the third generation: Antonio Chiello and Filippo Zanin. With the crisis in the oil industry, the company today looks to sustainable sources, as evidenced by the realisation last year of a job worth EUR 5 million related to offshore wind power and by the introduction of a native electric vehicle, "ecarry," suitable for working in pipeline areas where maximum safety is required. This vehicle, using advanced technology, produces zero emissions and functions with remote control.

Herrenknecht's Green HDD Rig for Pipelines and Power Grids



The development of pipeline networks and power grids is the challenge of future energy supply. Trenchless methods are required for fast, safe and eco-friendly pipeline installations for oil, gas and alternative green fuels. In addition, LNG terminals and offshore wind parks need landfall solutions. Pipeline and underground cable construction encounter the same challenges. Proven tunnelling and pipeline methods, new or further developed trenchless technologies, now offer suppliers, grid operators and construction companies a wide range of solutions to cover the entire geological spectrum, with high flexibility in terms of diameters, drive lengths and installation depths. As long as the ground conditions allow a safe drilling process, HDD is the preferred option for crossing obstacles. In order to increase safety and application range in HDD, features like the jet pump, weeper subs and tooling concepts have been developed. An all-electric HDD rig is a further indispensable step towards energy transition, making green electricity usable in the drilling industry, while reducing emissions to a minimum. As Herrenknecht's first of this type, the new HK300TE Trailer Rig, a directly electrically driven rig with 300 ton pull force, assures high efficiency without the losses associated with hydraulic systems. The first field test already delivered convincing results.

Mears Group Inc. Installed Power Distribution System After Hurricane Ida

In the aftermath of Hurricane Ida (Category 4, 2021), energy company Entergy began restoring and strengthening the power distribution system in the hard-hit coastal communities of Port Fourchon and Grand Isle, Louisiana, U.S.A. The new distribution system includes two power feeds providing redundancy within the network. Entergy opted to install this section underground looking for mitigating damage risk in future storms. Quanta Infrastructure Solutions Group (QISG) selected Mears Group, Inc. to design and install a total of 12.5 miles (20 km) of 34.5 kV underground cable conduit using HDD and plowing method. Very restricted working widths alongside the two-lane highway and tidal marsh wetlands, combined with factoring in the available cable lengths, created complexity in the selection of entry and exit sites for the HDD crossings.



Additional temporary workspaces were designed and constructed to provide an adequate footprint for staging the equipment. Plowing method provided advantages when dealing with sections where uneven ground surface, high water table, and tight working space would have been problematic for trenching or HDD. A total of 27,000 feet (8,230 m) of underground conduit and cable was installed utilising plowing method and the remaining 38,500 feet (11,735 m) was installed via twenty HDD installations of 10-inch HDPE conduit.

Monti-Werkzeuge GmbH Continues Bristle Blasting Innovations

Bristle blasting (blasting without loose grit) for field joint coating surface preparation creates similar results to ISO 8501-1 Sa2,5 cleanliness with roughness profile >50 micron without a flat area between the peak and the valley of the profile. In general, one bristle of 23mm equals 1m² of surface preparation per hour, per operator. Monti's Bristle Blaster Double could reach 3m² an hour. The Prepper Q4 is automatic and remotely controlled. The method includes dust/rust particle control. The new Q4 comes in a ACCU-version to avoid any hoses



onsite or need for power generators. When bristle blasting, the result is immediately visible for the cleanliness or coating adhesion check. For safety only, protective eye-wear is needed. Regarding noise levels the Q4 machine including dust control is below 91 Db, so according to OSHA, two hours' exposure is allowed. Timewise, the Prepper Q4 prepares a 42 inch field joint of 3LPE with a cutback of 15 cm in 12 minutes. The system of bristle blasting by Prepper Q4 is a closed cycle operation.

Nacap Constructs 580 km Pipeline in Western Australia

Nacap has been engaged by the APA Group to construct the 580 km Northern Goldfields Interconnect Pipeline to connect the existing Dampier Bunbury Natural Gas Pipeline, near Geraldton, Western Australia (WA) to the Goldfields Gas Pipeline, near Leinster, WA. Key project statistics for works performed to date include a minimum average pipe lay rate of 5 km per day and trenching performed in ground conditions that varied from sandy to high strength granite, using 11 trenching machines (combination of rocksaw and bucket wheel), a fleet of excavators and multiple drill and blast fronts. Four temporary construction camps were established and put into operation (each containing up to 330 rooms) along with local commercial accommodation and permanent



camp. So far, the project includes eight major HDD crossings plus nine minor HDD crossings of smaller features and 13 mainline hydrostatic test sections. Almost 900,000 hours have been worked, more than 32,000 welds completed, and more than seven million kilometres travelled.

SACDE and Techint Take Step Forward in Key Project for Argentina

SACDE and Techint Engineering & Construction, in an equal part consortium, are currently building sections 1, 2 and 4 of the President Nestor Kirchner Pipeline (GPNK), an infrastructure project of 573 km in 36" that aims to increase Vaca Muerta output (the second largest unconventional gas reserve in the world), by expanding gas transportation capabilities, carrying it to consumption centres up and down the country. Sections 1 and 2 extend 440 km in 36" from Tratatayén, Neuquén Province to Salliqueló, Buenos Aires Province, passing through Río Negro and La Pampa provinces. These sections involve the measuring and operation facilities required for the construction of the pipeline, such as scraper traps, block valves and metering stations.



Also, in order to accelerate the construction, some technologies were implemented: a double joint plant to weld pipes of 12 mts into one single piece of 24 mts and, the automatic welding system, used for the first time in the country, to weld 36" diameter pipes. In section 4, other works are being performed to increase the capacity of the pipeline: the duplication of the NEUBA II pipeline near Ordoqui Compressor Plant in Buenos Aires province, extend 30 km in 36" and the new 83 km, 30" Mercedes - Cardales gas pipeline (including scraper traps, block valves and metering facilities) that will create an interconnection route between the North and South gas transportation systems.

Seal For Life and Consistent Pipeline Protection

Over 50 km of new pipelines are being constructed in the Bisat area in the Sultanate of Oman. The pipeline diameters range from 10" through to 24" in diameter. Canusa CPS (a division



of Seal For Life Industries) was selected to provide field joint coating protection using the GTS PP heat shrink sleeve product line along with IntelliCOAT. The scheduling window for the 16" and 24" pipelines was very tight and the team determined that a manual application of the heat shrink sleeves would not be possible. Instead the IntelliCOAT system was selected to complete this work. IntelliCOAT is a fully automated system to control the application of heat shrink sleeves over pipeline field joints. Using this system, productivity was increased by 150% as well as reducing the crew size required by 40%, compared to manual application. In addition, IntelliCOAT improved the HSE factor and maintained a consistent quality for all coated joints.



Oscar Scarpari Appointed as New Global CEO of Techint Engineering & Construction

Oscar Scarpari succeeded Carlos Bacher as company CEO at a global level, effective January 1, 2023, while Carlos continues as Chairman, after 20 years at the helm of the company.

Oscar is a mechanical engineer with a degree from the University of Cordoba and an MBA from the IAE in Argentina. He also followed an Advanced Management Programme at Harvard University, U.S.A. In command of the Andean Region (Chile, Peru, Ecuador and Colombia) for Techint Engineering & Construction since 2014, he has been working for nearly 25 years at the company, holding different positions such as Construction Manager and Offers Manager in Argentina, Mexico, Brazil, Canada, Peru and Chile. Over the last few years, the company has undergone a strategic transformation, including the completion of several large-scale projects, such as the largest LNG terminal in France, the P-76 production platform in Brazil, pipelines and pumping stations for the mining industry in Chile, and it is today playing a key role in the construction of the GPNK, one of the most important infrastructure projects of the last 40 years in Argentina.



Wasco Coatings Completes Concrete Weight Coating for Qatargas

Wasco Coatings Middle East QFZ LLC, located in Qatar, and a subsidiary of Wasco Energy Group of Companies, recently celebrated the completion of Concrete Weight Coating (CWC) for the Qatargas NFPS EPCOL Project. The project entailed coating 22,331 joints (274 km) of 28" and 38" line pipes with coating thicknesses ranging from 40 mm to 150 mm. Guests from Qatargas, Saipem and Qatar Free Zones Authority also celebrated the One Million Man Hours Wasco worked on NFPS EPCOL without a Lost Time Incident; further reinforcing the core value of Wasco, where safety is always a top priority. Wasco commissioned its Qatar CWC plant in November 2021. After successful PQTs, coating began on NFPS EPCOL in January 2022. The next phase of Wasco's commitment to Qatar Energy's Tawteen In-Country Value Initiative is the construction and commissioning of an anti-corrosion coating plant, which is planned to be operational by the third quarter of 2023.

New Appointments to the Board of Directors at Winn & Coales (International) Ltd.

It is with great pleasure that the Board of Directors at Winn & Coales International Ltd. announces the appointments



of Andrew Stuart and James Winn as executive directors of the Board, effective from the beginning of January 2023. Winn & Coales International Ltd. is the parent company of Winn & Coales (Denso) Ltd, Premier Coatings Ltd, and a further five subsidiaries around the world. For more than 90 years, the Winn & Coales International Group of companies has been creating high-quality, bespoke and off-the-shelf solutions that provide enduring protection against corrosion and chemical attack to valuable assets. Both Andrew and James have been working at Winn & Coales International Ltd. subsidiary companies for over 30 years each – a position which Andrew fulfils alongside his current role on the IPLOCA Board of Directors. The Winn & Coales International Ltd. Board would like to wish Andrew and James every success in their new and extremely well-deserved positions which further strengthen the management of the business going forward.

Xionggu Pipeline Automatic Welding Machine Participates in 3rd West to East Gas Pipeline



The middle section of the 3rd West to East Gas Pipeline has a total length of 2090 km. It starts from Zhongwei, Ningxia Province, passes through 7 provinces in China, and ends at Ji'an City, Jiangxi Province. The design pressure of the pipeline is 10 MPa, the design annual gas transmission capacity is 25 billion m³, and the pipe diameter is 1219 mm. A total of 10 compressor stations and 2 branch lines are set along the whole line. Xionggu internal welding machine and dual torch pipeline automatic welding machines participate in the construction of the project. After project completion the annual gas transmission capacity of the West to East Gas Pipeline system can be increased by about 25 billion m³. Compared with coal consumption, the annual carbon dioxide emission can be reduced by 70.89 million tons. It is important to promote the adjustment of energy structure and the transformation of development modes, ensure the supply of clean energy along the line, promote energy conservation and emission reduction along the line, and achieve the goal of carbon neutralisation in China.

Membership Centre

New Regular Member



Arkad S.p.A. is an international engineering & contracting company with a portfolio of 60 years'

experience and 300 completed projects in more than 30 countries. It provides a full range of process design, engineering, procurement, construction and commissioning solutions to the energy industries, with an increased focus on energy transition projects. Thanks to its multidisciplinary skills approach and the capability to implement projects covering different technological segments in the energy industry, Arkad S.p.A. has become a leader of EPC contracting worldwide with an extensive operational track record in pipeline design and construction projects.

Arkad S.p.A.

Via L. Lama 33

20099 Sesto San Giovanni

Italy

T +39 02 30571 209

www.arkadspa.com



IPLOCA Membership Certificates

Membership certificates were mailed out at the end of January to paid-up members.

For those members who have not yet paid their fees for 2023, we kindly ask you to do so as soon as possible.

If you are the designated IPLOCA Key Representative for your company and you have not yet received your certificate please contact the IPLOCA Secretariat: sebastien.goetschmann@iploca.com.

As of 28 February, IPLOCA's membership stands at:

81 Regular Members

106 Associate Members

31 Corresponding Members

4 Academic Members

7 Honorary Members

New Associate Members



Hercules Pipe Tools Engineering is the world's leading innovative manufacturer of unique hydraulic Internal Line-up Clamps (ILC) to fit two pipe sections together after they have been lined up, to improve the line-up process and ensure fewer weld repairs. The potential productivity of automatic welding systems relies on repeatable effective alignment preparation. Being able to alter the shape of the pipe ends to optimise its circular shape and reduce HiLo misalignment is key to pass QA/QC inspection and start the next root pass weld.

Hercules ILCs are compatible with all external welding systems and enable clients to stay ahead of the game and set new standards without being limited by insufficient line-up performance.

Hercules Pipe Tools Engineering B.V.

P.O. Box 1156

3430 BD Nieuwegein

The Netherlands

T +31 320 76 2610

info@hercules-pipeline.com

www.hercules-pipeline.com



NDTEST Sp. z o. o. was established in 1989. It is a leader in non-destructive testing in Poland. The company

cooperates with leading providers of non-destructive testing with regards to new (hi-tech) NDT techniques. The company is accredited for conformity with PN-EN ISO/IEC 17025 by the Polish Centre for Accreditation and by recognised inspection leaders operating throughout Poland. In 2016, they expanded the scope of services to also offer destructive testing. The company's services include comprehensive qualification of welding technologies and organisation of training and examinations for welders to receive essential certifications. Moreover, the testing and production personnel of NDTEST hold non-destructive testing certificates at levels 2÷3 for the crucial non-destructive testing methods. Highly skilled personnel have extensive experience in testing and supervision during the construction of pipelines and large industrial structures in Poland and abroad, e.g. Germany, U.K., Norway, and Canada.

NDTEST Sp. z o. o.

Sztabowa 10

04-283 Warsaw

Poland

T +48 22 879 75 52

www.ndtest.com.pl



OVERPIPE is a branch of the family-owned group Joubaux, founded in 1988, and well known as a contractor for civil works in pipelines inspection and repair. OVERPIPE was born from the CEO's idea to replace concrete slabs by HDPE plates to protect buried pipelines from third party risks in high consequence areas. The OVERPIPE HDPE plates resist a 32 tons excavator assault. With their bright yellow colour, they are a very efficient warning device. They are easy to install and to remove for further inspections or repair of the pipe. Hundreds of kilometres have been installed since 2010 by major oil & gas companies on all continents.

OVERPIPE

Chemin du Sarret
13590 Meyreuil
France
T +33 4 42 26 26 19
www.overpipe.com



At **Raphoon LLC** you will find quality consulting and products that will help any pipeline company in improving the integrity of their network. Raphoon LLC is primarily focused on pipeline coatings and protection methods.

Raphoon LLC has impacts on upcoming changes to the coatings community, and is committed to the continual improvement of its pipeline protection mechanisms and the long term reliability of the world's energy infrastructure.

Raphoon LLC

2129 FM 2920 Road
Suite 190-319
Spring, TX 77388
U.S.A.
T +1 832 928 2786
raphoon@gmx.com
www.raphoon.com

Regional Meetings

Latin America

An IPLOCA Regional Meeting for Latin America, organised by SEPCON and GDI, took place at the Hotel Marriott, in Santa Cruz de la Sierra, Bolivia on Wednesday 7 December 2022.

It was attended by over 70 participants including IPLOCA members from all corners of the globe and Latin American key players in the pipeline industry.

The following presentations were made, copies of which may be viewed on our website: www.iploca.com/event/latin-america-regional-meeting.

- **Carlos Rabuffetti, Tecpetrol** - Vaca Muerta gas potential for regional & global exports
- **Armin Dogarthen, YPF** - Reactivation plan for upstream
- **Andrew Ball, J. Murphy & Sons** - Hydrogen, a promising energy
- **Juan Arzuaga, IPLOCA** - IPLOCA's initiatives
- **Christian Selan, Vacuorx** - Presentation of Vacuorx
- **Tim Zboya, Bechtel Pipeline** - Water pipelines in South America
- **Keizer Birke, Caterpillar** - Digital solutions
- **Gustavao Matta y Trejo, YPF** - Argentina LNG
- **Alejandro Enciso Lopez, TC Energia** - Gas pipeline extension Sureste

East & Far East

The next IPLOCA Regional Meeting will take place on Wednesday, 22 March at the Langham Hotel, Melbourne, Australia.

This all-day meeting will be co-hosted by APGA - Australian Pipelines & Gas Association and presentations will focus on health, safety, the environment and quality. Speakers will include IPLOCA members and representatives of international companies from the pipeline and construction industry in the East & Far East region. There is no fee to participate, but you will need to complete the on-line registration form. Further details are available on our website: www.iploca.com/event/iploca-east-far-east-regional-meeting.

Europe Mediterranean

The IPLOCA Europe Mediterranean Regional Meeting will be held on Wednesday, 7 June at the Tivoli Hotel, Lisbon, Portugal.

This meeting will be co-hosted by Spiecapag and will include presentations by IPLOCA members and representatives of international companies from the pipeline and construction industry in the region. More information on this event will be posted on our website closer to the date: www.iploca.com/event/iploca-europe-mediterranean-regional-meeting.



55th Annual Convention Vancouver, Canada

IPLOCA's Annual Convention will be held at the Hyatt Regency Vancouver hotel from 11 to 15 September 2023.

The theme for the Vancouver Convention is the same as IPLOCA's new slogan: 'Together - Delivering Sustainable Energy Infrastructure', and presentations at the Open General Meetings will focus on the many aspects of today's challenges to generate and transport energy in a more environmentally sustainable manner.

Overall Programme

Based on feedback received via the Prague Convention questionnaire, the Board has decided to make a few changes to this year's programme. Amongst others, these changes will include:

- An increase in the number of business meetings with the addition of a 3rd Open General Meeting to be held on Tuesday morning followed by a buffet lunch for all delegates and spouses inside the hotel. Thursday and

Mark your calendar!

Online registration will open on **Monday, 1 May 2023** at www.iploca.com

Friday's OGMs will continue to take place, as well as the Annual General Meeting on Friday morning.

- The duration and the number of the Business-to-Business (B2B) Meetings will be increased and will be held on Tuesday afternoon. See next page for more detailed information.
- The cultural tours will be held on Monday and Wednesday, and delegates will be asked to pay a small fee for tour participation. This decision was made because of a consistently high number of no-shows on the actual day of the tour, resulting in IPLOCA having to pay penalty fees to the various suppliers for the tours.

Cultural Tours

This year's cultural programme will include the 'classics' that every visitor to Vancouver must see, such as Grouse Mountain; Capilano Suspension Bridge; the historic Gastown



area with its famous landmark, the steam-powered clock; Granville Island; Stanley Park; and for the more adventurous, a sea safari in Zodiac boats to Horseshoe Bay, famous for its spectacular scenery and wildlife.

Convention Sponsorship

Convention Sponsorship opportunities will soon be available!



All images © Destination Vancouver

Sponsorship will raise awareness of your company at this unique annual gathering of leading professionals in the pipeline industry, and will enable your company to take advantage of all the benefits that come with increased logo visibility during the convention week, via social media, in the IPLOCA newsletter and on the website. Further details will be sent to all members in a few weeks.



Extended Opportunities for B2B Meetings

Message from the Executive Secretary

Business to Business (B2B) Meetings, along with Poster Sessions, were launched at the London Convention in 2018. In Vancouver we will be dedicating more time and more rooms for these B2B meetings to allow more members the opportunity to participate.

The objective of these meetings is mainly to give our members the possibility to express their interest in doing business together and to establish contact during a brief meeting that should not last more than 10 minutes. Why such a short period of time? It is said that those unexpected meetings that suddenly take place in a lift are those in which both parties focus on the most important messages each party wants to convey.

When organising these meetings during past conventions, I have noticed that we need to clarify how IPLOCA schedules them for the benefit of both parties. IPLOCA's convention registration system includes these two questions:

- "Would you like to participate in the Business to Business Meetings (B2B) on DDMMYY from hh:mm to hh:mm?"
 - "Is your company interested in hosting a B2B Meeting?"
- For those who answer YES we require the name of the person that will host it.

"Hosting" persons are usually senior representatives of either Corresponding Members or Regular Members who may have business opportunities for the confirmed participants that would like to establish contact with the host in a brief meeting. The organisation of B2B meetings follows a detailed procedure that requires a lot of coordination, since there are only a limited number available on a first-come first-served basis. The name of the hosting companies is only known towards the end of the convention registration period.

Each registered participant who has expressed interest in taking part in B2B meetings, is contacted via email individually, in order to ask them which "hosting" company they are interested in meeting. Last year we had about 80 to 90 people asking to participate in B2B Meetings.

This year we will dedicate 8 to 10 rooms in which each host will receive confirmed participants for 10 minutes in a period of two hours; last year we only offered one hour. The sooner we receive the selection of "hosting" companies that each registered participant would like to meet, the sooner we can start allocating them. The Executive Secretary will then send individual emails to each confirmed hosting company, and each confirmed participant. Only those who have received a confirmation email issued by the IPLOCA Executive Secretary will be entitled to participate in a B2B Meeting.

For any questions, please contact juan.arzuaga@iploca.com



IPLOCA Awards to be presented in Vancouver

Would your company like the opportunity to be selected and recognised as a leader in search for excellence within the pipeline industry?

It is now time to choose which of your company's significant initiatives or achievements meets the eligibility requirements to be considered for one of the following IPLOCA Awards, including a new Quality Award.

Deadlines for submissions are coming up in April and May. For more information, such as guidelines, entry forms, eligibility and details on previous winning entries, you may refer to www.iploca.com/awards.

Note 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 five other awards that are presented every other year. Please contact Sébastien Goetschmann, sebastien.goetschmann@iploca.com, if you have any questions.

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

On the next page is an example of a tool that was selected as a runner-up for the IPLOCA Health & Safety Award last year.



2023 IPLOCA Corporate Social Responsibility Award
sponsored by TotalEnergies
Deadline: 12 May

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:

- 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



2023 IPLOCA Health & Safety Award
sponsored by TC Energy
Deadline: 5 May

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:



2023 IPLOCA New Technologies Award
sponsored by BP
Deadline: 19 May

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



2023 IPLOCA Quality Award sponsored by TC Energy

Deadline: 28 April

Newly introduced this year, this biennial award recognises an exemplary achievement in improving quality of design, quality of materials and quality of execution, in the pipeline industry and related work, such as:

- A unique innovation method or initiative for quality control programmes or test plans that improves project quality
- A new and well-defined system, procedure or practice enhancing quality assurance that prevents future potential failure
- An innovative implementation of lessons learned

"Today's Quality is Tomorrow's Safety"

SICIM Celebrating Third Year in a Row as IPLOCA Health & Safety Award Runner-up

SICIM's award-winning proximity warning system is designed for personnel and object detection.

The Personnel Detection Tool (PDT) allows the operator to detect any obstruction visually and audibly. The sensors provide active object detection in heavy equipment blind spots. The tool is unaffected by wind, rain, humidity, fog, and all kind of adverse weather conditions.

It is equipped with an on-board camera and LCD monitor to give the operator a quick view of blind spots, along with a triggering alarm & indicator lights to alert the operator of an obstruction in the work zone. The PDT helps operators to minimise the risk of incidents and related injuries, generating considerable cost reductions. Since its implementation, SICIM confirms that no incidents of this nature have been recorded.

Health, Safety, the Environment & CSR

HSE Statistics Required of All Regular Members

On behalf of the Chairman of the HSE & CSR Committee, Bruno Pomaré, we would like to remind our Regular Members that, as a condition of membership, they are required to submit their annual health, safety and environmental statistics to IPLOCA, such that aggregate statistics for the industry can be collected and monitored via the annual statistics report issued in September.

This information is also welcome from our Associate Members who have field construction activities. HSE data collection is crucial for IPLOCA to measure HSE performance through statistics and analyse results to identify the major causes of recurrent issues. For this reason we kindly request you to submit your company's statistics for 2022, no later than **1 April**.

We thank all those companies who have already returned their forms. The online form, along with guidelines, are available at www.iploca.com/news-media/hse-statistics. Returns should cover onshore pipeline construction sites or offshore operations and all infrastructure-related projects.



Important notes

- Returns are confidential documents and are not shown or passed on to any third party, other than the HSE & CSR Committee working in collaboration with the IPLOCA Secretariat in order to produce the annual statistics report.
- Regular Members must have submitted their 2022 Health, Safety, and Environmental Statistics Return and paid their 2023 membership fees to be eligible to attend the 2023 Annual Convention in Vancouver.

HSE Shared Experiences Platform

**Share your experiences so that others may benefit!
Learn from the experiences of others and don't make
the same mistakes!**



Around 350 documents are sorted into various categories and grouped under "Lessons Learned" and "Safety Alerts", including some bilingual texts; all languages are accepted. Note that, in addition to health and safety issues, major environmental incidents and best practices are also included. Should you have any questions or comments please contact sebastien.goetschmann@iploca.com.

Three Most Viewed Documents on the Platform

Tekfen Construction's Off-the-Job Safety Handbook

The sponsor's introduction to this 56-page second edition, published in 2021, covers the rationale behind the document: "Most of us are familiar with on-the-job safety. But what about health and safety off-the-job? It would probably surprise you to know how many of the deaths and injuries suffered by workers occur off the job. Recent statistics show that off-the-job accidents account for 25% more days lost by workers than accidents on the job. Motor vehicle accidents account for 63% of all off-the-job deaths, with the rest occurring at home or in public places. This suggests that our off-the-job safety sense may not be as strong as it should be...." This handbook is full of safety tips that could help keep you and your families safe and healthy, including chapters on traffic safety, fire safety, accidental poisoning, heat protection, childproofing, choking, drowning and first aid basics.

Accident While Lifting a Pallet with Slings

This accident, resulting in a fractured ankle, was published in January 2021 by an unknown source and is an example of a classic "small" accident. However, as the author states, "Every activity has its own importance for safety reasons. No "little" lifting exists." At the yard two workers proceeded to load up a truck with pallets of bentonite, using slings through the pallets and lifting with the truck's hydraulic loader crane. The pallets

were stacked very closely together making it very difficult to get the slings under the pallet, to the point where it was decided to attempt to drag the first pallet out to get the sling under and lift the load onto the truck. Whilst the pallet was being pulled out, the helper who was pushing the pallet to try and help it along was joined by the operator. As they were both pushing, the pallet tipped over and landed on the helper's ankle. A series of lessons learned are listed at the end of the document, many of which are applicable to all typical lifting operations.

Dropped Scaffold Toe Board – Shared by TANAP

During the dismantling of a scaffolding inside a compressor building, a piece of the scaffold toe board was dropped from a height of 2.5 m and hit the face of a worker below. After the first medical intervention onsite, the worker received three stitches at the hospital. Root causes for this incident were identified and counter measures enacted, including line of fire trainings, scaffolding erection and dismantling risk assessment revision and related training.

**The HSE & CSR Committee continues to encourage
all industry players to visit and contribute to
www.iploca.com/committees/hse-csr/hseplatform.**

Important IPLOCA Dates

Health & Safety and Environmental Statistics

1 April - Deadline for submissions

www.iploca.com/hsestatistics

2023 IPLOCA Quality Award

28 April - Deadline for submissions

Member News for IPLOCA June Newsletter

28 April - Deadline for submissions

newsletter@iploca.com

IPLOCA Annual Convention

1 May - Registration opens

2023 IPLOCA Health & Safety Award

5 May - Deadline for submissions

2023 IPLOCA Corporate Social Responsibility Award

12 May - Deadline for submissions

2023 IPLOCA New Technologies Award

19 May - Deadline for submissions

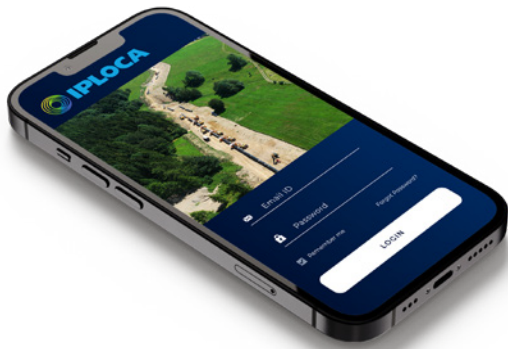
Member News for IPLOCA September Newsletter

31 July - Deadline for submissions

newsletter@iploca.com

Innovation

Novel Construction Spring Session in Rome



The next Novel Construction Spring Session will take place at the Hotel Ripa Roma, in Italy on Wednesday and Thursday, 19 to 20 April 2023.

The programme will include presentations on innovative developments on Wednesday morning for member and

non-member companies and will be followed by group work sessions, to discuss how to further develop the content of "The Road to Success" mobile application. Group presentations will be given on Thursday morning.

Attendance at this event is free of charge; however, registration is required before the deadline of Monday, 6 March. The agenda will be posted on our website closer to the date of the event. The hotel reservation link and meeting registration form can be accessed via this link: www.iploca.com/event/iploca-novel-construction-spring-session-2023.

If you would like to suggest a presentation for Wednesday morning, please submit the title and a brief outline to gregoire.demontmollin@iploca.com as soon as possible as there are only a few slots available.

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

Working Groups	Leader (Company)	Email
Earthworks & Crossings	Joseph Gilmartin (Fluor)	joseph.gilmartin@fluor.com
Steep Slopes Installation	Matt Granger (Ledcor)	matt.granger@ledcor.com
New Trends & Innovation	Mustafa Abusalah (C.C.C.)	mabusalah@ccc.net
Coatings	Somaieh Salehpour (Seal for Life)	somaieh.salehpour@sealforlife.com
Environment	Katrina Cooper (RSK)	kcooper@rsk.co.uk
Logistics	Jean-Baptiste Rousseau (Spiecapag)	jean-baptiste.rousseau@spiecapag.com
Energy Transition	Andrew Ball (J.Murphy & Sons)	andrewball@murphygroup.co.uk

IPLOCA Members Technology Platform

Proposed Update

The IPLOCA Members Technology Platform has two key objectives: to modernise the way IPLOCA helps connect the innovative technologies of IPLOCA members to potential clients, and to facilitate knowledge sharing between members.

As of today, the IPLOCA platform has received 44 innovative technologies from 30 innovative IPLOCA member companies. These technologies include pipeline manufacturing and coating solutions, as well as pipeline peripheral equipment, both for onshore and offshore deployment. To improve the connection of IPLOCA members to potential clients via the platform we have received the proposal, from the

Technology Catalogue supplier, of turning the IPLOCA platform homepage into a landing page as part of the global TechnologyCatalogue.com infrastructure.

With this change, from the moment a technology is listed on the IPLOCA platform it would also be directly included on TechnologyCatalogue.com as well as on all pages of companies that have a subscription with TechnologyCatalogue.com.

To ensure a good transition, TechnologyCatalogue.com will offer free use of the starter subscription for one year to all IPLOCA suppliers. After that period IPLOCA members will start to pay a fee to create more visibility for their technology, to get data insights and take advantage of all the services that the platform offers. The goal is to submit this idea to the IPLOCA Board for approval in March 2023.

Upcoming Events

2023

PIG – The Pipeline Industries Guild 65th Annual Dinner

14 March – London, U.K.

www.pipetguild.com



IPLOCA East & Far East Regional Meeting

22 March – Melbourne, Australia

www.iploca.com/events/regional-meetings



Hannover Messe

17-21 April – Hannover, Germany

www.hannovermesse.de

IPLOCA Novel Construction Spring Session

19-20 April – Rome, Italy

www.iploca.com/events/novel-construction-sessions



Offshore Technology Conference

1-4 May – Houston, TX, U.S.A.

2023.otcnet.org

Pipeline Technology Conference

8-11 May – Berlin, Germany

www.pipeline-conference.com

PLCAC 69th Annual Convention

14-18 May – Victoria, BC, Canada

www.pipeline.ca



IPLOCA Europe Mediterranean Regional Meeting

7 June – Lisbon, Portugal

www.iploca.com/events/regional-meetings



IPLOCA 55th Annual Convention

11-15 September – Vancouver, Canada

www.iploca.com/events/annual-convention



APGA Convention and Exhibition

14-17 October – Perth, Australia

www.apga.org.au



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IPLOCA Board of Directors 2022-2023



Front row left to right: Adam Wynne Hughes, Leon Richards, Kelly Osborn, Gonzalo Montenegro, Roberto Castelli, Juan Arzuaga.
Second row: Leonardo Gravina, Virendra Varshney, Saji Khoury, Bruno Pomaré. **Third row:** Yasar Giregiz, Andrew Stuart, Tim Zboya, Robert Bell.
Fourth row: Wilko Koop, Giacomo Bonfanti, Adel Botros, Mustafa Kopuz. **Back row:** Doug Bailey, Gerben Wansink, Roger Spee, Bill Solomon, Andrew Ball. **Inset:** Edgar Chavez, Gian Marco Dondi, Robert Linder.

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Juan Arzuaga

* appointed by the Board of Directors



SHAPING THE ENERGY TRANSITION

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Denys uses the innovative Pipe Express technique: timesaving and reducing the environmental impact to a minimum.

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www.denys.com