

Design, construction, modification, maintenance and decommissioning of filling stations - the “Blue Book”.

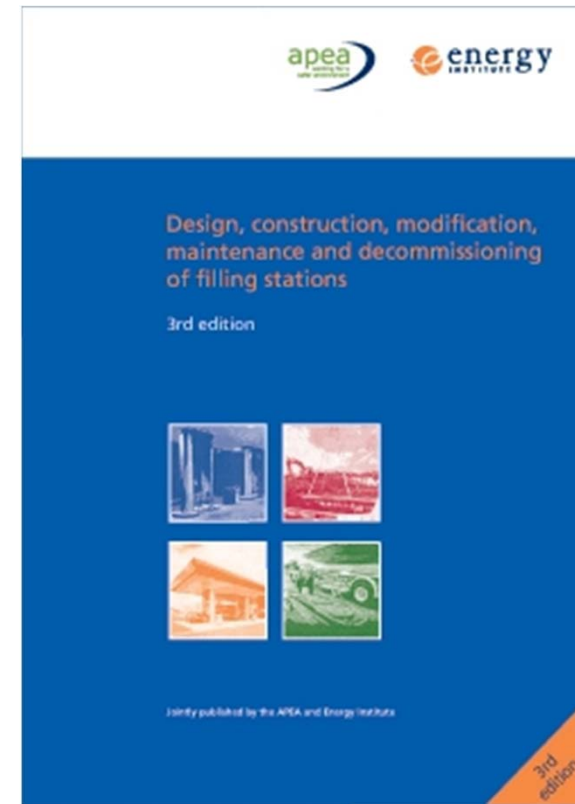
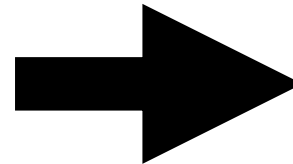
Development of the 3rd edition of the “Blue Book”

Gareth Bourhill Co–Chair APEA/EI Co–ordinating Group

Andrew Sykes EI Technical Manager - Distribution & Safety



What we set out to achieve



Need for revision

- Publication revision policy – review at least every 5 years
- Changes in technology/products since last edition
- Content continues to reflect technical consensus of relevant stakeholders
- Continuing applicability outside of UK

Start of process

- EI Service Station Panel (SSP) and other industry stakeholders invited to submit feedback on current edition
- Feedback reviewed by EI SSP and APEA representatives - (APEA) G Bourhill & J Thompson, (EI - SSP) P Lambeth & A Sykes
- Proposed Working Groups and project timescale developed
- Immediate funding available from APEA, funding available from EI pending approval of 2010 Work Programme



Working Group arrangements

Proposed WG's to comprise, as far as is practicable:

- Chair (APEA or EI representative)
 - Responsible for ensuring technical content reflects consensus and project remains on schedule
- Volunteers from key industry organisation stakeholders to add technical expertise
- Secretariat to be held with EI Technical Dept staff

Proposed Working Groups and Chairperson

- Above Ground Storage (WG 1) – Jamie Thompson
- Bio fuels / Bio-components (WG 2) – Phil Lambeth
- Unattended self-service sites (WG 3) – Patrick Howley
- Vapour Collection (WG 4) – Peter Prescott
- Leak Detection (WG 5) – Bob Conlin
- Electrical (WG 6) – John Dallimore
- Warning Notices (WG 7) – Roger Marris
- LPG (WG 8) – Richard Wigfull
- AUS 32 (diesel exhaust fluid) (WG 9) – Louise Morgan

Organisations represented on the Co-ordinating Group

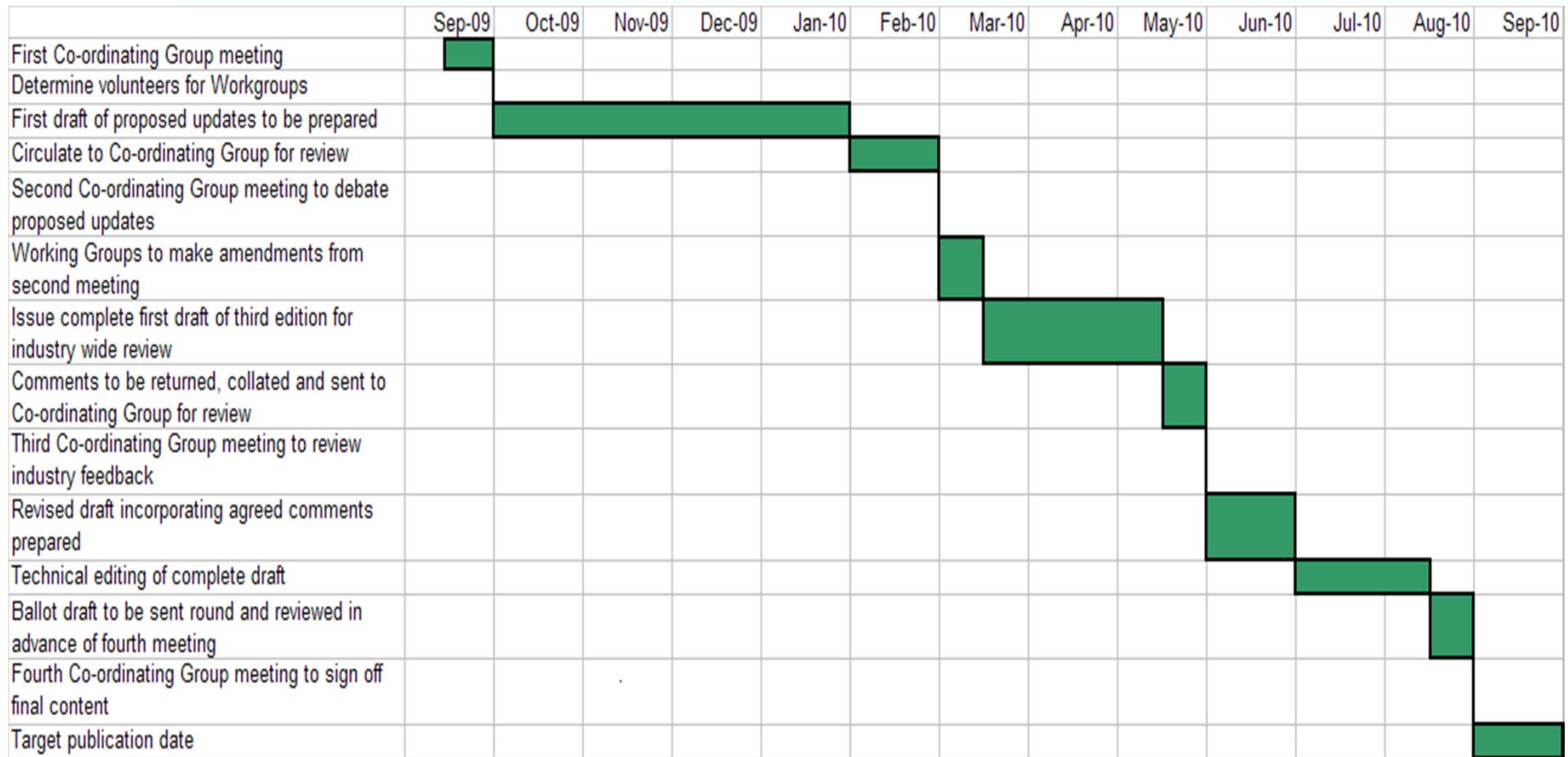
- Association for Petroleum and Explosives Administration
- The Chief Fire Officers Association
- Downstream Fuels Association
- Environment Agency
- Electrical Contractors Association
- Energy Institute
- Forecourt Equipment Federation
- Health & Safety Executive
- National Inspection Council for Electrical Installation Contracting
- Petroleum Equipment Installers and Maintenance Federation
- Retail Motor Industry Petrol
- SELECT
- UK Liquefied Petroleum Gas
- UK Petroleum Industry Association



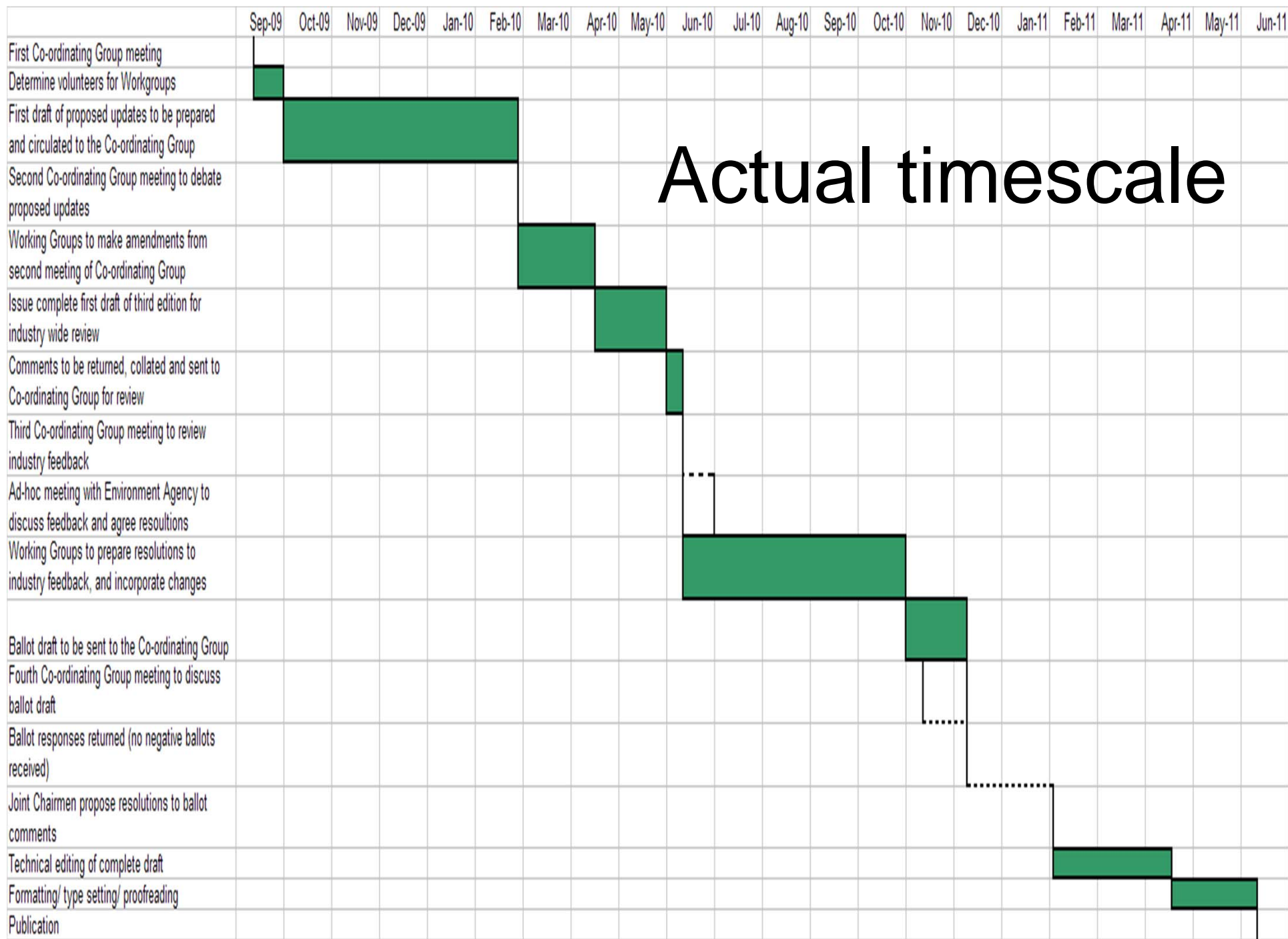
Initial thoughts

- Large scale revision (as with last edition) not required, majority of content remains valid
- 12 month timescale from inception to completion
- Operational guidance to remain outside scope of publication
- Consensus opinion needed on content relating to biofuels

Initial project timescale



Actual timescale



Key successes

- Engagement with the Environment Agency (agreed resolutions to ~150 comments received after external consultation)
- Clarity on recommendations on biofuels (EN 228 petrol, EN 590 diesel and higher blend fuels)

Changes (not progressed through Working Groups)

- Section 6 Construction & construction safety (and associated annexes):
 - Requirements of CDM Regulations
 - Construction phase plan
 - Health & safety file
 - Guidance on Permit-to-work

Changes (not progressed through Working Groups)

- Section 13 Drainage systems
 - Amended guidance based upon industry (and regulator) feedback and,
 - Introduction of fuels containing bio-component

**All changes reviewed and supported by
the Co-ordinating Group**

New Annexes

- Providing information on:
 - Biofuels (high blend)
 - AUS 32 (diesel exhaust fluid)
 - Small refuelling units
 - Explanatory notes on equipment protection levels
 - Safety signs and safety information notices