Implementation Strategy workshop

15 March 2010

Text from flipcharts used at main feedback sessions and in the various breakout sessions

N.B. All content is as produced by the Stakeholders and does not represent a preferred option or view by Ofgem / DECC.

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EARLY START

Morning summary

- Why early delivery? – to get benefits as soon as possible but must be balanced against risk of going early.
- Decisions that need to be made to increase certainty and reduce risk
  - Importance of clearly defining success criteria in policy
  - Assumption – early rollout will link into central comms eventually – requires level of definition of what will be needed by central comms including technical and commercial operability, data ownership – avoiding risks of what happened in Holland
  - How to engage public if going to go for early rollout – nationally, local areas, supplier push – first movers
  - Establish consumer confidence in programme
  - Get workforce and supplier chains in place to get on with the job
- Not just about getting meters onto wall, but about getting benefits from smart metering

Afternoon summary

- This session involved groups pasting notes on a large timeline. These thoughts have been captured in the table on the next page.

Implementation Strategy workshop - Early start - PM timeline

			Requirements finalised (i.e. high level HMG Decisions)	Establish body to commence procurement	RFI for WAN data	ITT shortlist	Early start using existing technology	Supplier interim processes	Trailing of solutions	Supplier choice / Interim CCP / Wait for final CCP	Contracts	Rollout of infrastructure	CCP define services	CCP design services	CCP test and deploy services	CCP services operational
Data comms		Resources - Supply chain, meter distribution and reclamation	Consumer engagement process / Change control process / Meter functionality agreed for data and comms							Requires derogation		Finalised industry process	Supplier build smart system processes		Develop MDMS / Design build and test	
			Ownership of data / Interoperability agreed / Security of data / Meter spec (minimum) / Decide data security Re HAN													
Functional specification			Decision Re trial for HAN / Code Re use of HAN / Decision Re early start WAN (GPRs) / Trails Re HAN						Transitional arrangements Pilots, testing	System test (meter, IHV, HAN, WAN etc) / Resource - Meters manufacturing / Resource - Workforce					Design build and test	Deliver bulk supply of meters / Future functions market driven
Rollout	Industry code prep work / Choose rollout approaches		Dependency - Meter functionality / interoperability / Scope - RE go early volume before rollout	Dual fuel decision			Industry code / Consumer protection		Business rule and operational frameworks / Consumer engagement process	Define transitional arrangements	Commercial contracts					
Other			Resources - Comms network / Consumer awareness / Patterns outside industry / Maintenance and review of CBA - Ongoing and review after every change / Re define 2020 success criteria for SM / Definition of programme activities and responsibilities / Long term road map / Spec for IHD / Decision RE gas valve / Decide process Re COS / Electricity smart meter standard specification / Gas smart meter standard specification													

GO ACTIVE

Morning Summary

Rollout
- Consumer comms
- Installers and skills
- Rollout schedule

Meters
- Interoperability
- Deliver and test
- Specification

Central comms
- Scope and licence
- WAN technology
- Procurement

Other
- Regulatory regime / commercial
- Consumer protection
- Plan
- Industry policy

Risks
- Lack of consumer engagement takes pressure off go live
- Potential impact on benefits (supplier)

Opportunities
- Influence consumers early
- De-risk go live
- Reduce stranding costs
- Can a WAN be used at go live

Afternoon Summary

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Implementation Strategy workshop - At go active - PM timeline

	2010		2011			2012	2013	
Governance to get to specification	Vision of end game	Consumer protection specific to smart and rollout	Refine regulatory framework			Supplier readiness?	Codes and licences decided	Industry process testing	Codes and licences active
	Plan to full go-live		Refine commercial framework (CCP and industry parties)						
	Smart meter stranding policy								
CCP Set-up	Scope CCP services		Regulatory regime - Licence suppliers, 3rd party		Tenders - HAN / WAN, volumes, duration, costs, change access, Pre registration	Further tender - Government, licence holders - Agree contract, SLAs etc	Implementation arrangements / milestones	
			Industry process definitions				Award licences / contracts	
			Cost / revenue recovery mechanisms					
Rollout	Decision on prioritisation (or not)		Soft launch "Smart meters are coming"	Meter available	Fit meters excluding wAN or with interim WAN		WAN specification	Start installing meters
	Are there milestones (interim targets / penalties)		Training strategy (In what / accredited?)					
Meters	Define meter specification	Meter specification and approach to WAN funding	Design	End to end functional testing		Manufacturing	Funding of meter - CCP decision and meter spec	
			Supplier procurement					
Governance to get to spec	Consumer supplier network government manufacture							
	HAN specification							

Go Live

Morning Summary

- Market testing including technical and operational, end to end and volume
- Codes
- Agree roles and responsibilities
- Consumer engagement
- Technical specification including build and test
- Operational framework

Afternoon Summary

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Implementation Strategy workshop - At go live - PM timeline

Market testing										Testing around CCP	Accreditation "smart" (reuse old for new)		**Ready for Market tests "smart" (4)**	**Market tests done successfully (5)**		Market entry testing (for new entrants)
Codes	Policy mandate	Check existing codes	Supplier licences / codes - New			Standards from Europe	Policy frame work (wider)				Codes of behaviour (take off shoes)	Codes of practice (e.g. how to deal with if unsafe installations)				
Roles and responsibilities	**Strategy / vision for smart (1)**	Design authority (independent)	Programme management role	Procurement role / licence holder	RFIs from "programme"	Business programme assurance			Tender - After functional specification refined		**Select / sign contracts (3)**			Benefit realisation		
		Coordinating consumer information	Rollout strategy including media messages													
Consumer	Opportunities missed in governments work								Consumer checks		Consumer education					**Go Live**
Technical Specification				SLA's (2)		Functional specifications (CCP, IHD, WAN, HAN, Comms hub, Meter)			Revised functional specifications (CCP, IHD, WAN, HAN, Comms							
				Services definition												
Operational framework					Required changes to existing (legacy)	Commercial arrangements - Generic					Resources, skills and training					
Today	**Certainty 1**			**Certainty 2**					**Certainty 3**				**Certainty 4**	**Certainty 5**		