

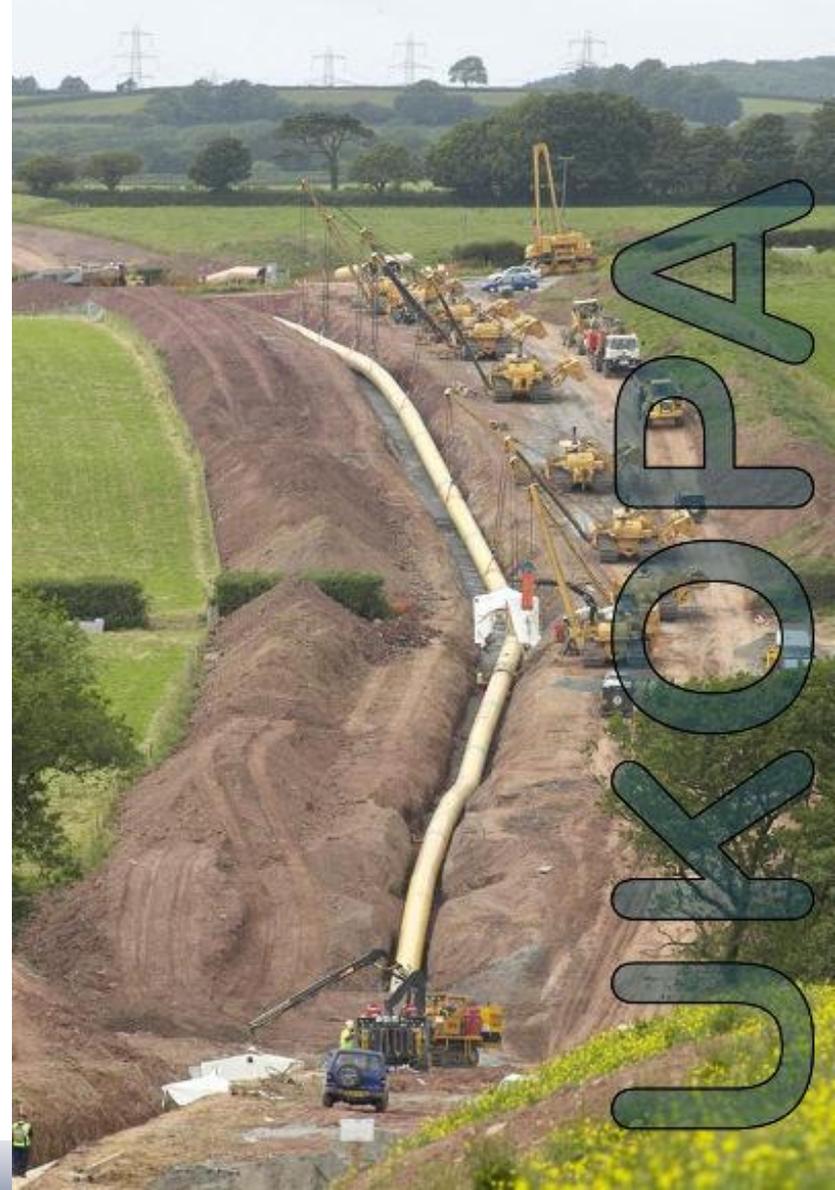
# UKOPA

United Kingdom Onshore Pipeline Operators' Association

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## FARWG Update 8<sup>th</sup> October 2024

Darren Cushen - WWU  
FARWG Chair



# FARWG – Current Membership

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|------------------------------|--------------------------------|
| 1. Darren Cushen             | Wales & West Utilities (Chair) |
| 2. Nikki Barker              | PIE (Secretary)                |
| 3. Richard Price             | BPA                            |
| 4. Richard Vickrage          | Cadent                         |
| 5. Lewis Hancock             | Cadent                         |
| 6. Freya Matthews            | Cadent                         |
| 7. Stephen Humphrey          | Exolum                         |
| 8. Lar English               | Gas Networks Ireland           |
| 9. Sean Patterson            | Ineos FPS                      |
| 10. Jody Harrison            | National Gas Transmission      |
| 11. Kristina Wood            | Northern Gas Networks          |
| 12. Jennifer Stant           | SGN                            |
| 13. Fridolin Jenny           | Swissgas                       |
| 14. Daniel Milne             | Valero                         |
| 15. <i>Michael Acton</i>     | <i>DNV</i>                     |
| 16. <i>Karen Warhurst</i>    | <i>DNV</i>                     |
| 17. <i>Graham Goodfellow</i> | <i>PIE</i>                     |

## 2024 Meetings

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- ~~○ 9<sup>th</sup> January – DNV Loughborough~~
- ~~○ 2<sup>nd</sup> May – DNV Loughborough~~
- ~~○ 10<sup>th</sup> September – IGEM House~~

## 2025 Meetings

- 14<sup>th</sup> January – DNV Loughborough
- 29<sup>th</sup> April – Warwick TBC
- September TBC

# 2024 Workload

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- **River Xing Management & Remediation**
  - The subgroup will look to develop a decision tree to help identify the type of things to consider when identifying 'at risk' pipelines the group will then present back to the FARWG.
  - PIWG and EPRWG will be kept informed to ensure a joint approach.
  - A small group of 3 members has been identified please advise if you would like to be part of this work.
  - Meeting to be held before end of the year.
- **Qualitative Risk Assessment for above-ground xings**
  - No further work required for now
- **Support IGEM/TD/2 Update – With TCC to publish (no date given).**
- **Guide to IGEM/TD/1 Ed. 6 H area (TBN)**
  - This will now move to 2025, and the scope is to look at the work and calculations done for the TD/1 rewrite and give a guide on H and T area interpretation with some defined limits.

# 2024 Workload

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- **Development of TBN/GPGs**
  - There is 1 GPG due for review in 2024
  - There are 5 TBNs up for 5-yearly review in 2024
- **H<sub>2</sub>/CO<sub>2</sub> Projects**
  - Watching brief
- **Other**
  - 2 blog posts approved and published
  - Number of data requests from members

# GPG/TBN's



Ref	Title	Review Date
GP/025	Application of CBA to demonstrate ALARP	2024
<b>TBN/02</b>	<b>Managing Societal Risk for Gas Pipelines</b>	<b>2024</b>
<b>TBN/03</b>	<b>Managing Societal Risk for Ethylene Pipelines</b>	<b>2024</b>
<b>TBN/04</b>	<b>Managing Societal Risk for Oil Pipelines</b>	<b>2024</b>
<b>TBN/06</b>	<b>Managing Societal Risk for Gasoline Pipelines</b>	<b>2024</b>
<b>TBN/07</b>	<b>History of Land Use Planning</b>	<b>2024</b>

- GPG/025 – Minor changes recommended – update to VPF for inflation (and update examples), include a note on reverse ALARP, 3 references need updating plus minor editorial changes
- TBN02 – Minor updates, align wording with TD/2 ed3 and reference GPG025
- TBN03 – Minor updates for clarification, but needs ethylene operators to confirm approach is still followed
- TBN04 – This document (on oil pipelines) needs to be located??
- TBN06 – This is a summary of historical work only so does not need updating
- TBN07 – This is a summary of historical work up to 2015 only. Does this need updating to add anything further (UKOPA have not been made aware of any). Spreadsheet to be recirculated

# 2025 Workload

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- River Xing Management & Remediation
- QRA screening tool
  - Following the TD/1 & TD/13 seminar there is a need to produce a guide on when a QRA would be required and when another method may be better suited.
- H and T area interpretation
  - Applying some figures and calculations to H and T area to give defined limits (members only)

# 2025 Workload

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- Product Loss & Fault Database
  - Potential need to update the database as currently running on excel
  - Options to be considered including a move to Access to help streamline the reporting
- Potential for a H<sub>2</sub> signpost document
  - A signpost document to the latest thinking and information on hydrogen QRA's etc. TBC
- **The GPG are there to help the member companies. What are the issues operators are facing and how can we help?**

# IGEM/TD/2 Update

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- Panel Chaired by Mike Acton (DNV)
- Representatives from
  - IGEM
  - NGN
  - SGN
  - WWU
  - HSE Science Division
  - DNV
  - PIE
- Progress to date
  - With TCC to publish
  - Mike Acton will be presenting the work in November at the Hazards conference in Manchester

# Updated FARWG TOR's 2024

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## Aim

- The aim of the UKOPA Fault and Risk Assessment Working Group (FARWG) is to provide information and expert opinion, direction and guidance on pipeline fault data and risk assessment to UKOPA members and industry stakeholders.

## Objectives

The objectives of the FARWG are:

- i. To share knowledge and good practice on pipeline fault data and risk assessment between UKOPA members.
- ii. To produce and maintain pipeline fault data and risk assessment good practice guides and technical briefing notes.
- iii. To raise awareness of pipeline fault data and risk assessment with key industry stakeholders.
- iv. To review, interpret, consult and help shape Regulators' proposals for pipeline risk assessment methodologies (inc fault data collection, risk criteria definitions, land use planning and pipeline routing) and industry standards.
- v. To represent UKOPA, where appropriate, on external pipeline risk assessment forums.
- vi. To manage the industry pipeline fault database and collect relevant data.

# Product Loss & Fault Data Report

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- Inclusion of length of ILI/CIPs in data request going forward
- Why do we collect the information and its importance
- Product Loss & Fault Data Report

# Any Questions?

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