Fault and Risk Working Group (FARWG) Update

February 2020

Simon Joyce – FARWG Chair
Engineering Policy Manager - SGN

FARWG – Current Membership

1.	Simon Joyce	SGN (Chair)
2.	Nikki Barker	PIE (Secretary)
3.	Ryan Bentley	Cadent
4.	Kristina Brazenaite	Northern Gas Networks
5.	Dave Brown	Essar
6.	Daniel Dowling	Gas Networks Ireland
7.	Neil Clarke	Valero
8.	Darren Cushen	Wales & West Utilities
9.	Stephen Humphrey/John Potts	CLH-PS
10.	Fridolin Jenny	Swissgas
11.	Graham Pailor	Sabic
12.	Steve Potts	National Grid
13.	Richard Price	BPA
14.	Nick Procter	Wood Group PSN
15.	Antonio Caraballo	Ineos
16.	*Mike Acton*	*DNV GL*
17.	*Graham Goodfellow*	*PIE*
18.	*Rod McConnell*	*Independent consultant*

Summary

- ❑ 2020 Meetings:
  - ❑ 14th January – BPA, Kingsbury
- ❑ Key activities in 2020:
  - ❑ Develop TBN/GPGs.
  - ❑ Leak & Fault Database Update.
  - ❑ Product Loss 2019 report.
  - ❑ Review FR1 process and form.
  - ❑ Review of FARWG terms of reference and strategy.
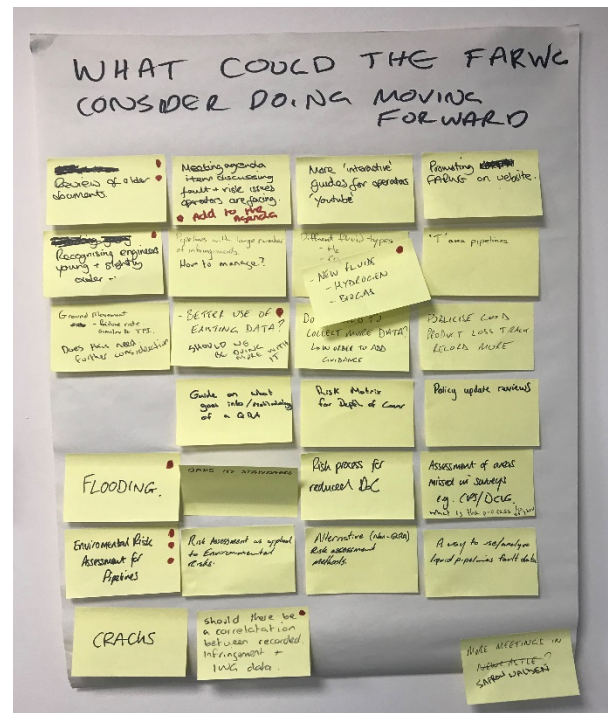
Good Practice Guides

Good Practice Guides		Complete	Progress
1	GPG Environmental Risk Assessment for Pipelines.	10%	Outline being drafted.

TBNs

	Technical Briefing Note	Complete	Progress
1	Collecting & Reporting Fault Data (incl.FR1 form)	85%	Data structure reviewed and fault collection seminar in 2019. End of Feb 2020 for comments.
2	Effect of Pipeline Surveillance on Risk	95%	Governance
3	Oil Pipelines Drain Down Study	90%	Draft with Graham Goodfellow and Richard Price before FARWG review.
4	Managing Encroachment & Societal Risk for Oil Pipelines	50%	TBN to be drafted for May 2020
5	Capturing & Monitoring Population Density	-	FARWG decided to not publish this document due to lack of necessity. History of document development to be uploaded to the member centre.

2020 FARWG Review

❑ 14th January 2020 - Workshop to ascertain the views on the ongoing strategy of the FARWG.

❑ Strong feedback from the working group.

2020 FARWG Review

❑ Some of the main points raised:

    ❑ Regular review of older documents.

    ❑ Fault and risk moment to start each meeting. Challenges?

    ❑ GPG Environmental Risk Assessment for Pipelines.

    ❑ Better use of our data – Should we be doing more?

    ❑ Terms of Reference update.

    ❑ More interactive guides. Promotion of FARWG

    ❑ Risk matrix for depth of cover issues.

    ❑ Recognition of engineers.

    ❑ Assessments on flooding.

    ❑ Hydrogen/biogas.

    ❑ More correlation between recorded infringement data and fault and risk data.

    ❑ T-Areas

FR/1 Update

❑ FR1 Update

   ❑ 19th June 2019 meeting.

   ❑ Database clean-up needed.

   ❑ Draft TBN has been written for a guide for FR1 capture with new form.

      ❑ Clearer on the requirements.

      ❑ Reduce the number of comments

      ❑ Uniform approach – Inclusion into the new Gas Industry FAULT/1 document.

      ❑ Modifications – Changes include: Area classification, coatings, specific locations, repair methods, etc.

      ❑ The classification of dents & gouges based on COOLTRANS project & ISRU report.

      ❑ Appendix D – Do you want it?

   ❑ Draft TBN is out now for comment. Deadline end of February 2020. Publish for March 2020 for 2019 data collection.

UKOPA Award - Newcastle University

- ❑ Annual UKOPA award for the best performing student on the Newcastle University MSc pipeline course.

- ❑ The 2019 award winner was Merve Gundogdu.

- ❑ Presented to Dr Maryam Haroutunian at the School of Engineering at Newcastle University on behalf of Merve.

FARWG Ongoing Agenda Items

- ❑ Land Use Planning issues.
- ❑ Revised 2020 TD/2 for comment
- ❑ Development of Environmental CBA to demonstrate ALARP GPG
- ❑ Take key points from the FARWG review and implement.

FARWG Meetings 2020

- Tuesday 5th May – DNV GL Loughborough

- Tuesday 8th September – CLH PS Saffron Waldon

UKOPA Product Loss Incidents and Fault Report

❑ 2018 report is available.

❑ Graham Goodfellow will now run through key points from the report.

❑ After his presentation, we want you to look through the 2018 Product Loss Report on your tables and discuss the following:

    ❑ Have you read this report before?

    ❑ What do you think of the information within it?

    ❑ How could it be improved?

    ❑ Could we present the data in a different way?