



UKOPA

An introduction

UKOPA background

- ❑ UKOPA formed in 1996/7
 - ❑ Member driven organisation
 - ❑ Recognised by HSE as key stakeholder
 - ❑ Number of members – 21
 - ❑ Around 27,000km of pipeline

- ❑ Managed changes
 - ❑ Formation of separate Gas Distribution companies

UKOPA Mission Statement

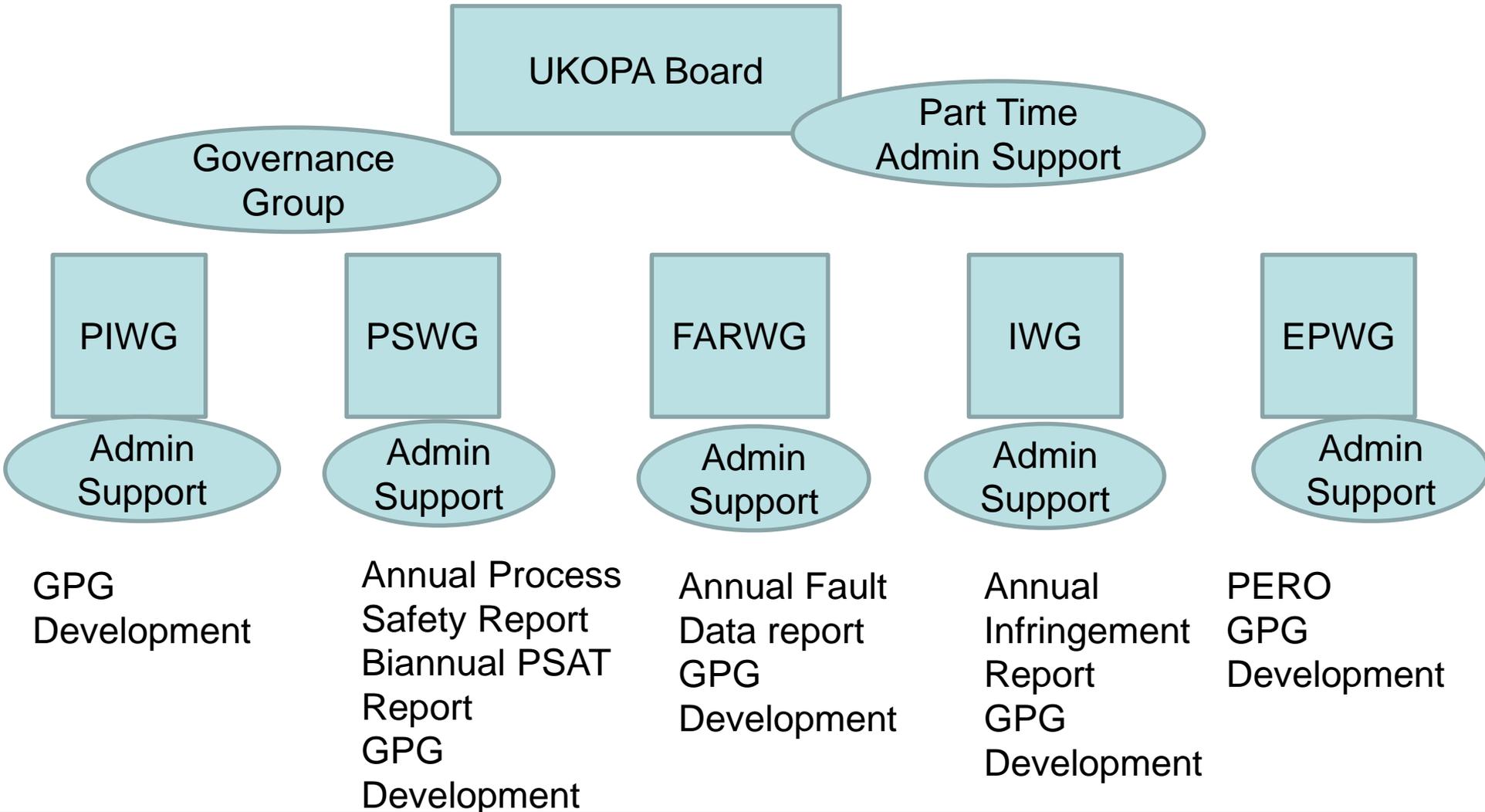
“**UKOPA** exists to provide the recognised and authoritative view of UK Pipeline Operators on strategic issues relating to safety and integrity management and operations of pipelines.

UKOPA seeks to effectively influence the development and implementation of pipeline related legislation and standards for the mutual benefit of stakeholders, to promote best practice in the pipeline industry and to provide expert support to its membership.”

Membership



UKOPA Operating Model



Meetings

- ❑ Two members meetings per year
- ❑ One Technical Seminar per year
- ❑ Ad-hoc workshops and sharing sessions
- ❑ Working group meetings (2 -3 per year per working group)

Process Safety Working Group

- ❑ Development of process safety KPIs for Pipeline Operators
- ❑ Development of Process Safety Questionnaire
- ❑ Management of Bi-annual survey. Report issued giving comparison with industry average and best / worst scores
- ❑ Development of Pipeline Technician training programme

Infringement Working Group

- Collation and reporting of annual pipeline infringements
- Data analysis and strategy development for industry intervention
- Engagement with third-party stakeholders
- Increasing third-party awareness of pipelines

Emergency Procedures Working Group

- Development and management of Pipeline Emergency Response Officer (PERO) training course
- Development of emergency response testing documents for Local Authorities
- Development of standard Emergency Planning distances for different products

Risk Assessment Working Group

- ❑ Codifying pipeline societal risk assessment (BS8010 Pt3 / IGEM TD2)
- ❑ Development of probabilistic models for critical inputs to QRA models
 - ❑ Failure rate data
 - ❑ Corrosion models
- ❑ Collation of annual fault data. Analysis and reporting of trends

Pipeline Integrity Working Group

- ❑ Identify and document good practices in pipeline integrity management and defect assessment
- ❑ Good Practice Guides for
 - ❑ Management of shallow depth of cover
 - ❑ Management of dents
 - ❑ Management of sleeves
- ❑ Methodology for assessment of dents with fatigue
- ❑ Assessment of pre-1970s weld quality

Why seek collaboration with EPRG?

- ❑ 2015 strategy review asked members what they wanted UKOPA to focus on
- ❑ Building relationships with other organisations was seen as highly desirable by member organisations in order to:
 - ❑ Leverage existing research
 - ❑ Ensure continuity across the industry
 - ❑ Target our resources in areas of highest 'return'