

PETF – Turnarounds Workgroup

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Session Outline

1 Group Structure

2 Why Turnarounds? Contribution to the UKCS PE Challenge

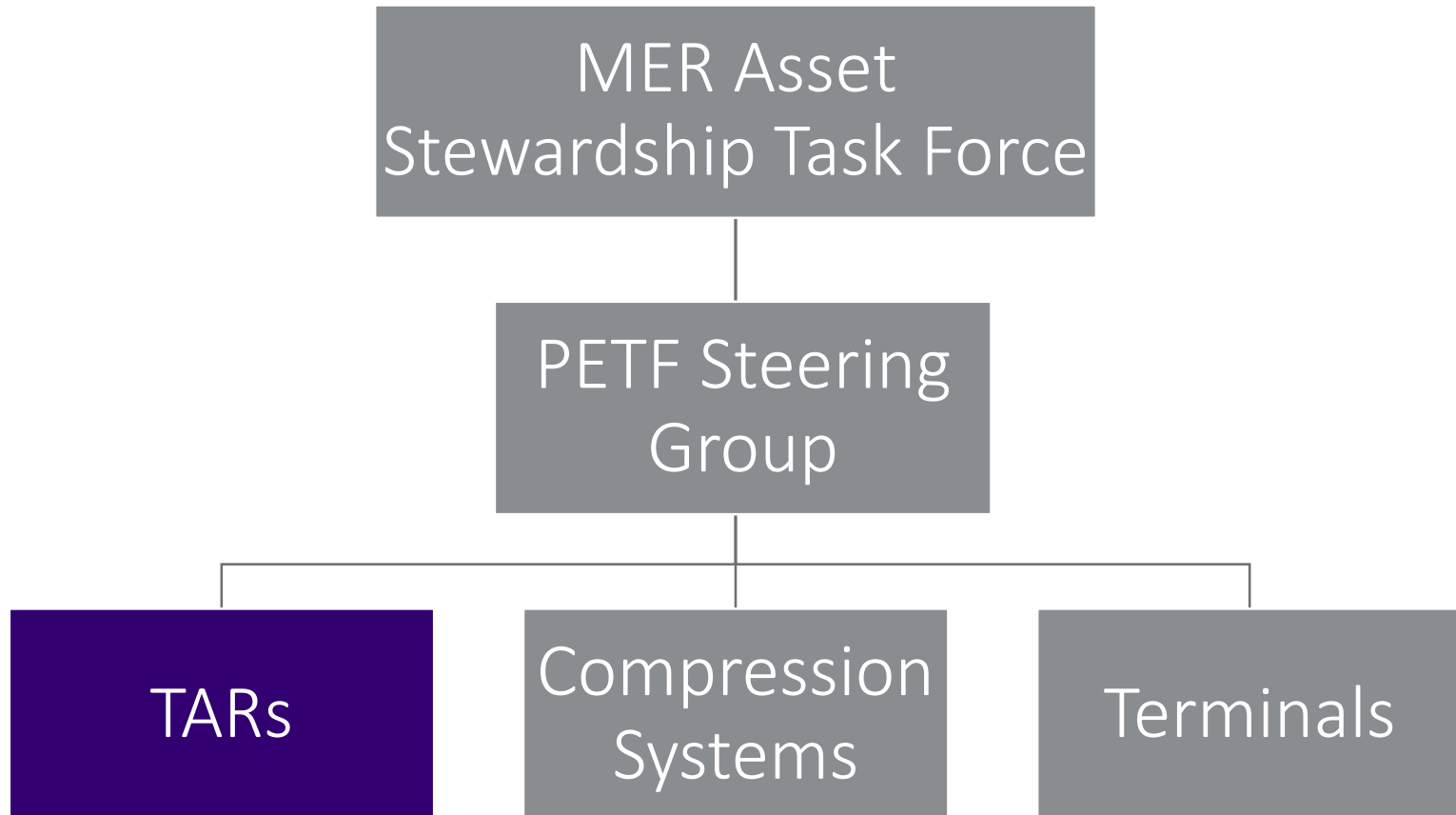
3 Cross Industry Action
Challenges, Progress & Success

4 What next? Call to Action

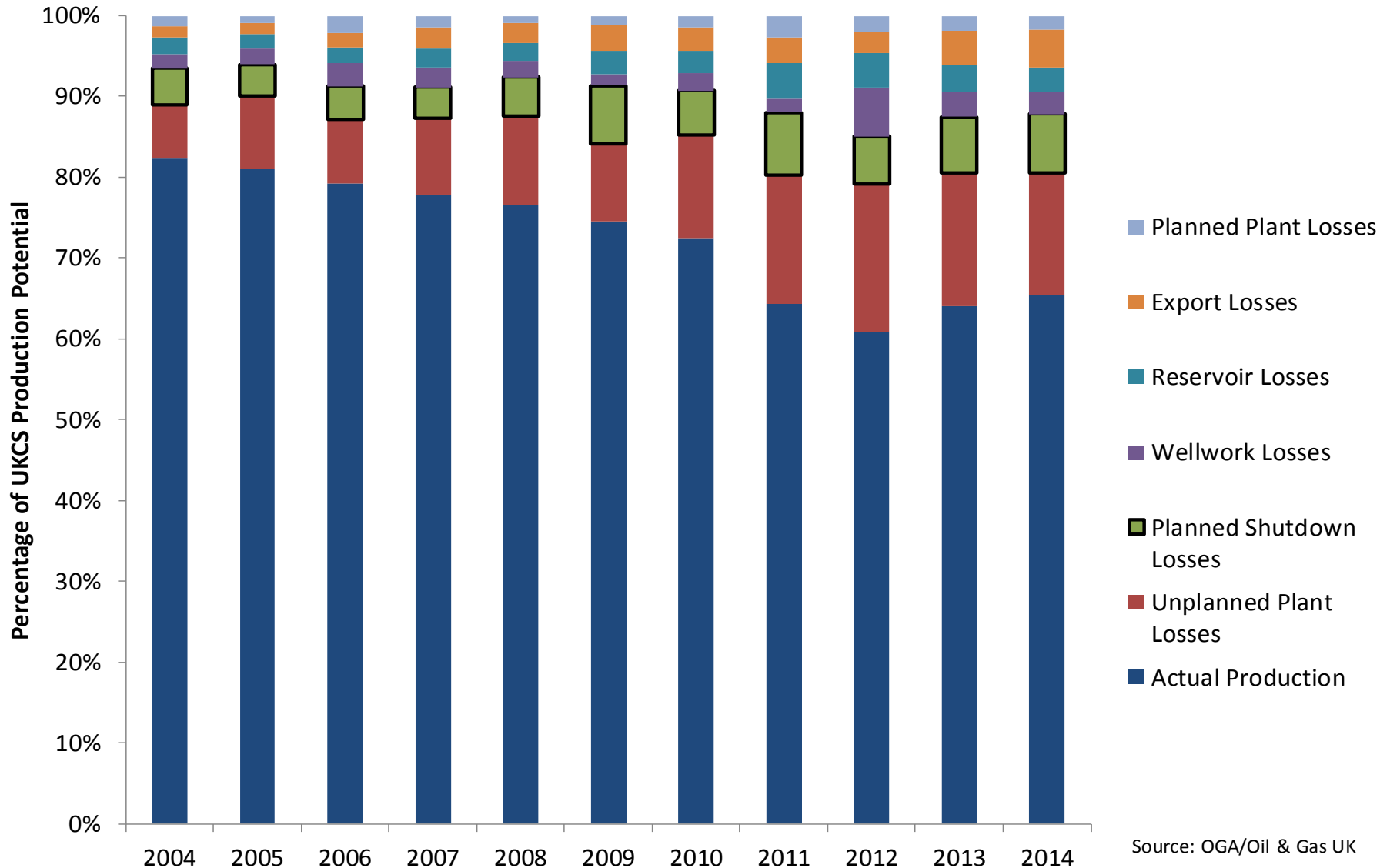
5 Discussion, Q&A

PETF Focus Areas and Governance

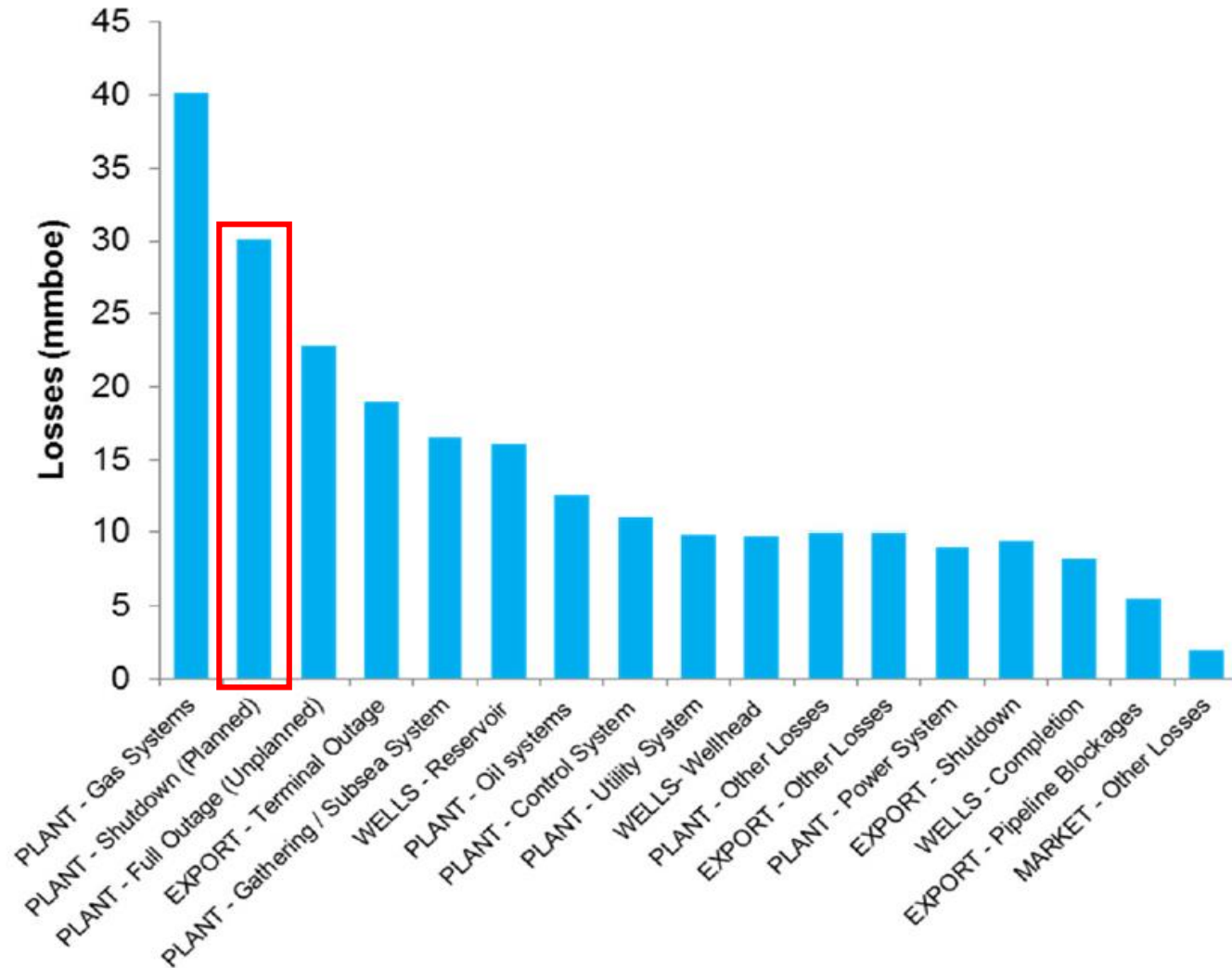
Turnarounds



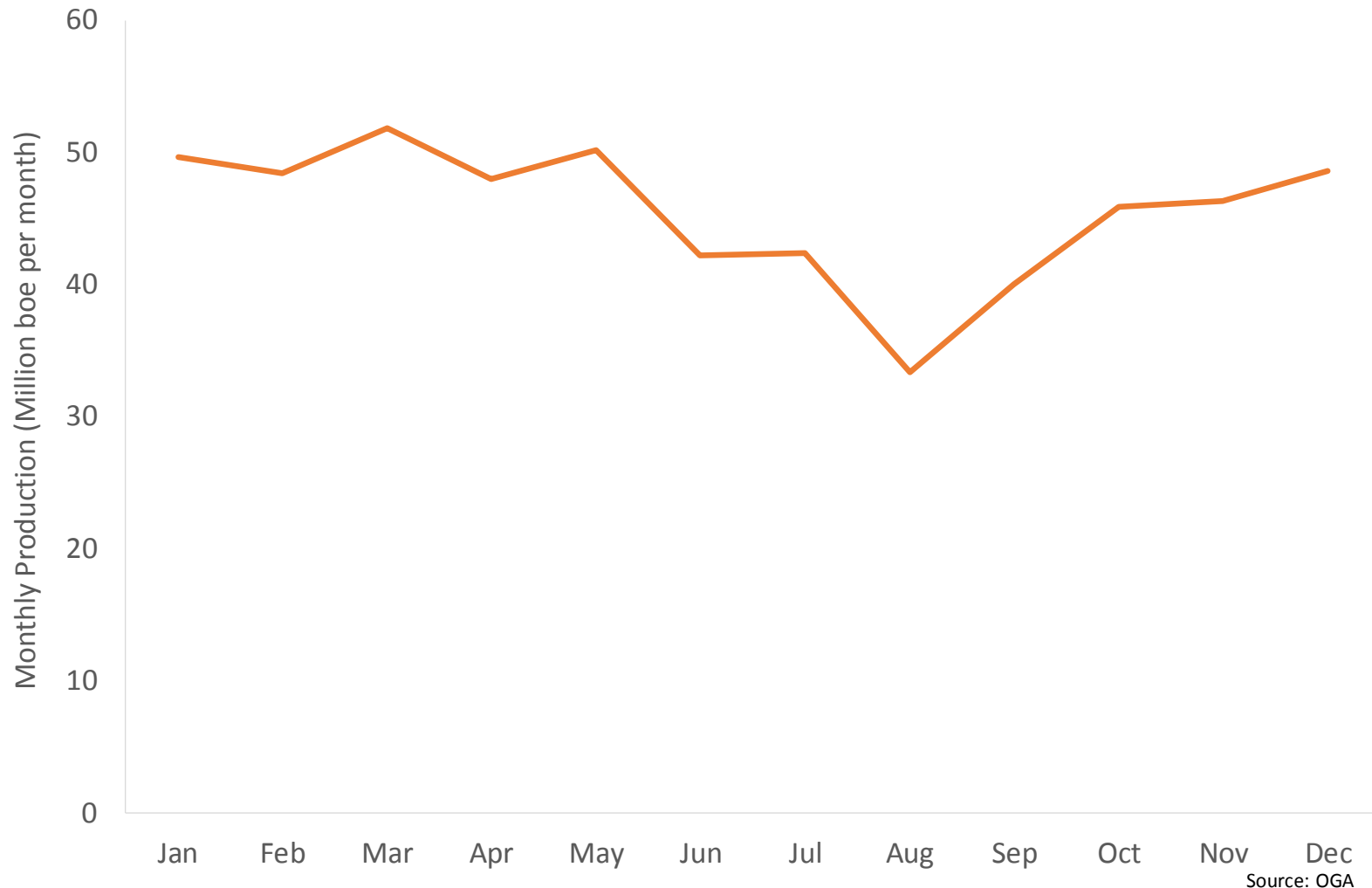
Shutdowns/TARs are a key PE driver



Planned Shutdowns were the second largest loss source in 2015



Impact of Shutdowns/TARs on UKCS Production Profile (2014)

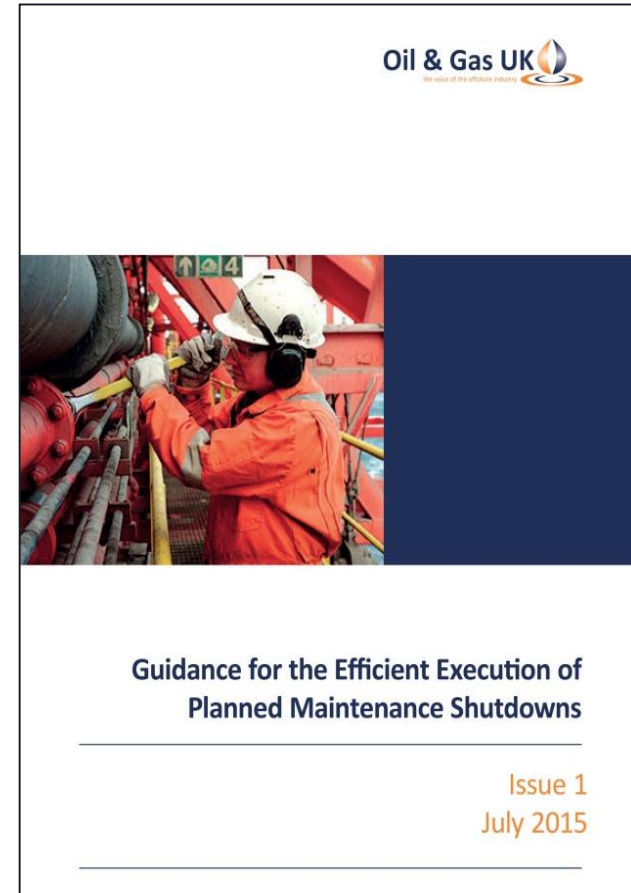


Industry Response: TAR Forum

- Quarterly meetings
- Focussed on sharing of good practice, case studies and identification of common issues
- Also, less formal networking and lesson sharing sessions. Initial focus on:
 - Front end preparation (DFPV)
 - Back end, operational readiness
 - Innovation and collaboration opportunities

Industry Response: Guideline Development

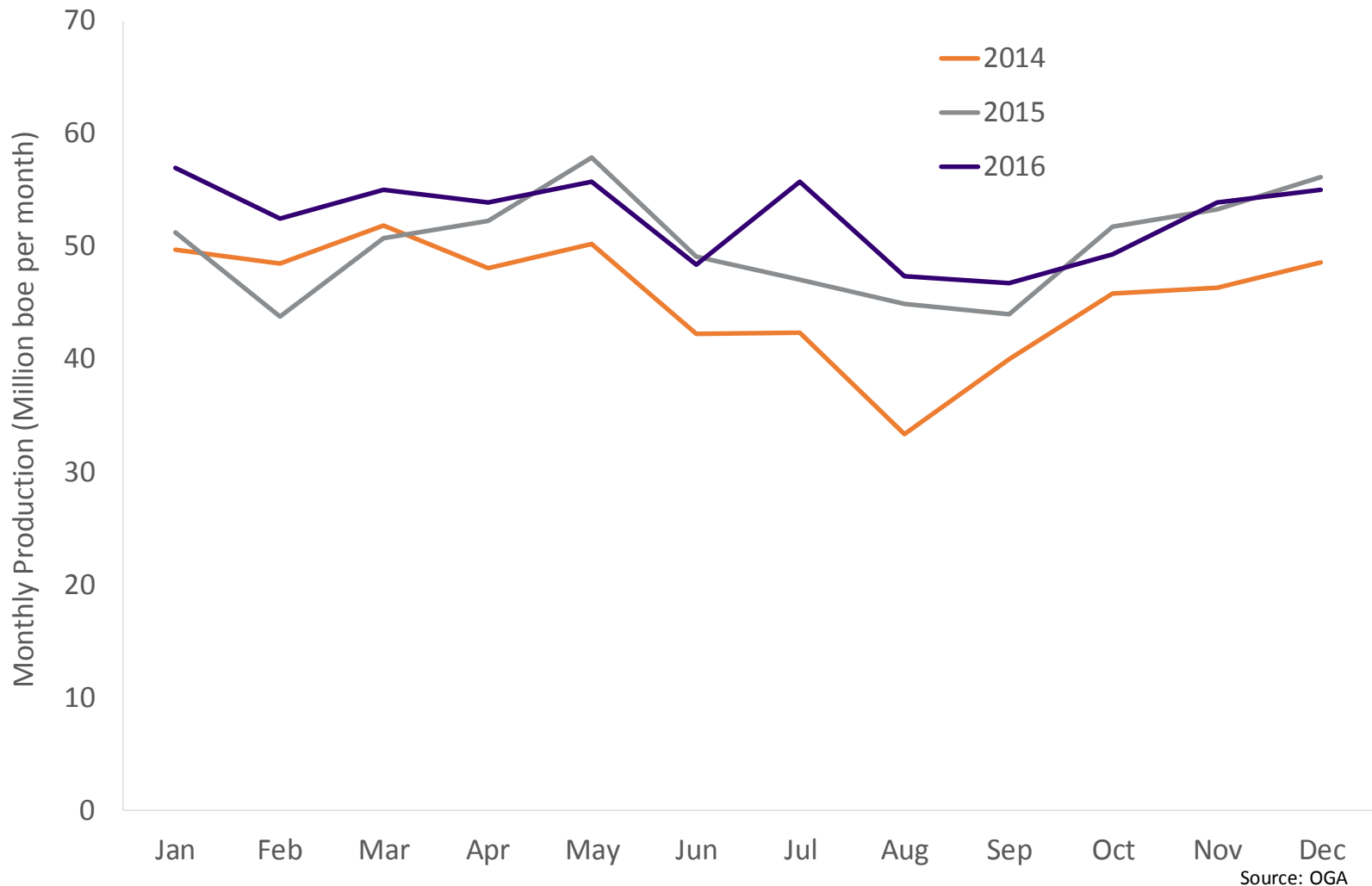
- Significant cross industry collaboration
- Focus:
 - Case studies
 - Best practice
 - Lessons learned
 - Guidance to reducing frequency and duration
 - Main focus on planning, readiness and return to service



Guidance for the Efficient Execution of Planned Maintenance Shutdowns Available to download at:

<http://oilandgasuk.co.uk/product/guidance-for-the-efficient-execution-of-planned-maintenance-shutdowns-2015/>

There have been improvements in UKCS production throughout the main TAR period



What do the improvements in performance mean?

- Increased awareness of impact of shutdowns
 - Every one day shutdown reduction = **0.365%** PE improvement
 - At a UKCS level this is worth up to **2.5 mmboe**

What next?

- Focus on sustainability of improvements
- Continue to take forward actions from TAR Forum
- Continued industry collaboration and increased sharing of good practice
- Uptake of new disruptive innovation and technology

Discussion Points

- Is there good awareness of the work of the group and the Guideline?
- What else could we do to improve industry performance?
- What are we missing? New technologies, innovations, opportunities?

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