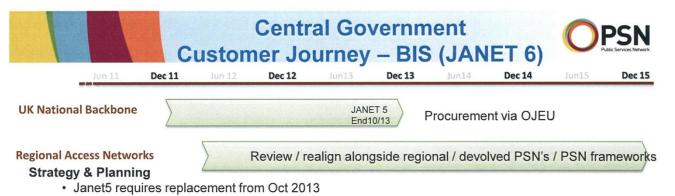


# Janeté Approvals Process

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# Janet6 and the PSN: our "Customer Journey"





- · Fibre leases and optical equipment procured via OJEU Competitive Dialogue
- Janet6 approach rigorously tested with PSN and via external assurance
- Janet positioning within PSN environment agreed at CEO / SRO level
- In house management of backbone, remains outside PSN boundary, won't compete as DNSP
- Extension of backbone to key research-intensive sites via BIS e-infrastructure initiative
- Systematic review of regional access networks relative to regional/devolved PSN / frameworks. driven by re-procurement cycles; realignment to PSN where demonstrable functionality & VFM

#### Procurement / Governance

- Janet6 OBC to achieve Cabinet Office approval Q1 2012, Full Business Case Q2 2012
- National Backbone currently in OJEU Competitive Dialogue (x2)
- PSN frameworks / regional / devolved PSN's supported where demonstrable functionality & VFM, and PSN / non PSN data separation assured in line with PSNA requirements
- · Janet telecommunications framework to be reviewed for replacement by PSN framework after expiry in 2014, subject to PSN framework's demonstrable fitness for Janet purpose

#### Implementation

- Janet6 backbone awards Q3 2012, replace Janet5 by Oct 2013
- Tranche 1 of regional networks reviewed by end 12/13, remainder by 14/15; execution to follow reprocurement cycles as appropriate UNCLASSIFIED

## Interpretation



**UK National Backbone** 

SuperJANET5 end 10/13

procurement via OJEU

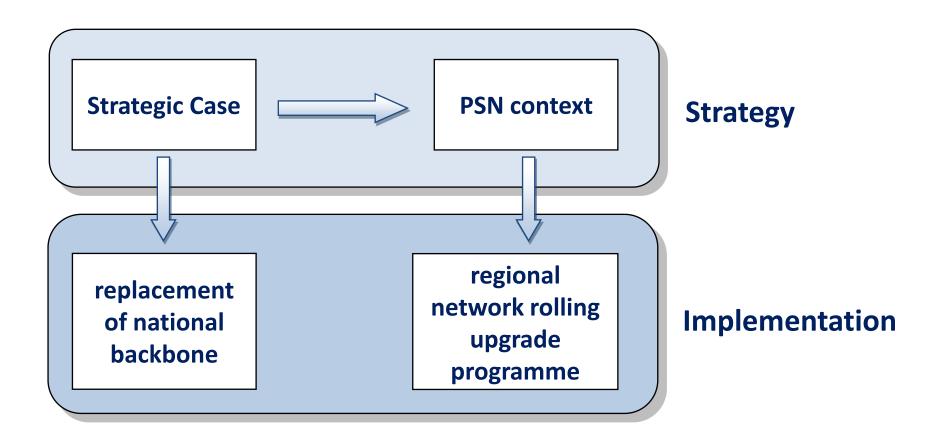
**Regional Access Networks** 

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

# Business case structure and approach





# janet

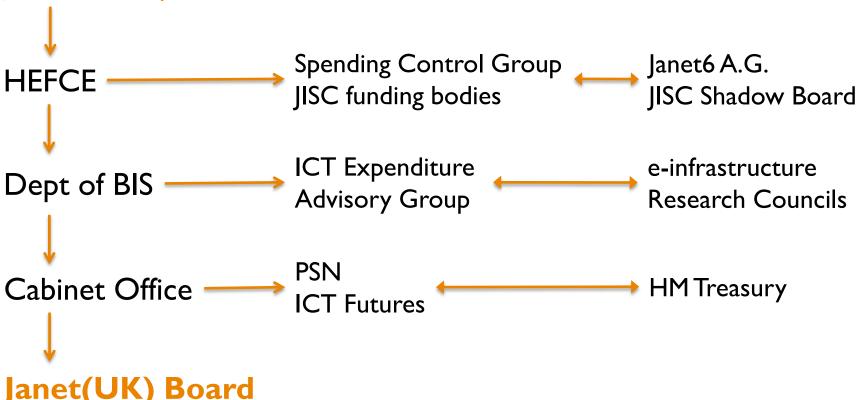
# **Implementation**

- Janet6 backbone
- Regional network upgrade programme

# Backbone: approvals process and players



### **Janeté Project Board**



Janet(UK) Board

## Status of approvals



- 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

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# **Implementation**

- Janet6 backbone
- Regional network upgrade programme

# **PSN** positioning



- 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 ("ILO") Internet transit
  - won't position Janet to compete in the PSN marketplace
    - retain capability for possible future 3<sup>rd</sup>-party PSN services delivery
    - and/or access to other public-sector networks e.g. health

"most economically advantageous tender"

is there a regional PSN to join? can the PSN market provide? procure on the open market

# Procurement decision windows



		FY12/13			FY13/14			FY14/15				FY15/16				FY16/17				FY17/18			
Aberdeen																						T	
CANLMAN																							Ť
Clydenet																							
EastERN																							T
EaStMAN																							
EMMAN																							T
FaTMAN																							
Kent (KPSN)																							T
LeNSE																							t
London																							t
NIRAN																							t
NNW																							t
NoRMAN																							t
Wales (PSBA)																							$\dagger$
TVN																							
SWERN																							1
WMRN																							Ŧ
YHMAN																							+

# 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")

# Already under consideration



#### 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

### Scotland - SWAN



- 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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