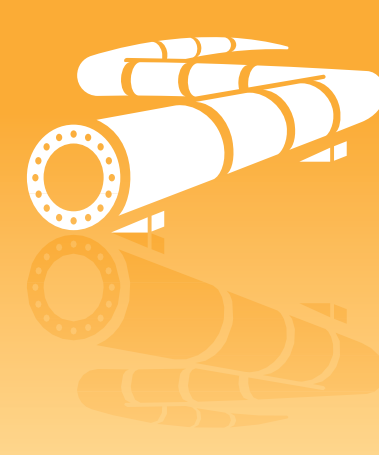


COPEX 2014

CONCAWE Oil Pipeline Operators
 Experience Exchange Seminar

Brussels, 3–4 April 2014



British Pipeline Agency Limited (BPA)

BPA is owned by Shell and BP. We manage onshore oil and gas pipelines in the UK and provide technical and engineering services worldwide. BPA was formed in 1975, employs 120 staff and has a turnover of around €43 M.

Peter Davis — Director & GM

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Website: www.bpa.co.uk



Engineering pipeline systems



Managing/operating pipeline systems

Pipeline systems operated

UKOP/WLPS/WGPC

Integrated multiproduct pipeline system comprising three separate systems:

- Approx. 700 km 6–14 inch steel pipeline
- 8 pump stations
- Approx. 10 Mt/a throughput

B-N Walsham

8 km gas condensate pipeline

POA-Connah's Quay

35 km gas pipeline

BGY

45 km x 12 inch gas pipeline

LAP

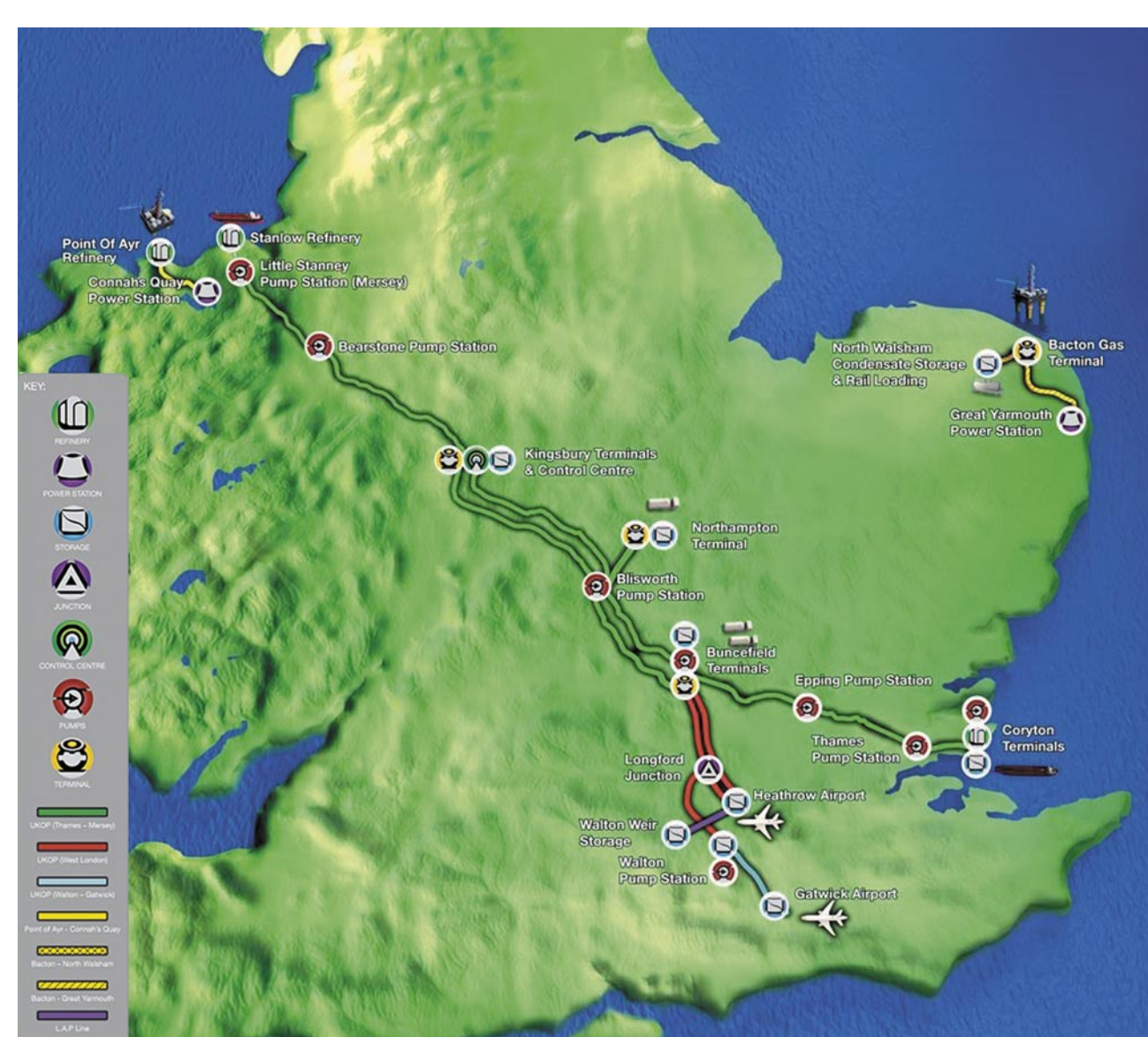
Twin aviation dedicated supply to Heathrow Airport

Current issues

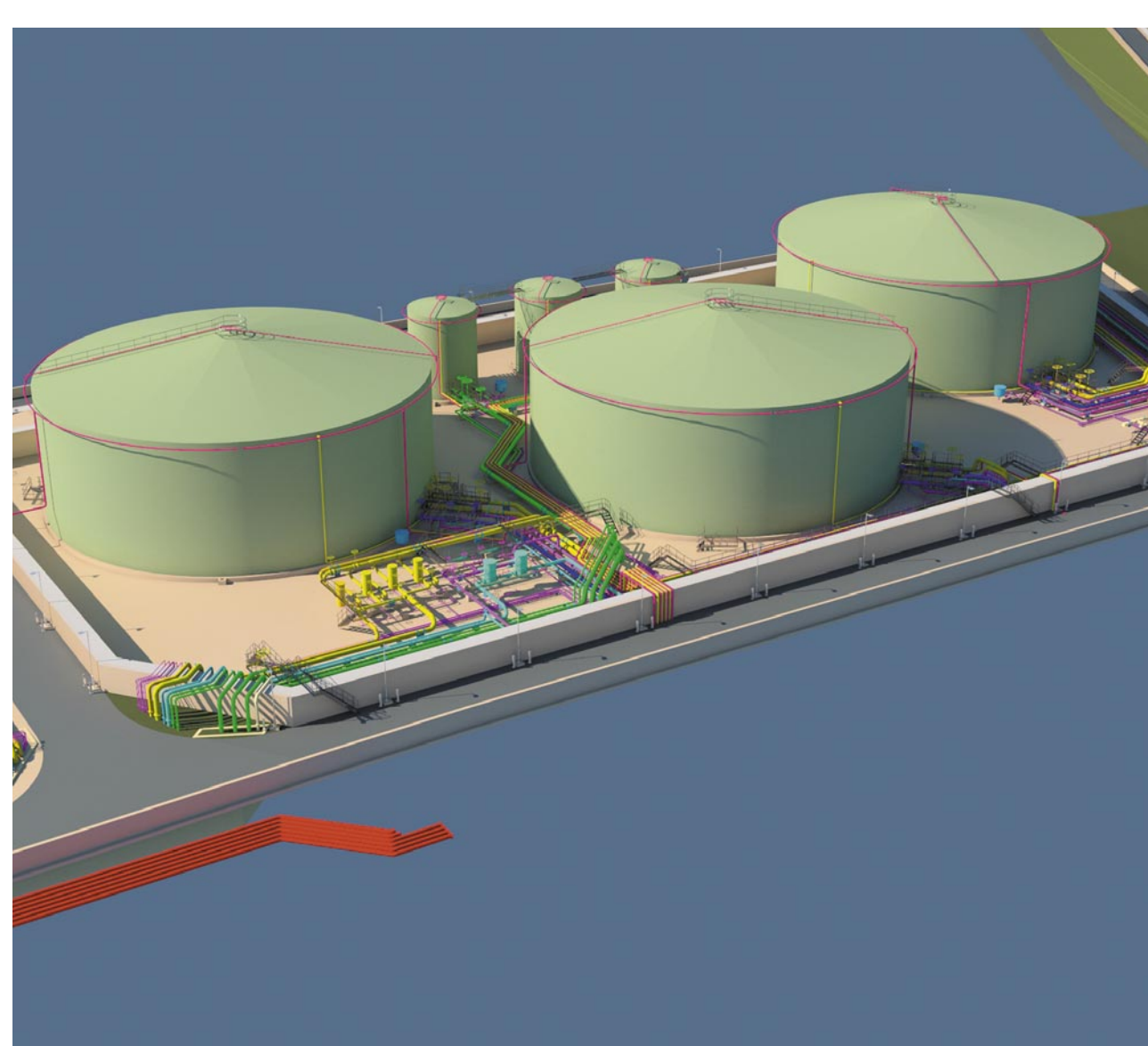
- Ageing asset—pipelines more than 45 years old
- Improvement in ILI reporting—more dents
- System upgrading due to age/standards
- Increasing regulatory requirements
- Rebuilding of Buncefield (following a fire)
- Skills shortage



Pipeline dent—investigated and repaired



The UK pipelines managed by BPA



The redevelopment of the Buncefield terminal by BPA