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**Risk Assessment Work Group
Updates**

UKOPA/07/0068

RAWG Main Developments since last UKOPA meeting in February

- RAWG meetings on the 28th February, 14 May and the 14 August
- A log of technical issues has been created which has facilitated progress tracking
- Current focus of the group is on progressing a number of specific technical issues with the HSE (see final slide) and the publishing of the TD/1 and PD8010 technical supplements
- Neil McNaughton (Ineos) has responded on behalf of UKOPA to the HSE's consultation document - **Proposals for revised policies for HSE advice on development control around large-scale petrol storage sites**

RAWG Main Developments since last UKOPA meeting in February cont'd

- Significant comments had been received from AFAA on the PD8010 Technical Supplement
- In order to provide an appropriate response on these comments to BSi a special meeting was arranged at Tebay on the 24th September
- BSi remain supportive of the PD8010 supplement and have set up a special working group, which includes HSE representation, to expedite addressing the outstanding comments
- The TD/1 supplement will be amended to ensure consistency between the PD8010 supplement and the TD/1 supplement
- Currently anticipated that the supplements will be ready for publication towards the end of the year

RAWG currently focusing on progressing agreements with the HSE on the following technical issues

- Predictive modelling of pipeline failure rates
- Physical pipeline protective measures e.g. slabbing
- Impact of ground movement
- Ethylene pipelines corrosion and mechanical damage
- Non natural gas pipelines corrosion and mechanical failure rate variation with wall thickness
- Effect of depth of cover on pipeline failure predictions
- Use of CONCAWE failure rates for gasoline/oil pipelines
- Ignition probabilities
- QRA methodology for gasoline pipelines