



EPWG Update

February 2019

Andy Middleton

EPWG Update

PERO

- New contract
- 2019 Schedule

EPWG Updates

- Meetings
- Large Construction Projects
- UKOPA Hazard Awareness Course
- What's next?



PERO

- ❑ Developed by UKOPA for UKOPA members
- ❑ No reductions as run at cost
- ❑ 2018 – 8 Courses, 94 attendees
- ❑ 2019 – 8 Courses, 4 already fully booked
- ❑ Continued support from UKOPA Members
- ❑ Feedback remains very positive
- ❑ New material being used
 - ❑ Updates to takeaway material underway
- ❑ Supported by the two UKOPA facilitators
 - ❑ Tony Taylor & Donal Cullen



PERO

2018

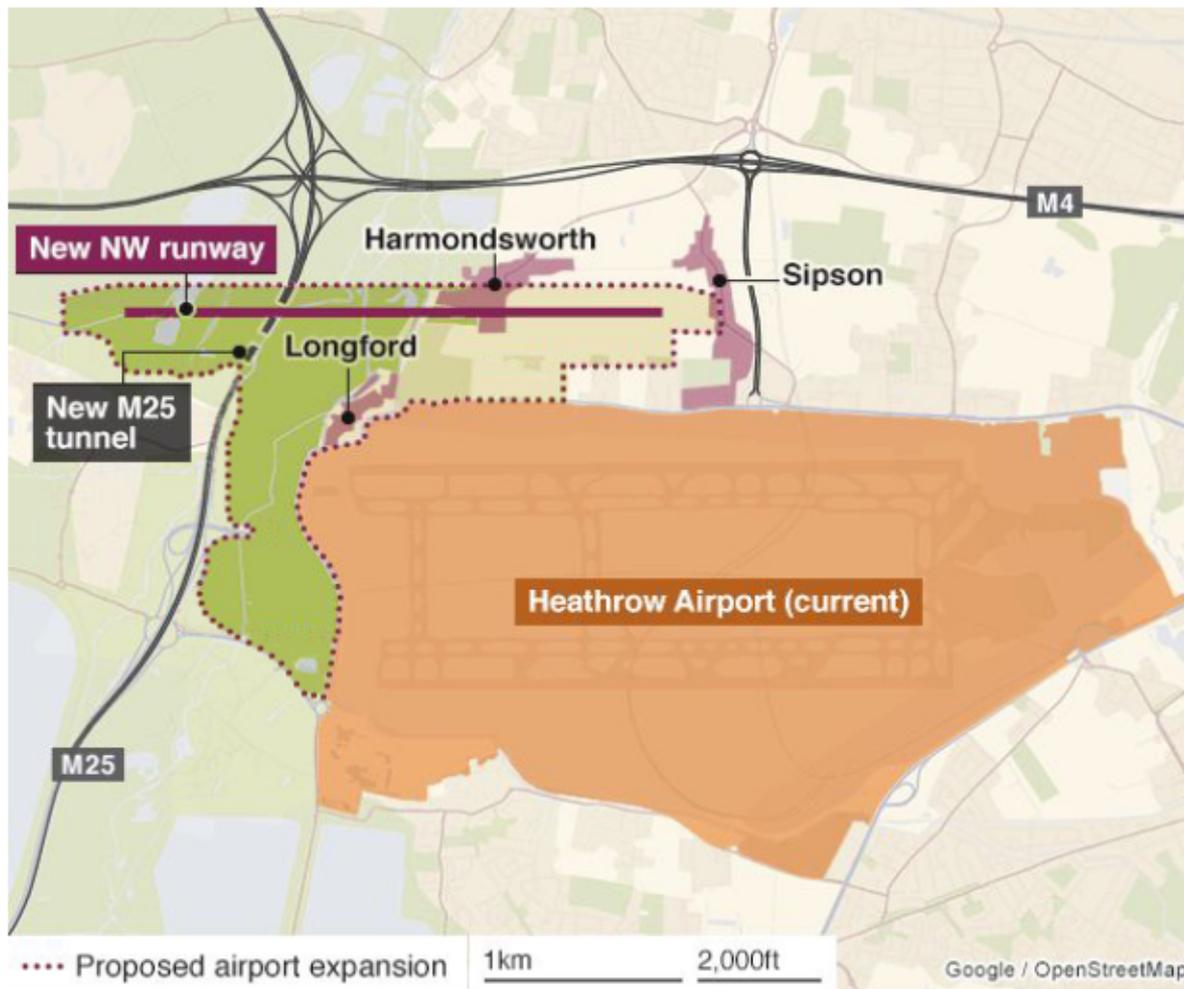
| | | | | | | | |
|--|--|--------------------------------------|--|--|--|--|--------------------------------------|
| April | April | June | June | Sept | Oct | Nov | Dec |
| 17th/18th | 24th/25th | 5th/6th | 26th/27th | 11th/12th | 23rd/24th | 20th/21st | 5th/6th |
| 11 | 12 | 12 | 11 | 12 | 12 | 12 | 12 |

2019

| | | | | | | | |
|-----------------|--|--------------------------------------|--------------------------------------|--------------------------------------|--|--|-----------------|
| February | April | May | June | Sept | Oct | Nov | Dec |
| Today! | 10th/11th | 8th/9th | 4th/5th | 3rd/4th | 15th/16th | 19th/20th | Date TBC |
| 12 | FULL! | FULL! | FULL! | New Date | New Date | New Date | |

Contact UKOPA (Nikki) to book your place

EPWG Update



Source: Airports Commission



HS2

- ❑ Massive impact on gas infrastructure in Leeds and surrounding areas
- ❑ GEM documents do not allow MAHP in these areas
- ❑ **Heathrow Expansion**
- ❑ No appropriate risk assessment methodology exists
- ❑ Will require huge resource to manage
- ❑ Working groups good forum to share technical issues

EPWG Update

- Development of UKOPA Hazard Awareness Training Course with DNV-GL



EPWG Update

Confined, Vented Gas Explosion

A steel chamber is filled with propane/air mixture. The gas mixture is then ignited allowing the delegates, standing in close proximity, experience the effect of the gas explosion and feel approximately 25mbar pressure wave. This demonstration can be varied to show the effects of having a lean mixture or a variation on the congestion.



EPWG Update

- ❑ **1 day course including;**
 - ❑ **Classroom session providing broad understanding of effects and consequences of Hydrocarbon releases**
 - ❑ **8 live demonstrations throughout the day including both liquids and gas**
 - ❑ **Lunch & refreshments**
 - ❑ **Certificate of attendance**

- ❑ **25 delegates**

- ❑ **Thursday 26th September**

- ❑ **Cost ~ £650 per delegate**

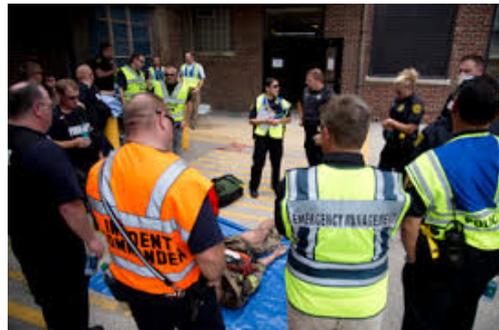
- ❑ **Gauge interest, run every 2 years**

- ❑ **Expression of interest contact Nikki!**



What's next?

- ❑ Continue to raise awareness of UKOPA Emergency Planning suite of documents (GPG 10/11/12) through Resilience Direct and Local Authority visits
- ❑ Learnings from Emergency Exercises and production of learning briefs
- ❑ Attendance at Emergency Planning Conference 2019 to bring back good practice that might need to be incorporate into PERO/Hazard awareness course



Emergency Planning Working Group

Andy Middleton

Nikki Barker

Andy Fuller

Bob Wilkins

Clive Zanker

David Butterfield

Ross Armstrong

Robert Greaves

Thomas Hawkesworth

Steve Carter

Scott Baird

Gary Redhead

Paul Boyle

Steven George

Northern Gas Networks (Chairman)

UKOPA (PIE Secretariat Support)

UKOPA (PIE Technical Support)

National Grid

BPA

CLHPS

SGN

National Grid

Sabic

Cadent

Shell

CATS

Essar

Esso

EPWG updates

❑ Next scheduled meetings

❑ 13th February 2019 - Kirby Lonsdale

❑ 26th June 2019 - BPA Bunsfield, Hemel Hempstead

❑ 2nd October 2019 – CLH-PS, London

Questions?