

9th Annual Pipeline Maintenance and Integrity Management

Best Practices of Pipeline Integrity Management for Reducing Long Term Cost,
Driving Productivity & Pipeline Maintenance and Rehabilitation



14th-15th of October 2021
Virtual Conference (CET)

SPEAKER PANEL

Andy Studman
Pipeline and Subsea Team
Lead, Subject Matter
Expert: Piggings Operations
Shell
UK

Dr. Nikolaos Liapis
Chief Operations Officer
Elinoil SA
Greece

Udeme Okure
Corrosion Engineer
&
Nauman Tehsin
Senior Integrity Engineer
Saudi Aramco
Saudi Arabia

Dr. Giuseppe Giunta
Technical Authority Manager
Eni
Italy

Tom Neal
Innovation Delivery
Manager
&
Lloyd Mitchell
Pipelines Engineer
National Grid
UK

Alok Gurtu
Director & Head O&M
Reliance Ethane Pipeline Ltd
India

Bart Wauterickx
CEO
The Sniffers
Belgium

TOPICS TO BE ADDRESSED

- **Achieving excellence in maintaining pipeline assets**
- A stitch in time, saves nine
- How to manage the integrity of pipelines with a **pipeline risk & integrity management software solution**
- **Challenges and solutions for difficult to pig applications**
- Impact of **pressure cycle induced fatigue on stress corrosion cracking**
- **Upgraded technologies for integrity management**
- Re-purposing a high pressure **natural gas pipeline system for hydrogen**
- **The use of additives in fuels transported through pipelines**

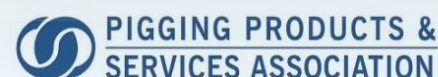
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BENEFITS OF ATTENDING

- Meeting **decision-makers** from leading **European Energy companies**
- Tackling the latest issues through recent **case-studies, in-depth discussion, Q&A, polls** and panel chats
- Interactive, Interpersonal and Indepth virtual conference format for open-floor dialogic and discussion

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14th of October - Day 1

13:00 Opening Address from the Chairperson

PIPELINE UPKEEP AND MAINTENANCE

13:10 **The use of additives in fuels transported through pipelines**

- Effectiveness of additives as a treatment for corrosion and wear issues due to Microbial Contamination
- Cost effectiveness as flow improvers
- Trends and potential interaction of "pipeline" additives with alternative fuels (Biofuels, Hydrogen etc)

Dr. Nikolaos Liapis
Chief Operations Officer
Elinoil SA, Greece

13:50 **How to manage the integrity of pipelines with a pipeline risk & integrity management software solution**

Bart Wauterickx
CEO
The Sniffers, Belgium

14:30 20 minutes break & break-out rooms ☕

14:50 **Challenges and solutions for difficult to pig applications**

- Why difficult to pig
- Inspection location and coverage considerations
- Technologies and associated limitations
- Case example(s)

Andy Studman
Pipeline and Subsea Team Lead, Subject Matter Expert: Pigging Operations
Shell, UK

15:30 **Impact of pressure cycle induced fatigue on stress corrosion cracking**

- Underground aged pipelines constructed with Non-FBE coating experiencing external corrosion
- Major components of tensile stresses, Cyclic Stresses and corrosive environment for the initiation of stress corrosion cracking (SCC)
- Assessment of cyclic loading and the impact of crack growth through pipe wall subjected to pressure cycles for incompressible fluid pipelines
- The company's developed pressure cycle induced fatigue assessment methodology in-line with API RP 1176
- The assessment on the severity of pressure cycles used by the company to prioritize pipelines for Crack Detection ILLI

Udeme Okure
Corrosion Engineer
Saudi Aramco, Saudi Arabia

Nauman Tehsin
Senior Integrity Engineer
Saudi Aramco, Saudi Arabia

16:10 Closing Remarks from the Chair & Wrap up of Day 1

16:20 30 minutes networking break-out rooms ☕

15th of October - Day 2

13:00 Opening Address from the Chairperson

PREPARATION FOR THE FUTURE

13:10 **Upgraded technologies for integrity management**

- Digitalisation of pipeline systems
- Implementing field tests in different scenarios
- Data-driven machine learning for preventing maintenance and operations

Dr. Giuseppe Giunta
Technical Authority Manager
Eni, Italy

13:50 Reserved for sponsor

14:30 20 minutes break & break-out rooms ☕

14:50 **Re-purposing a High Pressure Natural Gas Pipeline System for Hydrogen Transmission**

- Assessing risks and potential mitigations
- Application of hydrogen blending in a transition
- Materials concerns for change in fluid

Tom Neal
Innovation Delivery Manager
National Grid, UK

Lloyd Mitchell
Pipelines Engineer
National Grid, UK

15:30 **Achieving excellence in maintaining pipeline assets - A stitch in time, saves nine**

- Pipeline is a unique asset, different from plant assets
- The risks involved in pipeline
- Prescriptive vs performance based maintenance
- Achieving excellence in maintenance practices through technology
- Always believing – Prevention is better than cure

Alok Gurtu
Director & Head O&M
Reliance Ethane Pipeline Ltd, India

16:10 Closing Remarks from the Chair & Wrap up of Day 2

16:20 30 minutes networking break-out rooms ☕

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How our virtual conferences work

Each speaker session will last 40 minutes: 25 minutes for presentation and 15 minutes for Q&A, discussion, and interaction with all participants. Participants have the opportunity to ask questions through video and microphone interaction.

What we do

We help decision makers in European energy industry to benchmark best practices by organizing peer-to-peer conferences.

What we promise

The longest average minutes (at least 4 minutes per participant within two days of a virtual event) of direct peer-to-peer networking with the most senior, relevant, committed, innovative, and open-minded European professionals about specific energy industry-related topics.

How we keep our promise

Suppose our customer finds any other conference in Europe about the same topic with a longer average networking time per participant and a higher networking level. In that case, we will refund the registration fee in full in the form of a voucher that can be used for any of our conferences upcoming 12 months.

Follow us on Social-Media for energy industry news and events.



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THE SNIFFERS[®]

As your global service provider in the oil & gas and (petro)chemical industry, The Sniffers is committed to helping you realize your environmental, sustainability, and integrity ambitions. We develop and execute best-in-class emission management and pipeline integrity programs with a meaningful impact on safety, compliance, environmental footprint, and business profitability

Our team of more than 100 technical specialists has realized more than 9.000 emission reduction surveys and pipeline integrity projects in more than 35 countries across the globe. Our customers value The Sniffers' in-depth knowledge, dedicated people, innovative approach, and reliable, accredited processes.

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MEDIA PARTNERS



European Gas Hub is an online platform for sharing analysis and information about European natural gas markets.



Worldoils is a company that combines the power of marketing as well as the in-house expertise for the Oil, Gas, Offshore and the Maritime industries. Worldoils' web portal www.worldoils.com has become a truly central platform for visitors who need information regarding oil and gas products and services, research, training, conferences, news and events as well as a popular advertising base for providers of Oil, Gas, Marine and Offshore services.



Cedigaz is an international association dedicated to natural gas information, created in 1961 by a group of international gas companies and IFP Energies nouvelles (IFPEN). It is based near Paris. Cedigaz has members all over the world. Cedigaz' goals consist in gathering, compiling and analysing worldwide economical information on natural gas, LNG and unconventional gas in an exhaustive and critical way. The information that Cedigaz deals with touches on all activities and aspects of the gas industry (exploration, reserves, production and processing, transportation, trade, storage, distribution and consumption of natural gas). Cedigaz diffuses the information in its periodic bulletins, surveys and online databases.

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ASSOCIATION PARTNERS



Pigging Products and Services Association (PPSA) - was formed in 1990 and has 120+ members representing the #piggingindustry from over 20 countries around the world. PPSA plays a major role in providing information and sourcing pigging equipment and services for the #pipelineindustry and responds to hundreds of enquiries each year through its web site <http://www.ppsa-online.com>. It provides a free technical information service and runs seminars on pigging. Its aims are, to promote the knowledge of #pigging by providing a channel of communication between the members themselves, and with users and other interested parties.



MARCOGAZ is a non-profit international Association founded in 1968 and represents the European gas industry on all technical aspects of the gas system's full value chain. MARCOGAZ represents the interests of national and European gas associations as well as the individual gas companies' members spread across Europe. With the support of its working groups of technical experts, MARCOGAZ is actively involved in concrete initiatives and programs to ensure the sustainable, safe and efficient development of natural gas and new gases including Hydrogen and Biomethane and the sector integration in Europe. and with users and other interested parties.

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Business Development Involvement

Our conference is ideal platform to acquire new customers and strengthen relations with existing ones.

By getting involved you get direct access to decision makers and qualified buyers in your target market.

We take our time with you to model the type of your involvement options to maximize measurable return on your advertising, business development, promotion and marketing investments.

Complimentary Passes

You will be allocated specific number of complimentary tickets for your organization, which will ensure you adequate coverage for all business opportunities on site. Alternatively, you can allocate some of these tickets for your clients to come and attend the event and benchmark themselves against their major competitors.

Speaking Slot

You will be allocated a slot on the main conference program to make a presentation / client case study. This exclusive opportunity is limited to selected number of solution providers and will give you the platform to inform all the delegates about your business solutions and success within your business sector.

Company Profile on Agenda

Your company logo will be on event web-page with hyperlink to your profile. Short description of company profile will be included in forum agenda, which will be distributed via marketing campaign.

Delegate List

You will receive a pre-conference delegate list with full contact details 2 days prior to the event and then a final attendee list after the event. This is reserved exclusively for sponsors only and will act as a source of leads for your organization for the months to follow. It also helps sponsors to get prepared for specific solutions for face to face meetings during the conference.

Recognition in Brochure

You can hand over corporate brochure to all conference participants. Highlights of your solution and company profile will be displayed in the official conference program. As well as your company logo will be displayed on conference agenda for better customer awareness.

Business Development Options

VIP Package

€4.999

- Speaking slot
- 2 Passes for 2 days Virtual Event
- Logo exposure on all promotional materials
- Logo exposure on Prospero Events Group website with hyperlink to sponsor home page
- Logo on start screen and in between talks
- Logo on zoom invitation to delegates
- Participants list provided 2 days before the event
- Promotional video during the breaks
- Separate Virtual Room to network with participants during the break
- Sponsors can buy (additional) tickets with a 50% discount

Speaker Package

€2.799

- Speaking slot
- 1 Passes for 2 days Virtual Event
- Participants list provided 2 days before the event

Branding sponsor

€1.499

- Logo exposure on all promotional materials
- Logo exposure on Prospero Events Group website with hyperlink to sponsor home page
- Promotional video during the breaks (30 sec.)
- Logo on zoom invitation to delegate
- Logo on start screen and in between talks



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Prospero Events Group: PEG Europe s.r.o
Sales Contract

REGISTRATION FORM

PLEASE COMPLETE THIS FORM, SCAN AND SEND TO:

Business Development Manager

Reda Bernard

tel: +420 255 719 045

fax: +420 255 709 599

email: redab@prosperoevents.com



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Name
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Organisation

Address line 1

Address line 2

Postcode City

Phone Fax

VAT ID

Signature Date

This booking is invalid without a signature.

AUTHORISATION Signatory must be authorised to sign on behalf of contracting organisation.

VIP Package € 4,999

Speaker Package € 2,799

Branding Package € 1,499

Notes

Notes

CREDIT CARD

Please charge my:



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Diner's Club

Note: AMEX card payments can only be made online

Card Holder's Name

Card Billing Address

Card Number

CVC/CVV Number

Expiry Date

Signature

9TH PIPELINE MAINTENANCE & INTEGRITY MANAGEMENT

9TH PIPELINE MAINTENANCE & INTEGRITY MANAGEMENT is a unique event gathering industry experts specifically from Oil & Gas companies, Pipeline Owners and Operators, Gas TSOs, Refineries etc. It creates an excellent & interactive platform for Energy leaders to share and brainstorm on common challenges, exchange their ideas and to network in an exclusive business friendly environment.

Sponsoring

Our conference is ideal platform to acquire new customers and strengthen relations with existing ones. By sponsoring you get direct access to decision makers and qualified buyers in your target market. We take our time with you to model the type of your sponsorship attendance to maximize measurable return on your advertising, business development, promotion and marketing investments.

For all enquiries regarding sponsoring the conferences please send an e-mail to sponsorship@prosperoevents.com

Terms & Conditions:

1. Fees are inclusive of conference attendance and programme material.
2. Payment Terms: Following completion and return of the registration form, full payment is required within 5 working days from receipt of invoice by email. PLEASE NOTE: payment must be received prior to the conference date. A receipt will be issued on payment. Due to limited conference space, we advise early registration to avoid disappointment. A 50% cancellation fee will be charged under the terms outlined below. We reserve the right to refuse admission if payment is not received on time. Unless otherwise stated on the booking form, payment must be made in Euros. VAT registered customer in Czech Republic is obliged to be charged with the Czech VAT of 21% (the Act no. 235/2004 "CZ VAT Act").
3. Cancellation/Substitution: Provided the total fee has been paid, substitutions at no extra charge are allowed up to 14 days before the event. Substitutions between 14 days and the date of the event will be allowed subject to an administration fee of equal to 10% of the total fee that is to be transferred. Otherwise all bookings carry a 50% cancellation liability immediately after a signed sales contract has been received by PEG Europe s.r.o. (CZ28187121), hereinafter Prospero Events Group, (as defined above) Cancellations must be received in writing by email, mail or fax six (6) weeks before the conference is to be held in order to obtain a full credit for any future Prospero Events Group conference. Thereafter, the full conference fee is payable and is non-refundable. Payment terms are five days and payment must be made prior to the start of the conference. Non-payment or non-attendance does not constitute cancellation. By signing this contract, the client agrees that in case of dispute or cancellation of this contract that Prospero Events Group will not be able to mitigate its losses for any less than 50% of the total contract value. If, for any reason, Prospero Events Group decides to cancel or postpone this conference, Prospero Events Group is not responsible for covering hotel or other travel costs incurred by clients. Prospero Events Group shall assume no liability whatsoever in the event this conference is cancelled, rescheduled or postponed due to a fortuitous event, Acts of God, an unforeseen occurrence or any other event that renders performance of this conference impracticable, illegal or impossible. For purposes of this clause, fortuitous events shall include, but not be limited to: war, fire, labour strike, extreme weather or other emergencies. The conference fee will not be refunded, but can be credited to a future conference. Event programme content is subject to change without notice.
4. Copyright: All intellectual property rights in all materials produced or distributed by Prospero Events Group in connection with this event is expressly reserved and any unauthorized duplication, publication or distribution is prohibited.
5. Data Protection: Client confirms that it has requested and consented to Prospero Events Group retaining client information on database to be used by Prospero Events Group and passed to selected third parties, to assist in communicating products and services which may be of interest to the client. If the client wishes to stop receiving such information, please inform Prospero Events Group by email info@prosperoevents.com. For training and security purposes, telephone calls may be recorded.
6. Important note: While every reasonable effort will be made to adhere to the advertised package, Prospero Events Group reserves the right to change event dates, sites or location or omit event features, or merge the event with another event, as it deems necessary without penalty and in such situations no refunds, part refunds or alternative offers shall be made. In the event that Prospero Events Group permanently cancels the event for any reason whatsoever, (including, but not limited to any force majeure occurrence) and provided that the event is not postponed to a later date nor is merged with another event, the Client shall receive a credit note for the amount that the Client has paid to such permanently cancelled event, valid for up to one year to be used at another Prospero Events Group event. No refunds, part refunds or alternative offers shall be made.
7. Consent to Data Processing – Direct Marketing via Email
In accordance with the General Data Protection Regulation of the European Parliament and Council of the EU 2016/679 (hereinafter as "GDPR") and in accordance with the act no. 480/2004 Sb. (coll.), on some services of the information company, I consent to:
Having my data (email that I have provided, hereinafter as "personal data") processed by PEG Europe s.r.o., Company registration no. 281 82 171, with its registered seat in Prague 10, at V Olšínách 1124/54, Postal code: 100 000, company registered under the laws of the Czech Republic within the Commercial Register administered by the Metropolitan Court in Prague, file no. C 131165, acting as a controller of my data pursuant to GDPR (hereinafter as "controller"), for marketing purposes, including, but not limited to: direct marketing and advertising, namely to sending commercial messages via email.
The withdrawal of the consent does not affect the legality of the processing in the ground of a consent given before such withdrawal. The personal data can be processed by processors on behalf of the controller, such as, software providers etc.
I have been instructed about my rights pursuant to GDPR, which are right to access my personal data, right to demand the correction, update or erasure of the same, right to eventually demand the restriction of my personal data where applicable, and right to object to the processing.
I have also been instructed about my right to withdraw the consent at any time by sending an email to: info@prosperoevents.com. The withdrawal of the consent becomes effective upon the receipt by the controller. When in doubt about the legality about my processing, I have also right to address the controller or to submit a complaint at the data protection authority, (The Office for Personal Data Protection) Úřad pro ochranu osobních údajů, (www.uouu.cz).