



YPPEUROPE

Young Pipeline Professionals Europe

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25th October 2023

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Young Pipeline Professionals Europe

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*“Don’t Just be in
the Industry, be a
Part of it”*

Who is YPPE?



The YPPE is a group of motivated young professionals, aiming to safeguard a sustainable future for the pipeline industry by:

- Educating young professionals about the pipeline industry
- Providing a network for knowledge sharing
- Fostering relationships between junior and senior professionals
- Creating leadership opportunities for the next generation of pipeline professionals
- Promoting pipeline industry careers

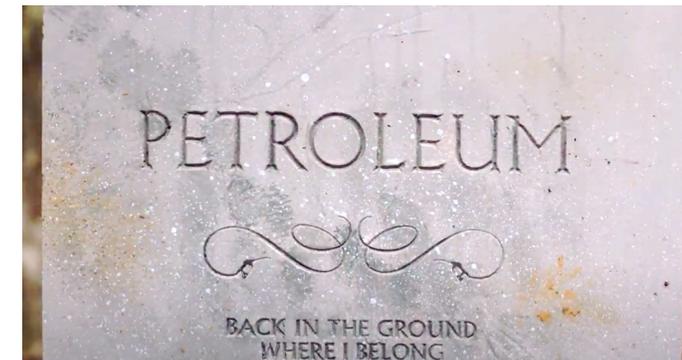


Why do we exist?



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- Pipeline industry is not an attractive “green” career for new graduates.
- Concerns around the consistency of the industry and careers in the future.
- Wave of new technologies and start-ups are disrupting industry.
- The majority of our pipeline networks are buried / out of sight – awareness of the infrastructure is poor.
- The retirement of industry experts who take with them the experiential knowledge gained over decades of learning business practices and managing processes.



The future of Engineering?



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Looking at the general picture:

- In 2015, according to Engineering UK, there is an annual shortfall of 55,000 engineers in the United Kingdom.
- In 2017, UK, USA, China, Germany and South Africa – experienced a mismatch in supply-demand in skilled engineers.
- According to a recent study by the German federal government, this shortage will increase in the coming decades. By 2030, a shortage of 3 million ‘skilled workers’ is expected in Germany.



Supply-Demand of Skilled Engineers



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Factors reported to contribute to skills gap development:

- Ageing workforce - By 2026, more than 91,000 engineers will have retired / close to retiring.
- Too few young people are studying STEM subjects - supply STEM graduates is insufficient to meet demand.
- Engineers move into non-engineering professions - In 2017 a third of people with engineering first degrees moved into other sectors.
- Engineering workforce is not receiving the right education for today's economy - new STEM qualified recruits lack soft and interpersonal skills.



1. Engineering UK: Engineering 2015 — The State of Engineering
2. CEDEFOP: Skill shortages in Europe. Which occupations are in demand – and why
3. Learning to grow: what employers need from education and skills: education and skills survey, institution for Engineering and Technology, 2015.

Is the Pipeline Industry Different?



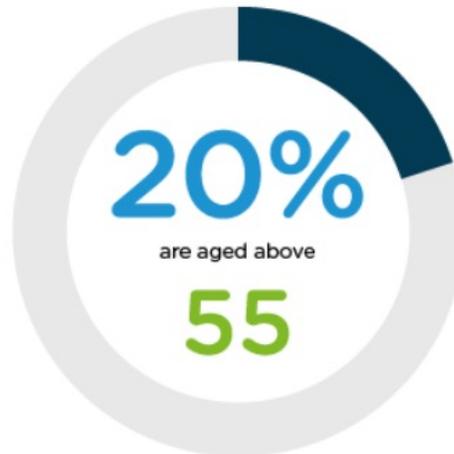
42%

in Europe

say the talent crisis
is already here

“The oil and gas sector is facing a
skills crisis...”

The Global Energy Talent Index (GETI)
report expects the situation to worsen
over the next five years, resulting in
increased costs and less productivity.



1. 2019 Global Energy Talent Index (GETI) report – Airswift and Energy Jobline
2. Oil and gas sector 'facing skills crisis' - BBC Scotland - 22 January 2019

Addressing the Shortfall



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In North America

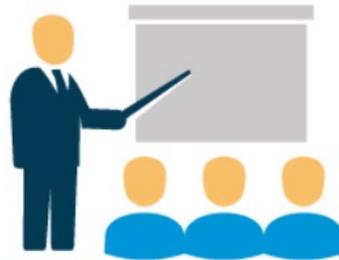
54%



say the best way to attract the right talent is to change the perception of the industry

In Europe

20%



say that the best way to attract talent is to offer better training, providing workers with more rounded skill-sets

In Australasia

35%



believe that the best way to attract the talent most beneficial to them is to offer more flexible working solutions

The skills gap is a problem that money alone can't solve:

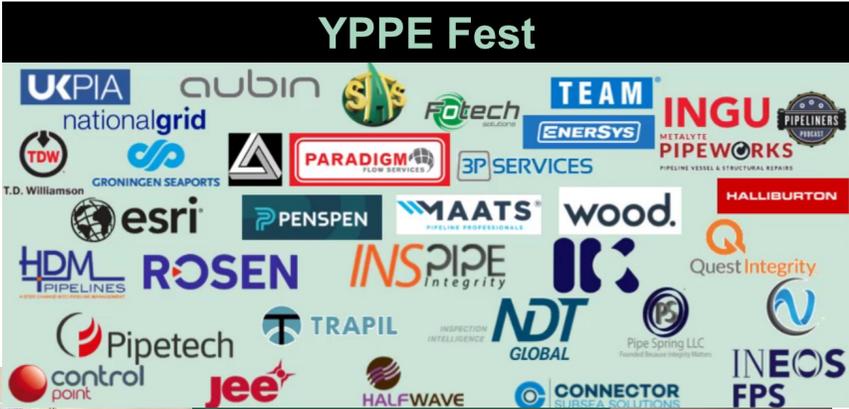
- The perception of the pipeline industry needs to change – they are a key infrastructure in a green future.
- “... the desires of young people are different, with only 30% of those aged under 25 believing that higher pay effectively attracts talent.”
- Investment in education is one of the best business decisions an organization can make in order to better serve customers, remain competitive, and attract top talent.
- For some generations, the work-life-balance might be more critical or the options to develop within the company.

What do we do?



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- Site visits
- Hosted webinars for knowledge transfer
- Presented at conferences to raise awareness
- Collaborated with universities to engage students



A Word from the Wise

Alastair Maclachlan
a consultant with over 30 years' of experience in the pipeline industry shares real life examples and novel solutions to get a better appreciation of risk.

Episode 1 of 10

Maude

31st March at 1pm (BST)
www.ypppeurope.org

YPPEUROPE in

SUBSEA EXPO
21 - 23 February 2023, Aberdeen

Join us for
YPPE Social meet
at
OGV Taproom, Aberdeen
on
23rd February, 7 pm onwards

Danny Molyneux
Quest Integrity
Aberdeen, United Kingdom
YPPE Steering committee member

Marguerite Forde
Rosen Group
Newcastle, United Kingdom
YPPE Past Chair

Andrea Meneses
Rosen Group
Aberdeen, United Kingdom
YPPE Committee member

Denis McCourt
Repsol Sinopec Resources UK Limited
Aberdeen, United Kingdom
YPPE Committee member

Technical Time-Out

Structural integrity of steel pipelines: the girth weld as a weakest link (or not?)

Part of the YPPE technical webinar series

Prof. Stijn Hertele
Associate Professor at Ghent University

8th April at 11:30am (BST)
Register for the webinar:
www.ypppeurope.org

Young Pipeliners International



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- Community of practice
- Mentoring opportunities
- Breaking down barriers
- Young Professional impact recognition
- Created momentum for industry organization involvement
- Platform for presenting different solutions and creativity

Episode 161: YPP and the John Tiratsoo Award for Young Achievement with Tyler Tunic and Blake Villarrubia
pipelinerspodcast.com • 24 min read

YPP-Brazil Young Pipeline Professionals - Brazil YPP Mexico Young Pipeline Professionals Mexico YPI YPP USA Young Pipeline Professionals USA YPF YOUNG PIPELINERS FORUM YPPEUROPE Young Pipeline Professionals Europe

Tue, Mar 30, 11:00 AM - Wed, Mar 31, 12:30 AM BST [View event](#)
YPI Competency Webinar and Panel Session
Event by Young Pipeliners International

INGAA FOUNDATION 50 YEARS OF EXCELLENCE
YPI Young Pipeliners International
YPI WEBINAR
Natural Gas: Engaging In Conversations about the Fuel of the Future with INGAA Foundation's Advocacy Alliance

Join Our
WEBINAR-2
YPI Hydrogen Pipeline Webinar Series
NOVEMBER 9, 2022
12:00 PM CENTRAL TIME (US AND CANADA)
Kalen Jensen
ATCO always there, anywhere.



BUILDING THE NEXT GENERATION
Young Pipeliners International (YPI) offers a look at how its groups help and support the young pipeliners of today, with a focus on the USA, Canada and Mexico chapters.
What is Young Pipeliners International (YPI)? YPI is a forum where Young Pipeline groups from all over the world collaborate to their experiences and best practices. It is a vehicle to help the next generation prepare themselves for the transfer of duty of care in the pipeline industry. With many countries signed up to the Paris Agreement, committing to transition the energy landscape to Net Zero carbon emissions by 2050, it is the Young Pipeliners today who will spend the next 30 years of their working life leading this charge. The role of pipeliner is critical to this new global quest for humankind, and the current crop of YPI members will spend their careers safely executing this charge.
YPI membership currently consists of:
• Young Pipeline Forum (YPF), part of the Australian Pipelines and Gas Association
• Young Pipeliners Association of Canada (YPAC)
• Young Pipeline Professionals (YPP) USA
• YPP Nigeria
• YPP Brazil
• YPP China
• YPP Europe
• YPP Mexico
• YPP Malaysia
• YPP India



How can you Support?



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Supporting YPPE and the industry means being more than a financial sponsor!

- Ensure that pipelines are a diverse and inclusive place to work where senior leaders listen to the perspective of young pipeliners.
- Provide ongoing access to senior technical leaders and improve pipeline industry knowledge transfer.
- Provide guidance on common issues in the industry.
- Enable access to industry opportunities and professional development.
- Encourage your pipeliners, young and old to “be a part of the industry, not just in it”.

Join Us!



Young Pipeline Professionals Europe

26 & 27th
October 2023

Pipelines of the Future

Central London



YPPE Mini-Conference 2023

With Industrial Visit to T.D. Williamson



Young Pipeline Professionals Europe

Exclusive UKOPA offer



Young Pipeline Professionals Europe

Calling out to all Young Pipeliners from UKOPA member companies

10 Tickets available



YPPE Mini-Conference 2023

With Industrial Visit to T.D. Williamson

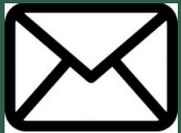
Thank you for listening



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