

UKOPA

United Kingdom Onshore Pipeline Operators' Association

Fault database October 2007

UKOPA/07/0069

Risk = Probability x Consequence

- **Consequence, established models**

- **Probability**

- **Based upon records of historical pipeline failures**

**US Gas Transmission
CONCAWE
EGIG**

In 2007

- **Published 2006 failure data**
- **Develop and publish damage statistics**
- **Completed confidentiality agreements**

EGIG 1970-2004

Overall **0.41** releases per 1000 km year (0.43)

5 year rolling average **0.17** releases per 1000 km year (0.21)

UKOPA 1962-2006

Overall **0.248** releases per 1000 km year (0.263)

5 year rolling average **0.028** releases per 1000 km year (0.028)

2007-08 plans

- Develop and publish damage statistics**
- Establish Fault database user group**
- Inclusion of other pipelines**
- Requests from the risk assessment work group**
- Promote best practice in the pipeline industry**

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QUESTIONS