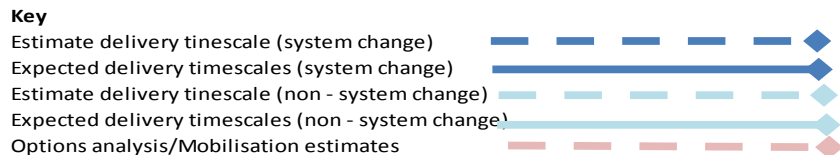
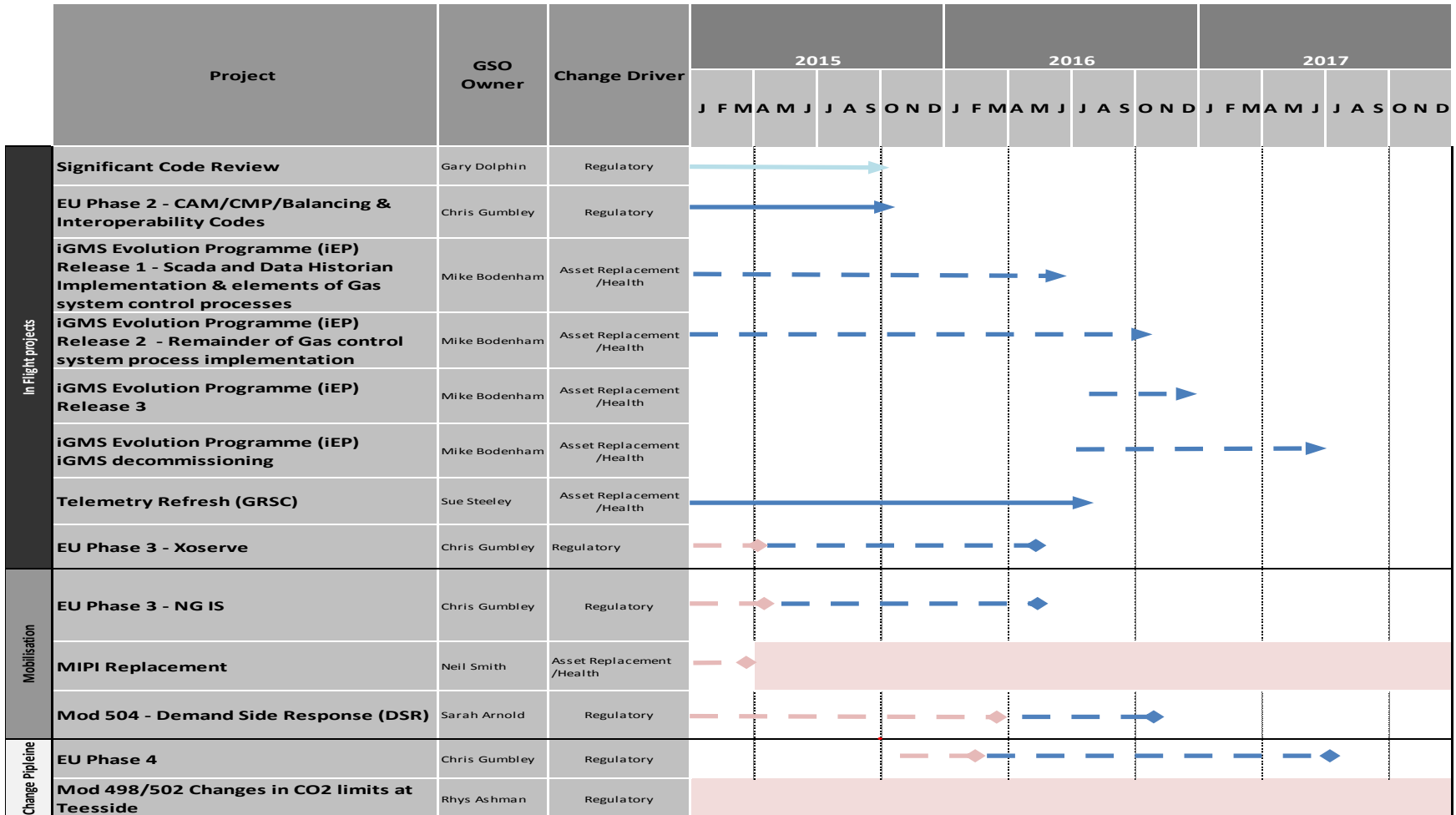


Change Programme



Portfolio Plan Overview



Significant Code Review (SCR)

- Project Description
 - Changes to the Gas Deficit Emergency Cashout arrangements that recompense End Consumers for involuntary demand side interruption of supply during a GDE
- Change Driver: Regulatory
- Implementation Date: October 2015
- Operational Impacts to Industry:
 - Changes to cashout arrangements during an Emergency (SAP & SMP prices are un-frozen)
- Industry Activities envisaged:
 - Process is largely 'AS IS' for external parties and therefore no testing/training necessary.
 - Minor changes to National Grid emergency procedures
 - National Grid Emergency Planning Team engaging with ICE Endex wrt ICE system changes
- Engagement approach for operational elements:
 - Engagement & updates to Ops Forum, SO Forum, and future webinars

EU Programme – Phase 2

- Project Description
 - EU phase 2 encompasses requirements as a result of a number of EU codes – CAM, CMP, Balancing & Interoperability (including Gas Day change)
- Change Driver: Regulatory
- Implementation Date: October 2015
- Operational Impacts to Industry:
 - New & revised system interfaces/screens/APIS on Gemini
 - Changes to processes to reflect new Gas day
 - Introduction of new capacity and balancing processes for IPs along with the introduction of a new EU Capacity Booking platform (PRISMA)
- Industry Activities envisaged:
 - User trials planned for August 2015
- Engagement approach for operational elements:
 - Ops Forum, SO Forum, Attendance at DN EU collaboration meetings
 - Communications will also be via UK Link Committee surrounding implementation

iEP Programme

■ Project Description

- Replacement of the existing iGMS control system (Network Manager) with new SCADA and Data Historian Capability
- Platform for Growth (PfG), replaces the remaining iGMS aspects of the existing system, including forecasting, analytics and resource optimisation. This phase will provide a platform on which new functionality can be flexibly changed to meet future business change

■ Change Driver: Asset Replacement

■ Implementation Date: Release 1 due for implementation Quarter 2, 2016; further releases to follow

■ Operational Impacts to Industry:

- Any interfaces with the existing system will need to be migrated to the new system
- Further information will follow in subsequent updates

■ Industry Activities envisaged:

- Regular communications including project updates/key milestones will be provided
- Engagement around process re-design activity where impacted
- System testing & prototype demonstrations

■ Engagement approach for operational elements:

- Updates to at least the SO Forum & Ops Forum
- Wider communications approach TBC

Telemetry Refresh (GRSC)

■ Project Description

- A number of different programmes are progressing. The two with the most impact on external customers include the IRIS programme and the Replacement of the shared UK Gas Transmission and Distribution telemetry communication system. The implementation of a new site design will be delivered to all sites in a rolling programme through to summer 2016

■ Change Driver: Asset Replacement

■ Implementation Date: July 2016

■ Operational Impacts to Industry:

- IRIS programme will have direct impact at user sites.
- Replacement of the shared infrastructure will have little impact on Shippers, DNs etc

■ Industry Activities envisaged:

- Further updates to this forum
- Individual sites notified of work requirements through annual maintenance planning process and requests for Permit To Work sent out ahead of any transformation

■ Engagement approach for operational elements:

- Suitably frequent updates to SO Forum & Ops Forum

EU Programme - Phase 3

- Project Description
 - Compliance with EU Interoperability and Data Exchange Network Code
- Change Driver: Regulatory
- Implementation Date: By 1st May 2016
- Operational Impacts to Industry
 - TBC - Scope definition in progress, potential changes to screens, APIs
- Industry Activities envisaged:
 - Testing of system changes & interfaces. Further information & plans TBC
- Engagement approach for operational elements:
 - Ops Forum, SO Forum, Attendance at DN EU collaboration meetings
 - Communications will also be via UK Link Committee surrounding implementation

Projects in Mobilisation/Pipeline

Project Name	Project Description	Change Driver	Target Implementation Date	Operational Impacts to Industry/current activity
MIPI replacement	Improve MIPI performance	Asset Health	TBC	Key focus is performance improvements, minimal impact to external interfaces envisaged.
Mod 504 Demand Side Response	Pre emergency Demand Side Reduction mechanism	Regulatory	Oct-16	Methodology of DSR products being trialled during Summer 2015
EU Programme	Ph 4 - Tariffs and Incremental Capacity	Regulatory	Delivery in 2017	TBC
Mod 498/502 Proposed changes in CO2 limits at Teesside	Proposed changes in CO2 limits at Teesside (from 2.5% to 4%)	Regulatory	Unknown	Workgroup discussions ongoing