Costain Group PLC

Meeting National Needs 5 November 2014



COSTAIN

Itinerary

- 08:30 10:30 Crossrail @ Paddington
- **10:45** Train departs for Reading
- 11:20 12:30 Thames Water @ Reading
- 12:30 Coach departs for Maidenhead
- 13:15 15:30 Costain @ Maidenhead (lunch from 13:15)
- 15:30 Coach departs for Maidenhead Station / train to London

Welcome and introductory comments Andrew Wyllie, Chief Executive

PERSONAL PROPERTY.





Costain – capital markets day 5th November 2014

Andrew Wolstenholme

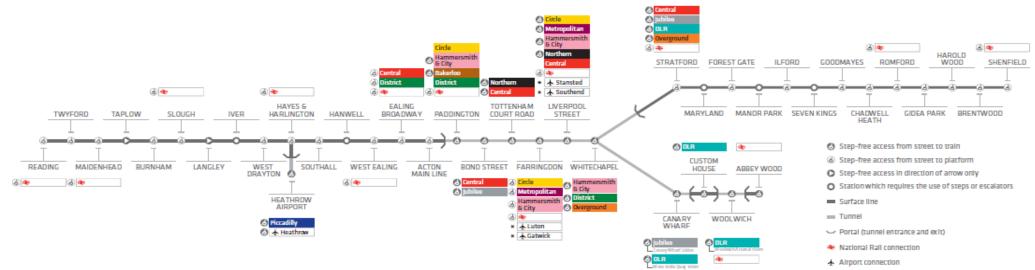
Delivering benefits



 Airports not on the Crossrall route - to travel to these airports passengers will need to travel on other

connecting rail services. Step-free travel is possible but assistance will be required to get on and off some trains. Travel from Luton Airport Parkway Station to



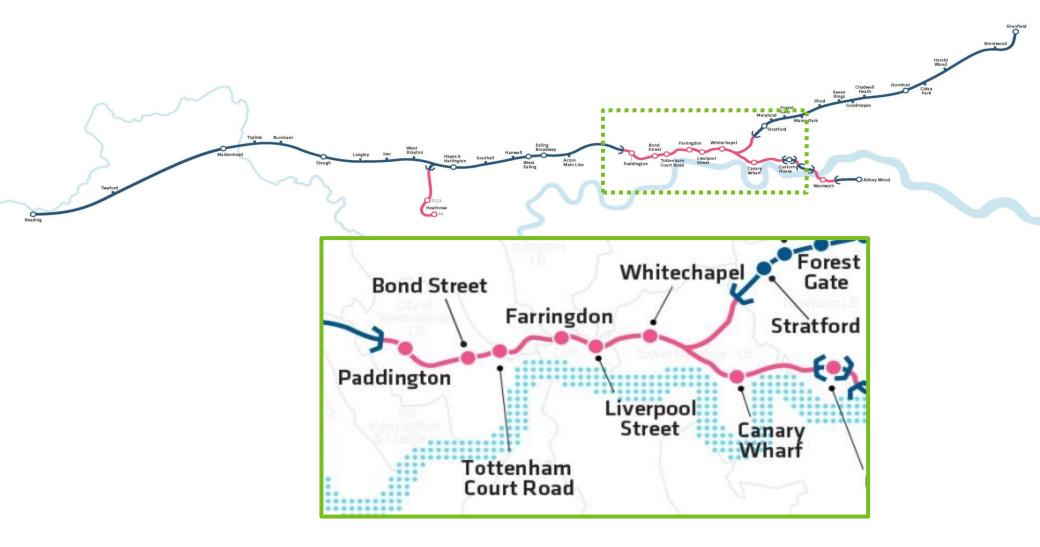


High Capacity Metro Railway

10
new stations21
boroughs40
connections1.5m
commuters£42bn
economic
benefit

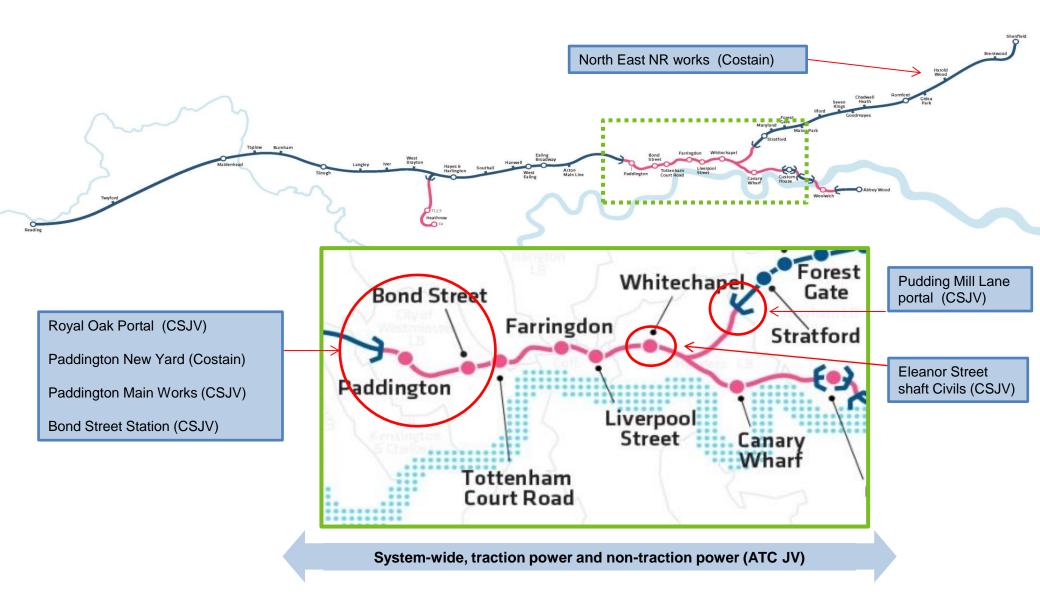
Crossrail route





Crossrail route







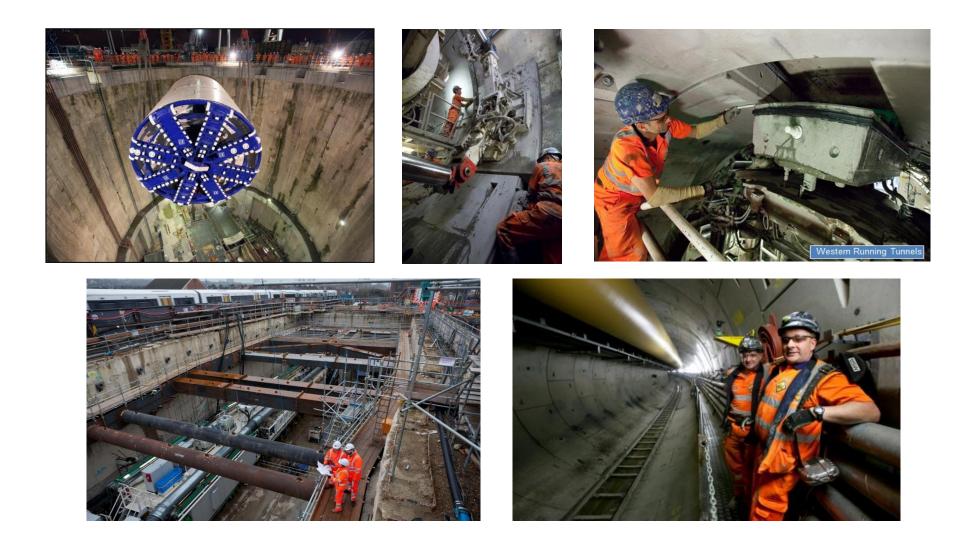
42 km of new Tunnels





Managing the tunnelling risk





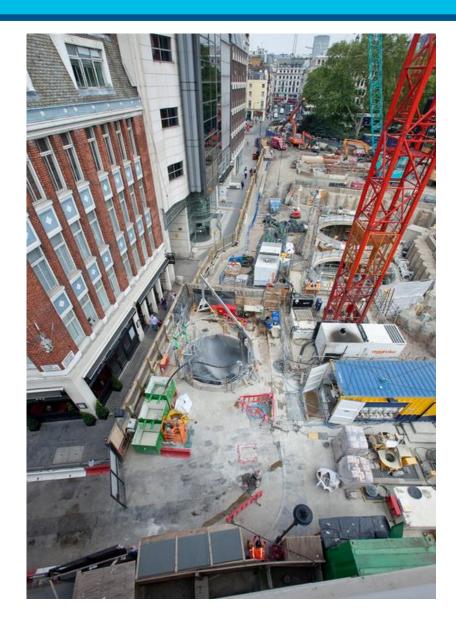
Stations 50% complete





Bond Street













On time, on budget





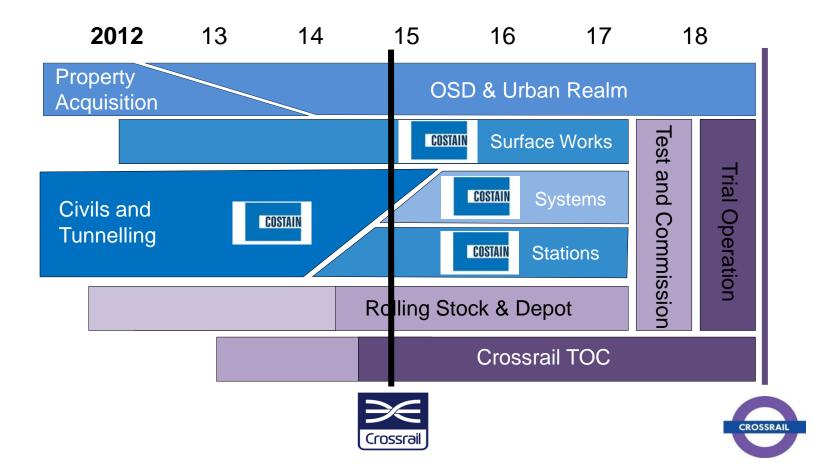
Delivering a railway











Sustainability







Economic

75,000 business opportunities
97% of contractors based in the UK
3 in 5 contractors based outside London
Over 60% SMEs



£42bn GDP benefit
Over 1000 operational jobs
Enable 57,000 new homes
Secures London's place as a world city

Social

- 14,000 employed on sites
- Over 55,000 jobs supported in UK
- Over 400 apprentices
- Compulsory HGV driver training



Social

Economic

1.5m people within 45 mins of London
Urban realm designed to complement Crossrail stations & local communities
A legacy of skills, expertise and experience



Environment

- 57,000 tonne carbon savings
- 97% recycled excavated material
- 32% of construction material recycled
- Wallasea Island RSPB nature reserve

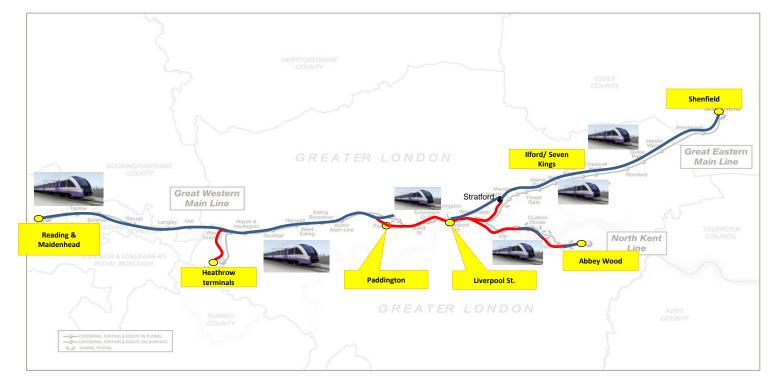


Environment

- 50% reduction in train noise
- 23% improvement in station energy consumption
- Lightweight trains & regenerative breaking

Delivery Phases





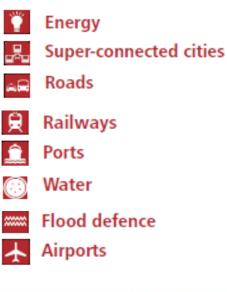
2016 2017 2018 2019 2020 Feb May May Dec May Dec

First Delivery	Stage 1: Liverpool S. (high level) to Shenfield	Stage 2: Heathrow to Paddington (high layel)	Stage 3: Paddington (low level) to Abbey Wood	Stage 4: Paddington (low level) to Shenfield	Stage 5: Reading / Heathrow to Shenfield / Abbey Wood	
		(high level)	Abbey Wood	Shenfield		

Infrastructure - The next 20 Years

National Infrastructure Plan

- £375bn Pipeline
- Energy and transport see the highest investment
- 40 Priority Projects



MOVING LONDON FORWARD



Moving London Forward





Costain's involvement with Crossrail Darren James, Managing Director: Infrastructure Isabel Coman, Project Director

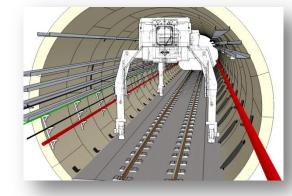


Costain and Crossrail

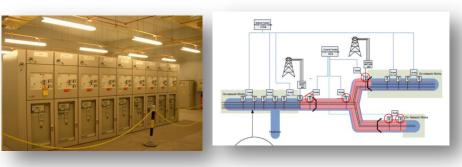
- > Key delivery partner on scheme through to completion in 2018
- > Broad range of integrated services including:
 - > Railway systems integration
 - > Power supply
 - > Civil engineering
 - > Utilities
 - > Design and commissioning
- > Extensive & varied involvement over 13 contracts
- > Six projects successfully completed to date

C412 Bond Street Main Station Works

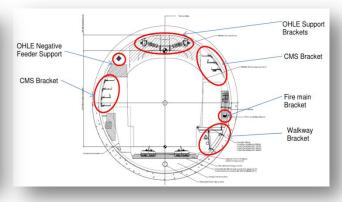




Traction Power



C610 Systemwide





Crossrail Paddington



Project scope

- Innovative delivery solution: new station within a deep underground 260m x 26m x 32m 'box'
- Station entrance, concourse, ticket office, lifts / escalators to extended platforms to accommodate new, longer air-conditioned trains
- JV with Skanska: c. £300m contract value

Integral hub for Crossrail

- Inter-connections with mainline, underground, TfL and Heathrow Express services
- Up to 24 trains per hour between Paddington and Whitechapel during peak periods
- Each train carrying maximum of 1,500 passengers

Construction stats

- 250,000m3 of spoil; 14,000mt of steel; 170,000mt of concrete; 80,000m of cabling
- Power supply enough for 750 homes
- Ventilation fans moving volume of air equivalent to 1 Olympic pool every 10 seconds

COSTA

Safety Briefing





En route to Reading Darren James, Managing Director: Infrastructure



Thames Water: introductory comments Andrew Wyllie, Chief Executive

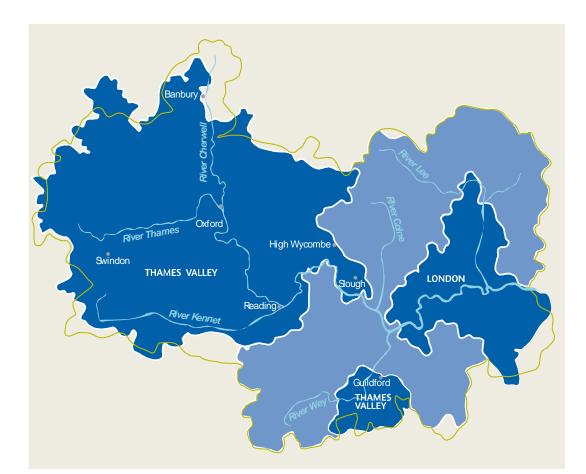
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Delivering AMP6 Martin Baggs – CEO Thames Water

The UK's largest water and sewerage company



Biggest investment programme in the industry: Totex of £8bn over five years

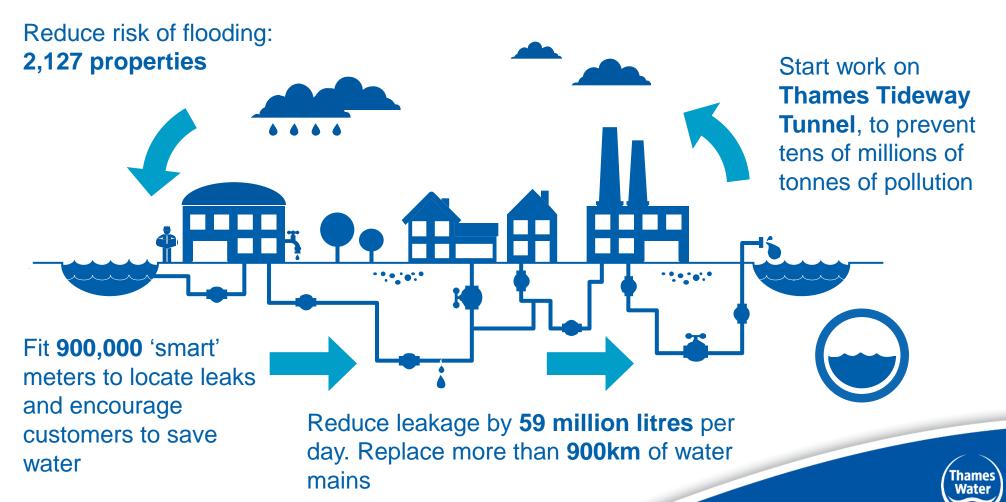


- 14 million wastewater customers
- 9 million water customers
- 66,500 miles of sewer network
- 2,600m litres of water supplied a day



Our five-year plan for 2015 – 2020: £8.0bn of Totex

Highlights



Our aims and approach



Our aims haven't changed:

- The very best in health and safety performance
- Delighting our customers
- Delivering exceptional value for money

It's our approach that's changed:

- Innovation
- Sustainability
- Collaboration



Our AMP6 strategy

- Implement the largest alliance in the water sector, to deliver £2.0bn £2.5bn of investment across 923 needs.
- Develop ground-breaking partnerships which fully align with the delivery of the Thames Water outcomes.
- Fair risk and reward that reflects Thames Water performance and is shared providing tremendous opportunity to our partners.
- Embed a true partnership that aligns through all levels and departments of Thames Water.
- Embed our strategic alliance partners within our company-wide transformation programme.
- Potential for up to 12 years of work, with an ability to innovate and challenge beyond AMP6.



Our strategic alliance partners Best industry team to deliver major infrastructure



Costain (CVA JV) Veolia (CVA JV) Atkins (CVA JV)

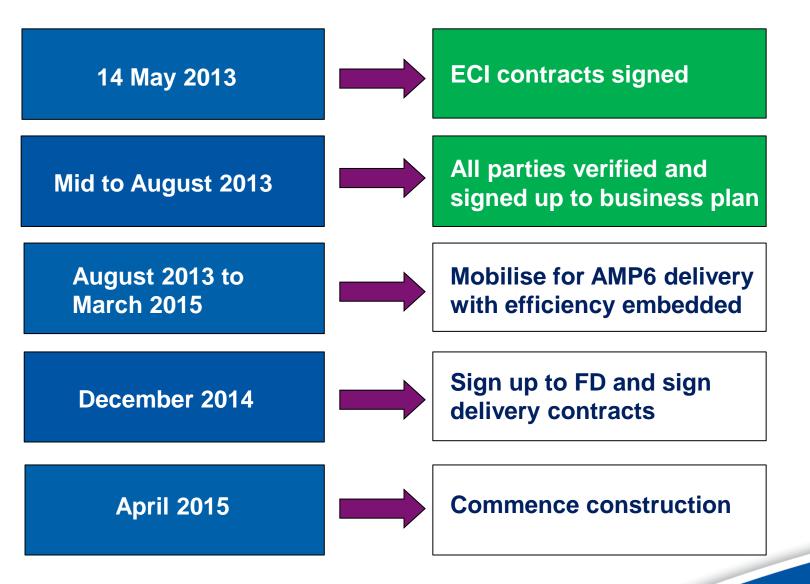
Skanska (SMB JV) Balfour Beatty (SMB JV) MWH (SMB JV)

MWH UK

IBM



Key alliance milestones – on track





Building for 22nd Century London

Martin Files





Creating a cleaner, healthier River Thames

Introducing the Thames Tideway Tunnel

A major UK infrastructure project with an estimated cost of £4.2bn

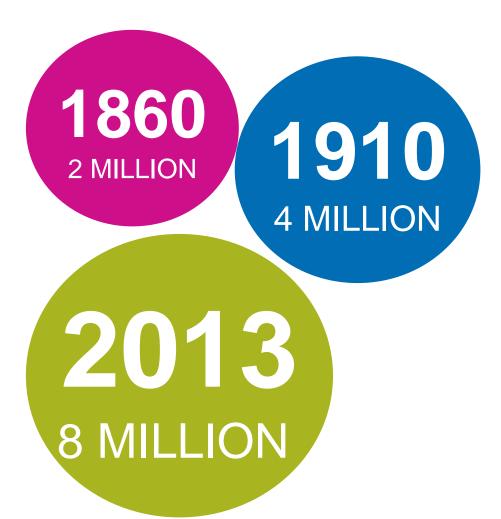
Vital to London's future and a priority for the Government and Ofwat

Financed by private sector investors and benefiting from an enhanced regulatory framework and Government support

Competition launched 2014

Why does London need the tunnel?

Population increase in London in the last century...



... creating two problems:

- 1. Overloaded sewer network; discharging into the river via Combined Sewer Overflows (CSOs)
- 2. Overloaded sewage treatment works; discharging directly into the river after rainfall

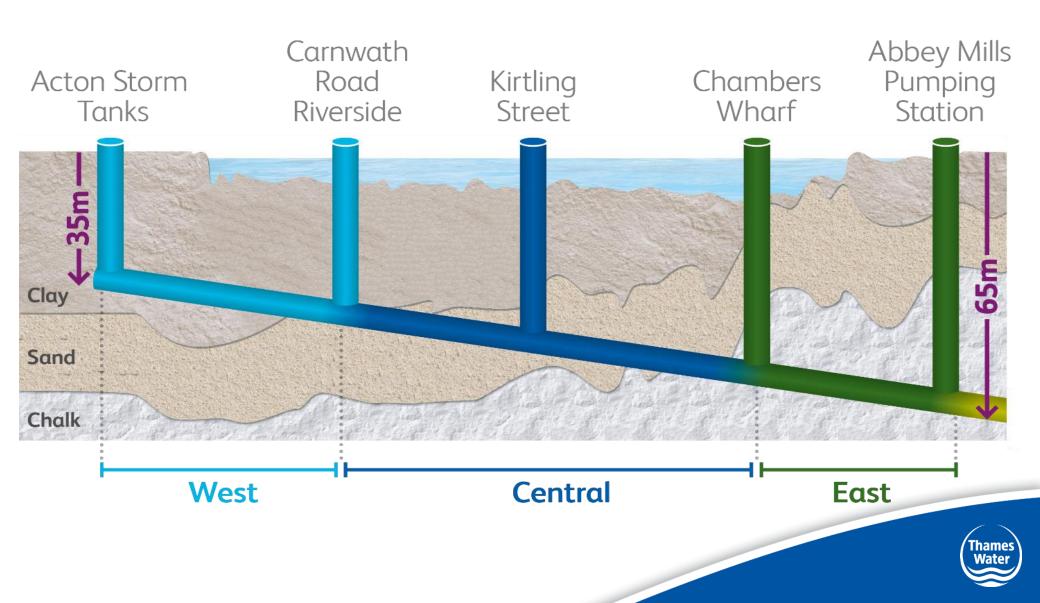


London Tideway Improvements









World class construction companies

West

- Bam Nuttall, Balfour Beatty, Morgan Sindall JV
- Costain, Vinci, Bachy JV
- Dragados, Samsung JV
- Ferrovial Agroman, Laing O'Rourke JV

Central

- Bam Nuttall, Balfour Beatty, Morgan Sindall JV
- Costain, Vinci, Bachy JV
- Ferrovial Agroman, Laing O'Rourke JV
- Skanska, Bilfinger, Razel Bec JV

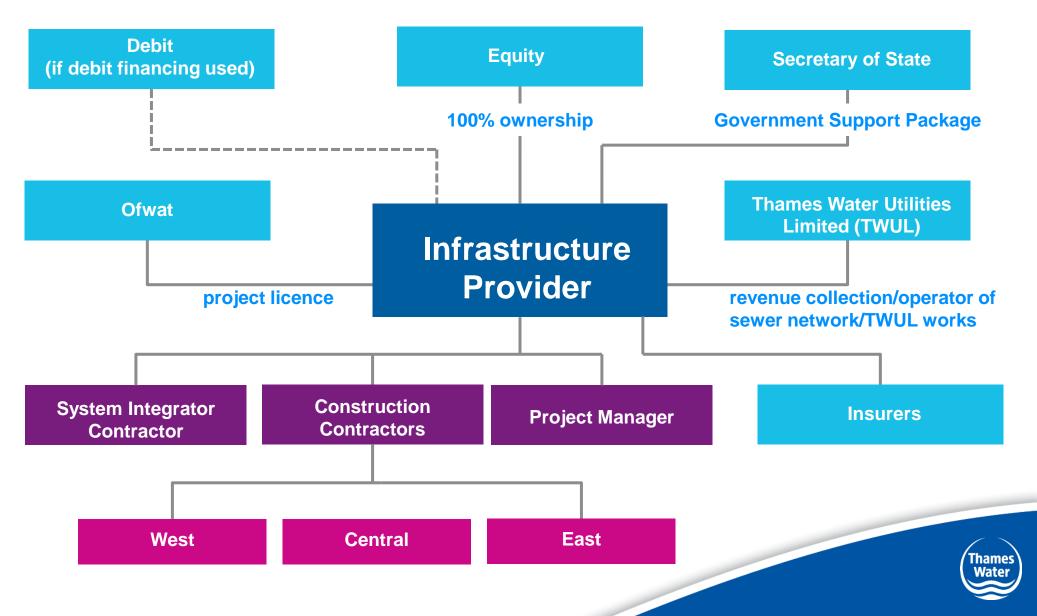
East

- Bam Nuttall, Balfour Beatty, Morgan Sindall JV
- Costain, Vinci, Bachy JV
- Bouygues Travaux Publics
- Hochtief, Murphy JV





The IP at a glance



Investment highlights of the IP

A unique opportunity to invest in a new UK regulated utility company

• ~£1bn equity opportunity

Bespoke regulatory framework reflecting project specific features, based around familiar building blocks

- cost of capital bid by investors and fixed up until project acceptance
- investment remunerated during construction revenue flowing from Licence Award and dividend yield during construction

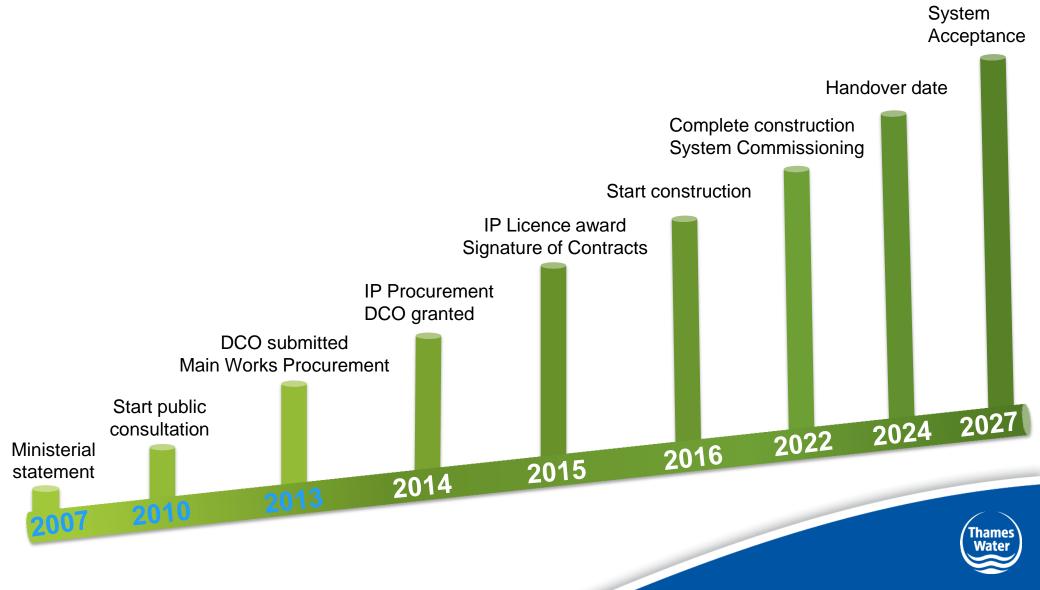
Government Support Package will further protect investors

- sharing / mitigation of exceptional risks
- total investor funding requirement capped at pre-defined maximum

Investors do not need to bring project delivery expertise

• an experienced project team, project manager and management team will be transferred to the IP at Licence Award

Timetable





Environment	 Dramatic reduction in discharges – from more than 50 to only three or four in a typical year
Health and Safety	 Three Zeros commitment Introduce leading lorry and cycling safety initiatives
Economy	 Use river transport to remove 90 per cent of spoil Engage local businesses and SMEs
People	 Over 9,000 direct and indirect jobs 1:50 apprentice and 1:100 ex-offenders
Place	 Three acres of new foreshore Enhance Thames Path

Physical legacy





Blackfriars: before

Blackfriars: after







Costain's involvement with Thames Water Alex Vaughan, Managing Director: Natural Resources Graham Keegan, Chief Operating Officer: Thames Water AMP6 Framework





Introduction to eight₂O: The Thames Alliance

Creating better results together



Leading the changing approach in the water sector





Totex and outcomes

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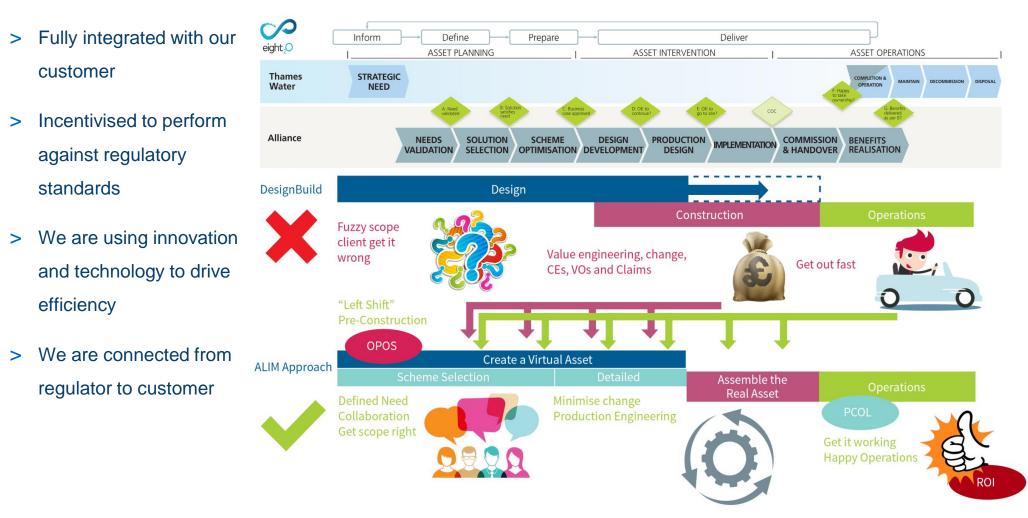
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Delivering value for Thames Water



Asset Management Contract



Welcome & introductory comments Tony Bickerstaff, Finance Director

in the second



Engineering Tomorrow: unique and well-positioned strategy



- > Costain is the UK's engineering solutions provider with a unique focus on the major customers meeting national needs in energy, water and transportation.
- Our customers are large organisations that need solutions to their complex business challenges
- > We are a trusted delivery partner that collaborates strategically at all levels with our customers in long-term relationships
- > We use our customer understanding to create and deliver innovative engineering and technology led integrated services across the full life cycle of an asset
- Strategy driven both organically and by acquisition

Working with customers to meet essential national needs

Ensuring the lights stay on...

...maintaining a safe and secure water supply...

...improving transport infrastructure.





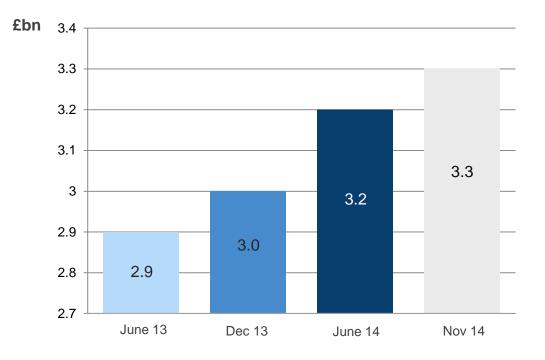


Generating and delivering innovative, value-driven solutions

This morning's IMS

COSTAIN

- > Trading in line
- > Strong, record order book: £3.3bn
 - > Over £900 million of revenues secured for 2015 (2013: over £700 million secured for 2014)
 - > Good long-term visibility with over £2.2 billion of revenues secured for 2016 and beyond.
 - > Comprises over 90% repeat order business
 - > Tendering activity remains high



The market opportunity Tim Bowen, Corporate Development Director



Significant investment providing opportunities in targeted sectors







Priority area for the government to stimulate economic growth and to meet future demands for an additional 225 million passenger journeys and 355,000 more trains per year.

Estimated investment per annum

nvestment

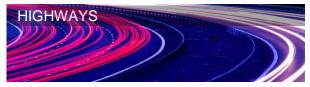
Network Rail CP5 (2014-19) £38bn

£17.5bn

Estimated cost of HS2 £43bn

- Redevelopment contracts for Network Rail, including London Bridge and Reading
- Awarded two contracts on National Electrification Programme
- Several Crossrail projects including C610 Systemwide main works and consultancy to HS2
- Delivering multi-disciplined services for Network Rail





UK road networks are under significant pressure, with longer average delays and a 19% increase in road traffic forecast from 2015-2025 (Source DfT).

Estimated investment per annum

£6.3bn

Investment in enhancements and maintenance of national and local roads

£28bn

- Leading supplier to Highways Agency 3 MACs, Managed Motorways, Traffic Technology framework
- Technology Frameworks for Welsh Government
- TfL framework including Hammersmith Flyover
- M6 link for Lancashire County Council

Transport

for London









Securing the UK's future energy needs while meeting carbon reduction commitments and coping with an ageing infrastructure.

Estimated investment per annum

£3.9bn

New energy infrastructure by 2020

£110bn

- Strong platform established
- Major contract partner award with EDF on Hinckley Point C nuclear power station
- Frameworks with UK Power Networks and National Grid



Significant investment providing opportunities in targeted sectors





Significant activity in UK upstream market driven by investment in offshore deep drilling and optimisation of mature assets in the North Sea.

Estimated investment per annum

Investment

UKCS: New field development and brown field projects (per annum)

£13bn

£27bn

- Upstream advisory, design and FEED offering Midstream contracts with Perenco and Centrica
- Downstream Total LOR, Phillips 66 and OPA

WATER

Committed spend continues in the UK water market as a result of rising environmental standards and continued threat of water scarcity.

Estimated investment per annum

£11bn Implementation of AMP6 (2015-20) (based on AMP5) £21bn Thames Tideway (2016-2022) £4.2bn

- Major player in water sector
- Thames Water, Southern Water and Severn Trent AMP6 programmes secured
- Scottish Water Shieldhall contract secured

NUCLEAR PROCESS



Government is committed to safely decommissioning and cleaning up civil nuclear sites in the UK.

Estimated investment per annum

£6bn Estimated cost to address the UK's nuclear waste legacy

£50bn

- Delivery of the UK's largest decommissioning contract – EvapD
- Magnox 10 year decommissioning framework





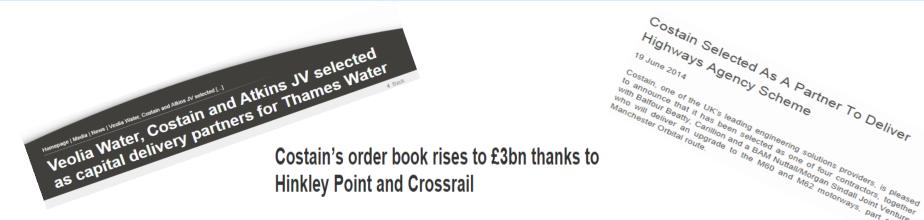
Sellafield Ltd



Clients are awarding longer term, larger contracts and extensions



contractors



Costain joint venture wins £300m Crossrail fit out job

2 April 2013 | By Vern Pitt

Galliford Try, Atkins and Costain win £180m Liverpool water job 11 June 2012 | By Vern Pitt



A unique formula for success Darren James, Managing Director: Infrastructure





Focused on requirements of major customers

Simple business model to deliver innovative integrated solutions



Wide range of integrated services





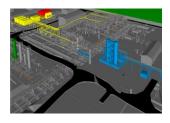
Smart motorways



Managing Mobicloud to improve site efficiency



Reading railway station



Perenco Dimlington

	Advisory and Concept Development	
Asset Optimisation and Support		Specialist Design
Complex Project Delivery		Technology Integration
	Programme Management	



Advising clients on asset enhancement



Cutting the cost of carbon capture



Advising on HS2

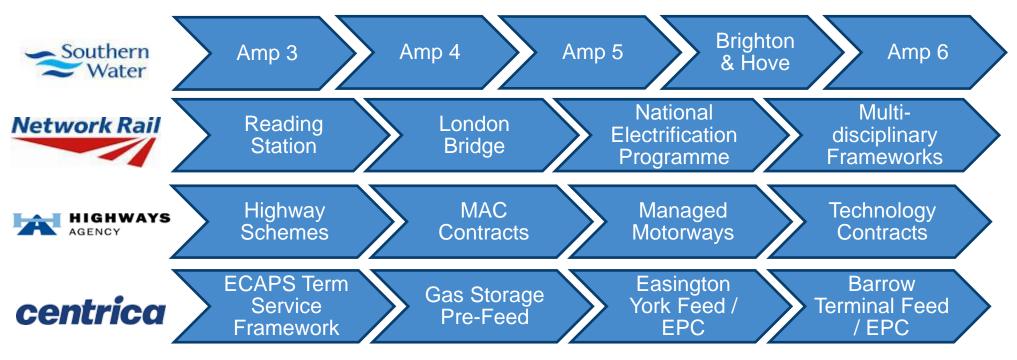


Centrica Barrow

Reputation for excellent delivery...



Long term relationships with 90% repeat orders on the back of excellent delivery



...and award-winning work

Collaborating on *Engineering Tomorrow* Alex Vaughan, Managing Director: Natural Resources



Delivering results



COSTAIN

Driving innovation and technology throughout our services





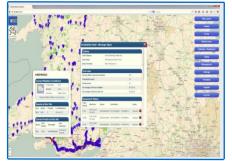
MARIO



TaKaDu



Carbon Capture RECAP Absorber Column Design



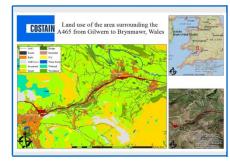
COamp Asset Management Platform



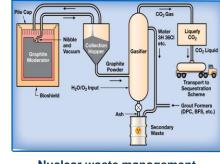
Building Information Modelling



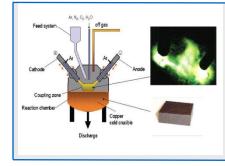
Wireless Monitoring



Geographical Information Systems



Nuclear waste management graphite gasification



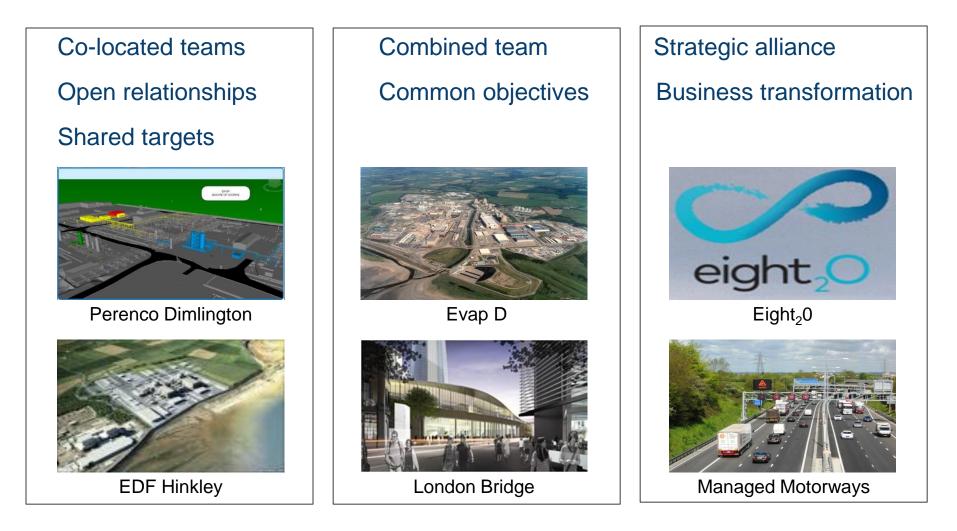
Plasma Waste Vitrification



ESDAL – Electronic Delivery Service For Abnormal Loads

Strategic level collaboration





Collaboration, common objectives, complex solutions, target cost contracts, long term relationships

Collaborative contracts

- > >90% of order book on a target cost basis
- > Early Contractor Involvement (ECI) appointment
 - > Professional services basis
 - > Full understanding of scope
- > Fee agreed (overheads and profit) as a % of cost
- > Target Cost agreed
 - > Part of customer's overall budget
- > Shared incentivisation mechanism agreed
 - > Pain / Gain, milestone and alliance bonuses
- > Cost reimbursed on a monthly basis
- > Target cost adjusted for any changes outside agreed scope
- > Increased visibility over longer-term margins at lower risk

Strength in depth





ljeoma lfedi

COSTAIN

- > Senior Process Engineer
- > MEng (Hons) Chemical Engineering with Industrial Experience (2008)
- > Shortlisted for The Young Chemical Engineer In Industry Award (2014)

Bradwell FED Treatment Project

- > Contributed to the development, commissioning and optimisation of the innovative dissolution process for waste management
- > This will have an enormous commercial, safety and environmental impact
 - > Significantly Reduces Waste Treatment Time
 - > Reduces Demand on Long Term Storage Capacity
 - > Reduces Radiological and Process Hazard





James Bulleid

COSTAIN

- > Highways Technology Director
- > MEng (Hons) Engineering and Management, CEng (MICE), Prince2, ILM5
- > IMechE Best Student Award, ICE President's Commendation, CECA Young Engineer of the Year, Construction News Rising Star of the Year, NEF Innovator of the Year

Highways Technology

- > In-House team of Seventy Five technology experts
- > Five major contract wins
- > Software Development, Service Provision, Maintenance, Capital Works (Installation and Commissioning)







James Forward

COSTAIN

- > Design Manager
- > Chartered Civil Engineer (2010)
- > Association of Project Management Professional (2014)

Hinkley Point Nuclear Power Station – Marine Works

- > Managing the design for the marine works contract to construct the tunnels required to provide cooling to the power station.
- > A critical piece of infrastructure to ensure future electricity supplies are met
 - > 7% of UK power generation once operational
 - > 10million tonnes of CO2 saved per year compared with coal
 - > Power generation for 60+ years



Claire Baker



- > Sustainability Solutions Manager
- > BSc Physical Geography with Music from Keele University (2009), MSc Climate Change Management from Birkbeck, University of London (2012 – Part Time), Associate Member of the Institute of Environment Management and Assessment, Member of the Energy Institute
- > Shortlisted for Young Sustainability Executive of the Year (2014)

Sustainable Solutions, Power Sector

- > Development and implementation of COdemand which is a range of innovative demand response services available to our Customers that unlocks new revenue by managing assets in a smart way and helps the National Grid meet their critical balancing requirements
- > Development of an Energy and Carbon Advisory Service to enable customers to significantly reduce energy and carbon consumption through management and innovative technologies. Though using the information and intelligence gained through this service Costain will be able to develop further engineering solutions.











Focused on requirements of major customers

Simple business model to deliver innovative integrated solutions









Summary Andrew Wyllie, Chief Executive



Costain Group PLC

Communities

Meeting National Needs 5 November 2014

