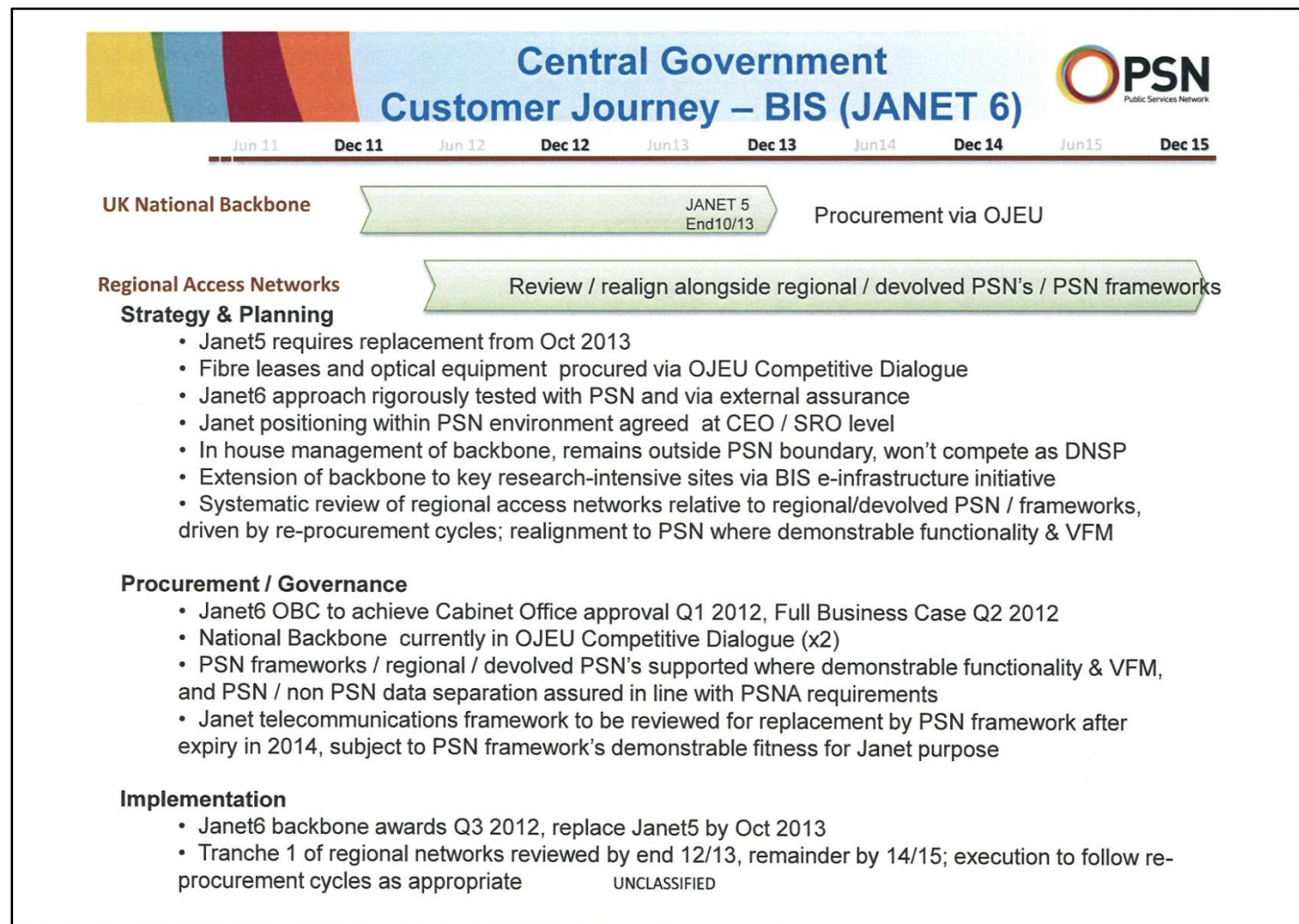


Janet6 Approvals Process

Bob Day

Chief Technology Officer

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UK National Backbone

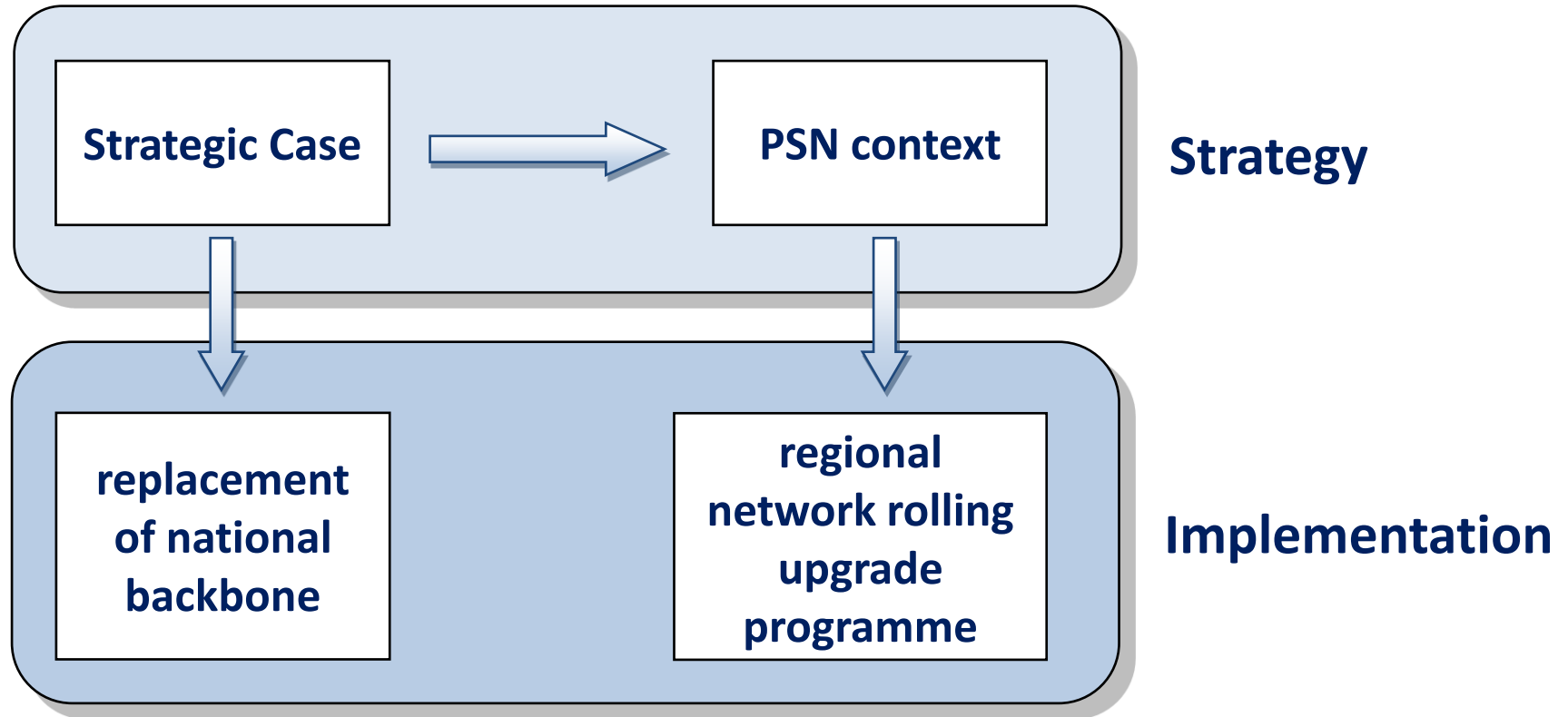
SuperJANET5 end 10/13

procurement via OJEU

Regional Access Networks

review / realign alongside regional/devolved PSN's / PSN frameworks

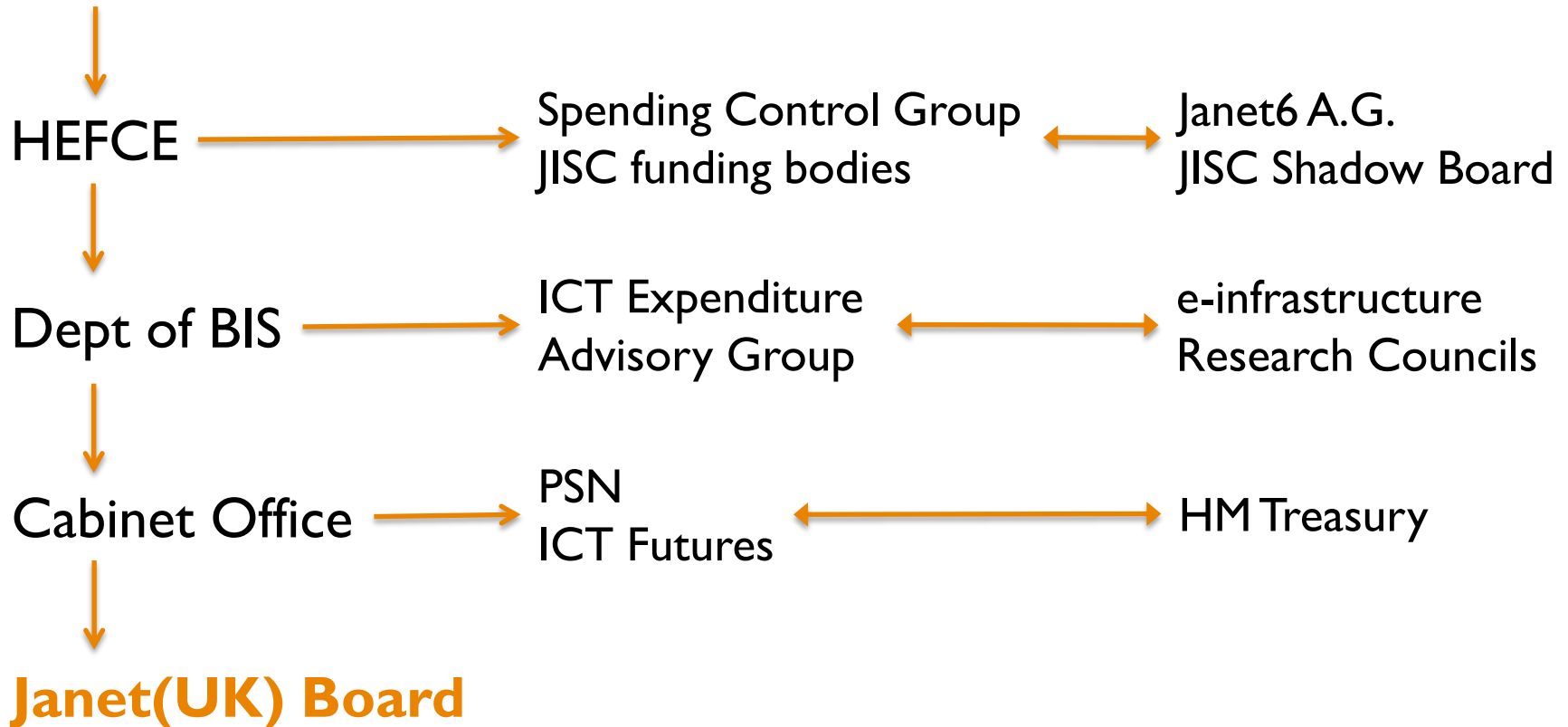
- UK national backbone
 - fibre leases + optical/IP equipment + in-house operation (NOC)
 - “outside” PSN – special-purpose part of UK’s e-infrastructure
- regional access networks
 - treated within the context of the PSN
 - systematic review of options aligned to procurement cycles
 - in-house operation remains the default option
 - ensure separation of PSN and non-PSN traffic



Implementation

- Janet6 backbone
- Regional network upgrade programme

Janet6 Project Board




- Outline Business Case
 - finalised for submission: 25 November 2011
 - conditional approval by Francis Maude: 17 April 2012
 - Full Business Case
 - addition of dark-fibre procurement results
 - modelling of overall costs of backbone over 5-year period
 - status
 - submitted by HEFCE to BIS: 12 June 2012
 - approved by BIS ICT Expenditure Advisory Group: 20 June
 - referred to Cabinet Office: 21 June
- cover off remaining
assurances etc
- target date for dark-fibre contract signature: **20 July**

What's being approved?

- five-year costs of the new Janet backbone
 - dark fibre and PoPs
 - optical equipment
 - IP equipment
 - additional NOC staffing
 - taxes

- capital costs

initial build	FY12/13-13/14
“mid-term” capacity upgrade	FY 15/16 through to 17/18

- recurrent costs
 - to be absorbed into Janet recurrent budget
 - reduce dependency on capital funding to maintain asset base
- 

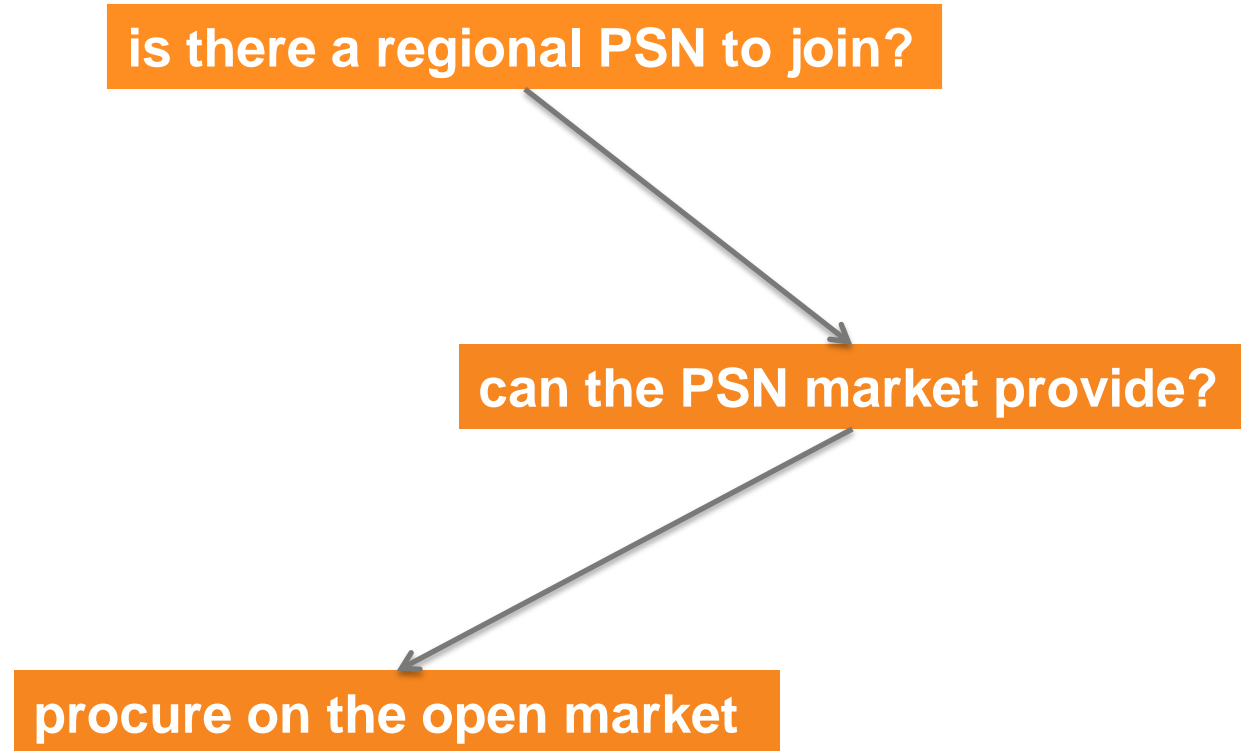
Implementation

- Janet6 backbone
- Regional network upgrade programme

- regional PSNs used for service delivery?
 - if they meet functionality HE, FE and research needs and provide better value for money than other options
- PSN Connectivity framework as an alternative?
 - Janet purpose-built framework expires in 2014
 - how would the PSN framework measure up to this?
 - product range, legal complexity, product costs
- PSN use of Janet assets and services?
 - ✓ use in support of regional PSNs to reduce cost to public-sector
 - e.g. provision of (“IL0”) Internet transit
 - ✗ won’t position Janet to compete in the PSN marketplace
 - retain capability for possible future 3rd-party PSN services delivery
 - and/or access to other public-sector networks e.g. health

The procurement “waterfall”

“most economically advantageous tender”



Procurement decision windows

[illegible]

Review of individual regions

Already under consideration	Over the next year ...
East Midlands	East of England
West Midlands	Kent (KPSN)
Wales (PSBA next generation)	London
	South East
	Yorkshire and Humberside
Scotland (Scottish PSN aka SWAN – “Scottish Wide-Area Network”)	



- East Midlands
 - prior participation in emPSN procurement as potential customer
 - Janet as contracting authority, assisted by EMMAN
 - possible re-use of existing fibre and optical assets, if value for money
 - probable procurement route: Janet telecommunications framework
- West Midlands
 - Digital Birmingham: West Midlands PSN feasibility study
 - looking for up-front commitment from other regional partners
 - PSN connectivity framework benchmarking with Cabinet Office
 - is it an effective vehicle for “ILO” (unassured) telecommunications?
 - decision on procurement strategy early autumn 2012
- Wales
 - gathering sector requirements
 - understanding Welsh Government’s PSBA replacement strategy



- McClelland Review and Scottish Government response
 - a single “Public Sector Broadband infrastructure” by 2016
- Working Group chaired by Scottish Government CIO
 - HEIDs, SFC and Janet participation
 - recommendation (March 2012)
 - can’t do a Wales PSBA-style “big bang” in Scotland
 - encourage and facilitate joining up of individual sector initiatives
- Scottish Government interpretation
 - use upcoming NHS national procurement as a “vanguard”
 - fitness for wider purpose? costs? governance? service dates?
- Scottish Funding Councils
 - subscribe to backbone now; need opt-out capability in case ...
 - open to Janet backbone infrastructure contributing
 - consider HE/FE regional use as a “post-vanguard” sector



Further discussion?

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