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This presentation contains certain statements that are neither reported financial results nor other historical information. These statements are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. These statements include information with respect to National Grid's financial condition, its results of operations and businesses, strategy, plans and objectives. Words such as 'anticipates', 'expects', 'should', 'intends', 'plans', 'believes', 'outlook', 'seeks', 'estimates', 'targets', 'may', 'will', 'continue', 'project' and similar expressions, as well as statements in the future tense, identify forward-looking statements. These forward-looking statements are not guarantees of National Grid's future performance and are subject to assumptions, risks and uncertainties that could cause actual future results to differ materially from those expressed in or implied by such forward-looking statements. Many of these assumptions, risks and uncertainties relate to factors that are beyond National Grid's ability to control or estimate precisely, such as changes in laws or regulations, announcements from and decisions by governmental bodies or regulators (including the timeliness of consents for construction projects); breaches of, or changes in, environmental, climate change and health and safety laws or regulations, including breaches arising from the potentially harmful nature of its activities; network failure or interruption (and National Grid's actual or perceived response thereto), the inability to carry out critical non network operations and damage to infrastructure, due to adverse weather conditions including the impact of Superstorm Sandy and other major storms as well as the results of climate change or due to unauthorised access to or deliberate breaches of National Grid's IT systems or otherwise; performance against regulatory targets and standards and against National Grid's peers with the aim of delivering stakeholder expectations regarding costs and efficiency savings, including those related to investment programmes and internal transformation projects (including the US foundation programme); and customers and counterparties failing to perform their obligations to the Company. Other factors that could cause actual results to differ materially from those described in this presentation include fluctuations in exchange rates, interest rates and commodity price indices; restrictions and conditions (including filing requirements) in National Grid's borrowing and debt arrangements, funding costs and access to financing; regulatory requirements for the Company to maintain financial resources in certain parts of its business and restrictions on some subsidiaries' transactions such as paying dividends, lending or levying charges; inflation; the delayed timing of recoveries and payments in National Grid's regulated businesses and whether aspects of its activities are contestable; the funding requirements and performance of National Grid's pension schemes and other post-retirement benefit schemes; the loss of key personnel or the ability to attract, train or retain qualified personnel and any significant disputes arising with the National Grid's employees or the breach of laws or regulations by its employees; and incorrect or unforeseen assumptions or conclusions (including financial and tax impacts and other unanticipated effects) relating to business development activity, including assumptions in connection with joint ventures.

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Nick Winser Executive Director, UK

London, Tuesday 6 August 2013

Drivers of investment

- Carbon emission targets and legislation
- Decline of UK continental shelf gas
- Aging plant needs replacement
- Existing transmission infrastructure nearing the end of its useful life
- Development of a single European energy market a greater level of interconnection with Continental Europe

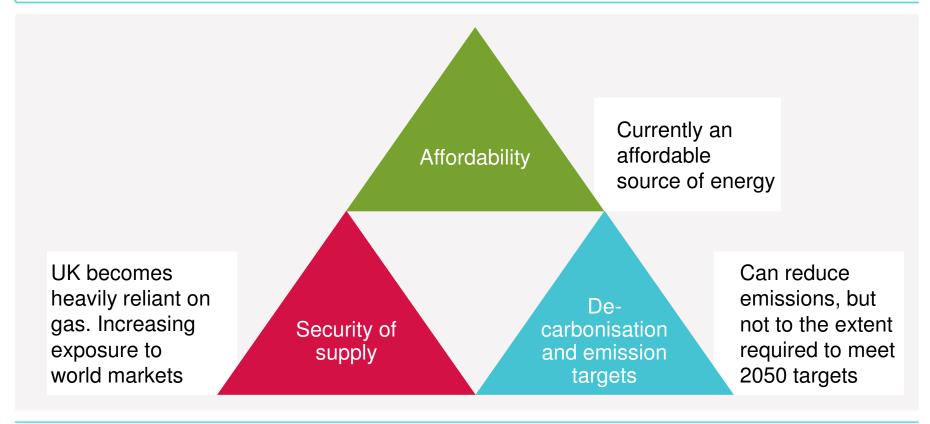


Energy trilema



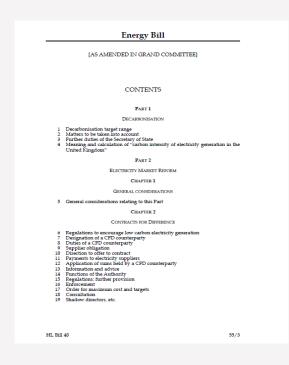


Energy trilema – Shale example





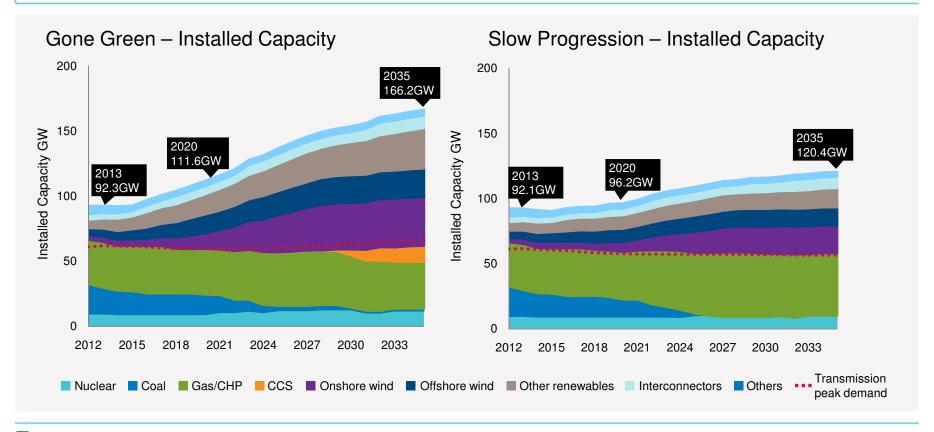
Electricity Market Reform (EMR)



- Analysis and advice to the Secretary of State
- Contract for difference (CfD)
- Capacity auctions

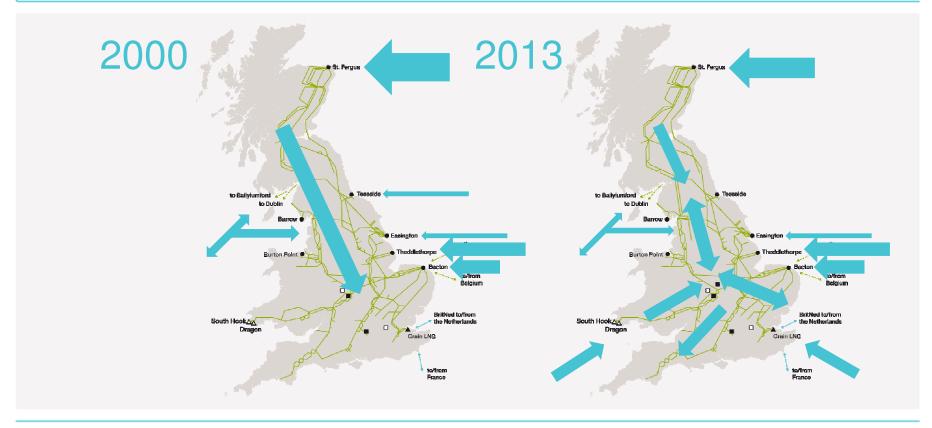


EMR & National Grid





The future of gas





Europe

- Clear benefits to interconnection with Europe
- National Grid is member of European Network of System Operators for electricity & gas (ENTSO-E & ENTSO-G)
- Promote National Grid's interests at a European level
- Further implications for National Grid include:
 - Potential interconnection
 - Increased role in supplying information to inform decisions



National Grid's role

Two key roles in electricity and gas transmission:

- Facilitating the energy markets
- Delivering the transmission infrastructure that these energy markets require
 - It is important for customers that there is a clear proposition for investors – so that the right investments are made at the right time





John Pettigrew Chief Operating Officer UK

London, Tuesday 6 August 2013

Objectives

Insight

 How the UK business will deliver for both our customers and investors over the next eight years

Teamwork





Agenda

- Key actions to build foundations for RIIO
- New concepts & opportunities
- Key areas of focus for outperformance
- Critical success factors

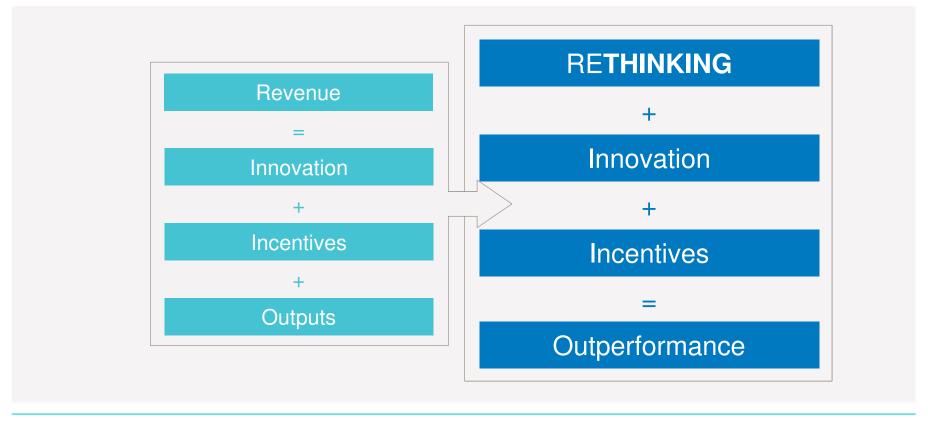


Journey started over 12 months ago





Redefining RIIO





Agenda

- Key actions to build foundations for RIIO
 - RETHINKING our business
- New concepts & opportunities
- Key areas of focus for outperformance
- Critical success factors



REORGANISING

- Gas Distribution
 - Process started in 2011
 - Focused on improved customer service and efficiency
- Significant benchmark performance improvements
 - Returns
 - Customer Service
 - Unit cost efficiencies



REORGANISING

- Transmission UK Operating Model
 - Over 20% management reduction completed
 - Staff underway, c.10% reduction
- RIIO delivery team
 - Identifying outperformance opportunities



REORGANISING

RE**NEGOTIATING**

- Key contracts
 - Gas Distribution unit cost reductions of over 20%
 - Revised Transmission Capital Delivery contracting strategy
- Internal terms and conditions



RE**ORGANISING**

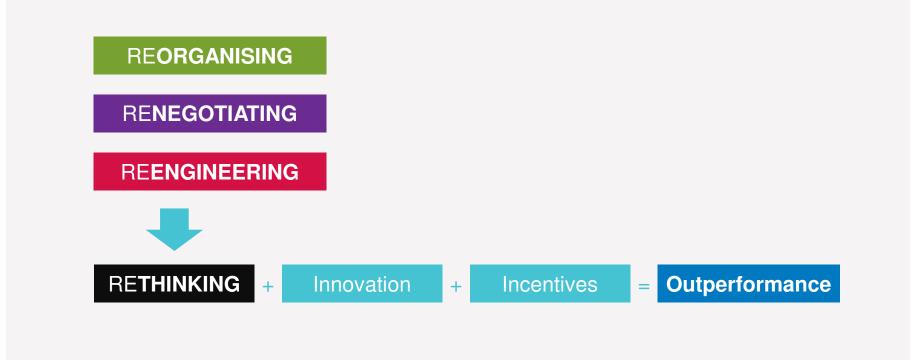
RE**NEGOTIATING**

REENGINEERING

- Delivery processes & plans
 - Delivering outputs and spending less
 - Maximise our incentives



Redefining RIIO



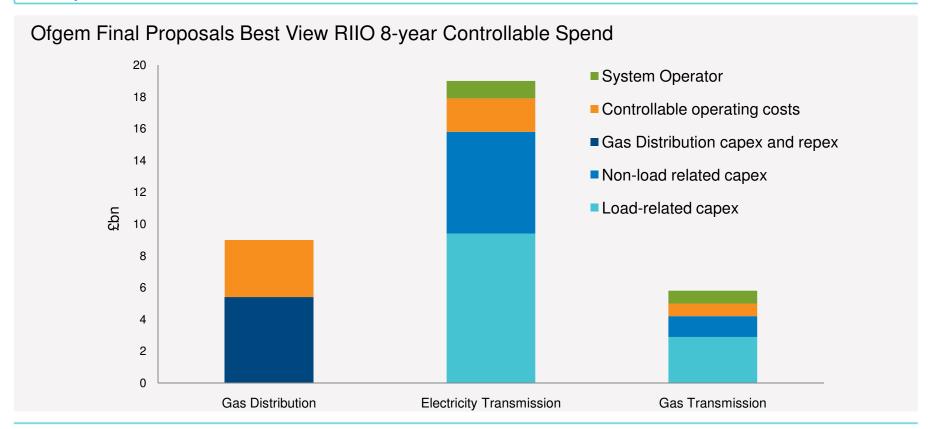


Agenda

- Key actions to build foundations for RIIO
- New concepts & opportunities
 - Output focus
- Key areas of focus for outperformance
- Critical success factors



Output focused allowances





Output focused allowances

- Allowances will change based on outputs delivered
 - Load related in particular
 - Final allowances only determined when outputs are delivered
- Clarity around recovery before we spend



Outputs driven by stakeholder requirements

e.g. Electricity Transmission Network Spend **Approved** Development Plan Industry Clarity on Funding consultation and and Recovery of Developed Ofgem approval Spend annually



Output focus: Business implications

- Flexible organisation
- Performance is a function of outputs delivered and spend
- Deliverables defined, how to deliver is flexible



Agenda

- Key actions to build foundations for RIIO
- New concepts & opportunities
 - Output focus
 - Reward for improved cost performance
- Key areas of focus for outperformance
- Critical success factors



Totex Incentive Mechanism

- Capex and opex equally incentivised
- Increased benefit from capital efficiencies





Andy AggUK Chief Financial Officer

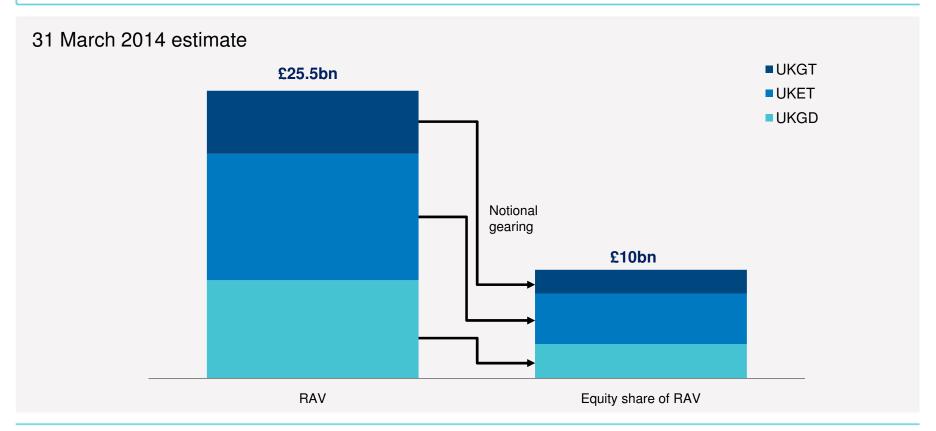
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Agenda

- Totex incentive mechanism
- New language and IFRS financial reporting
- Key value driver

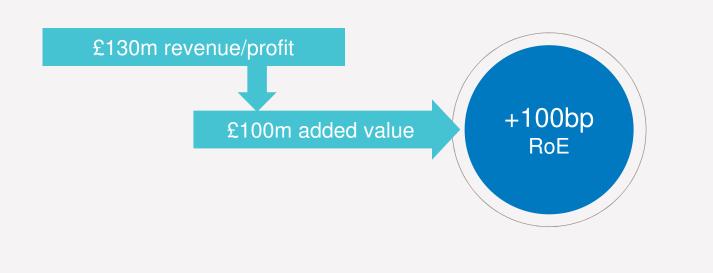


Performance context





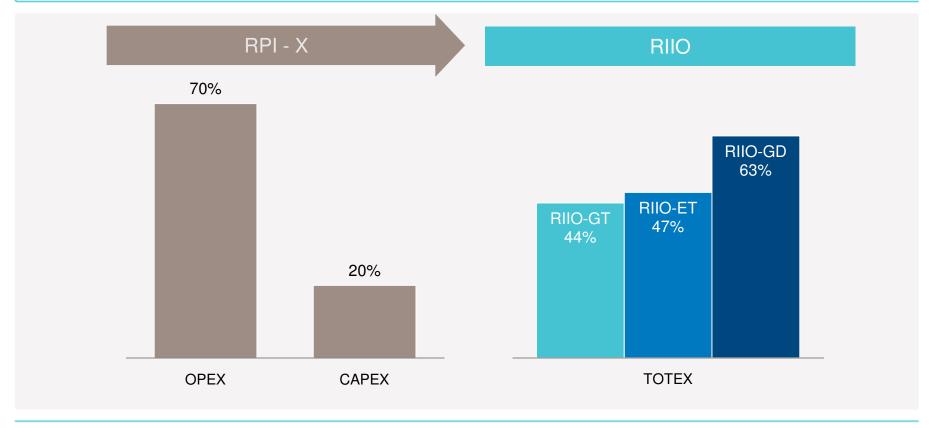
Performance context – traditional incentives





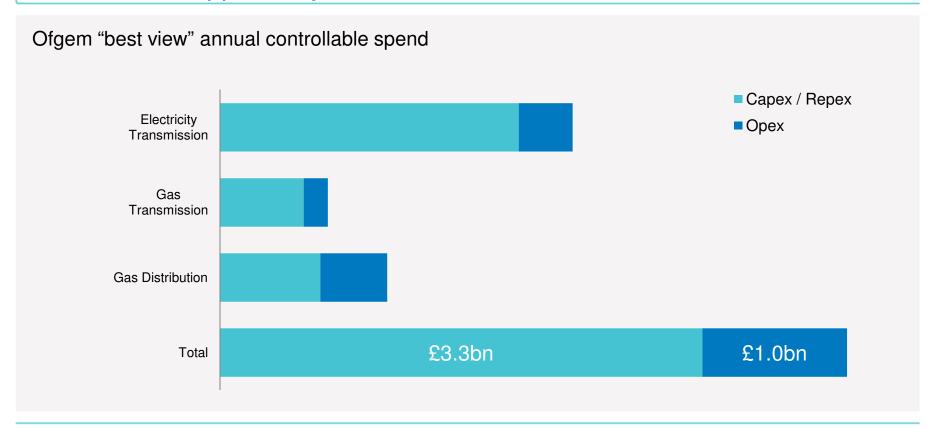
Based on March 2014 RAV estimate

Changes to efficiency incentives



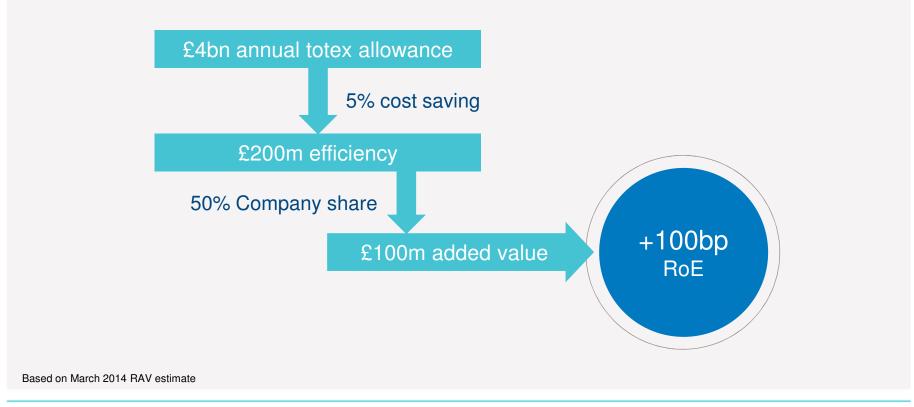


Performance opportunity





Performance context – totex incentive



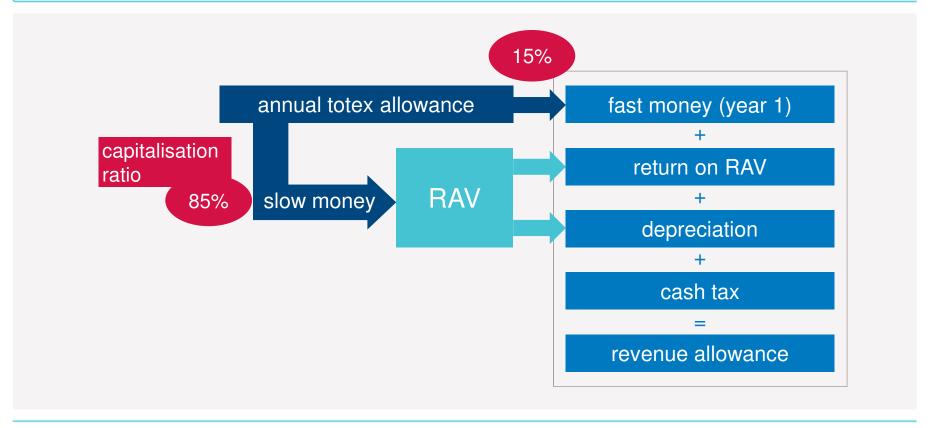


Clear value driver

deliver outputs at the lowest sustainable cash cost

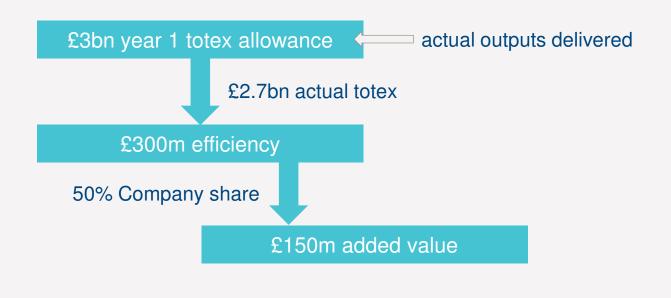


Building blocks



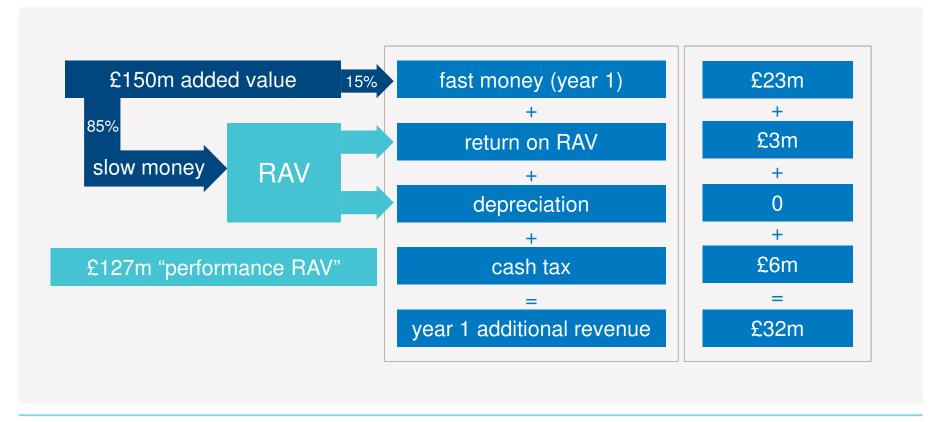


Example



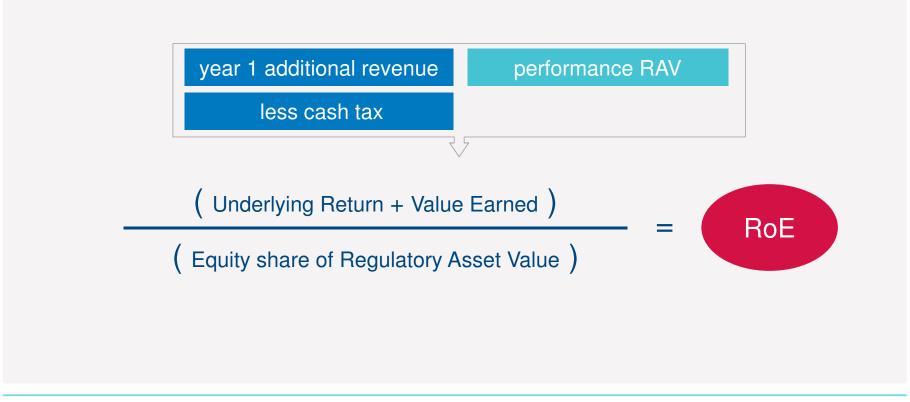


Efficiency benefit realised through mixture of revenue and RAV



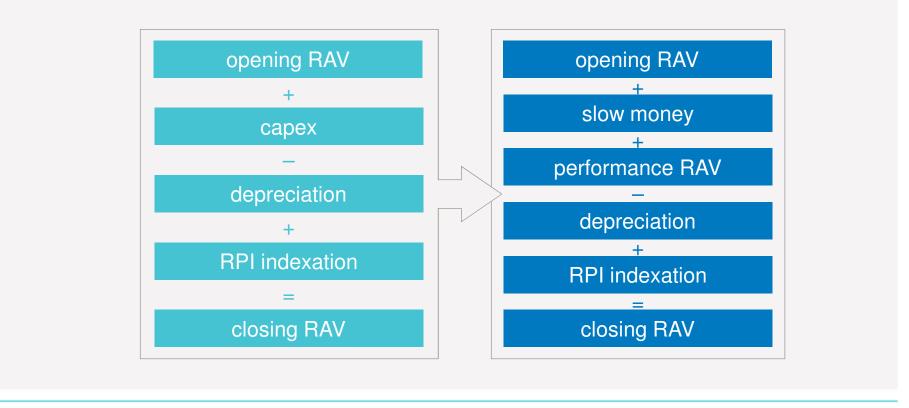


Totex efficiency drives additional return in the year achieved



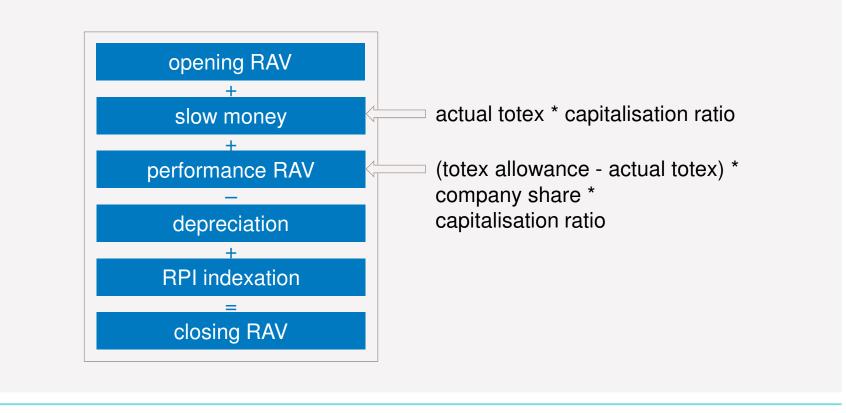


RAV roll forward





RAV roll forward



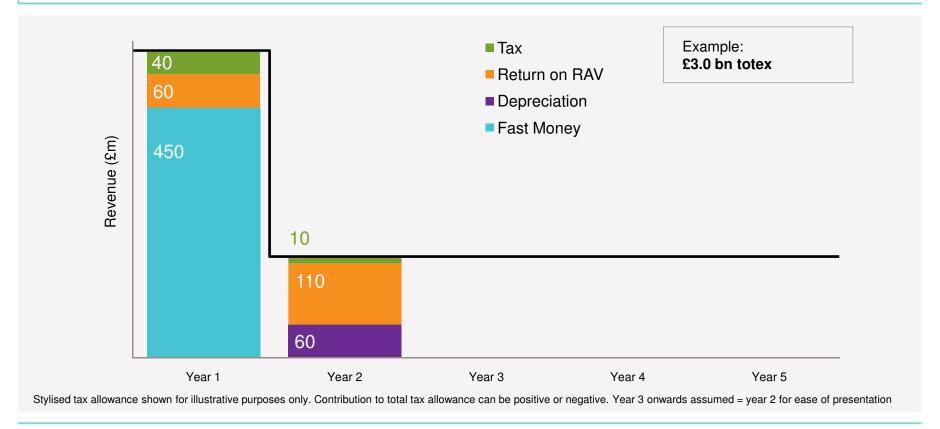


Example

£3bn year 1 totex Ofgem ex-ante assumption

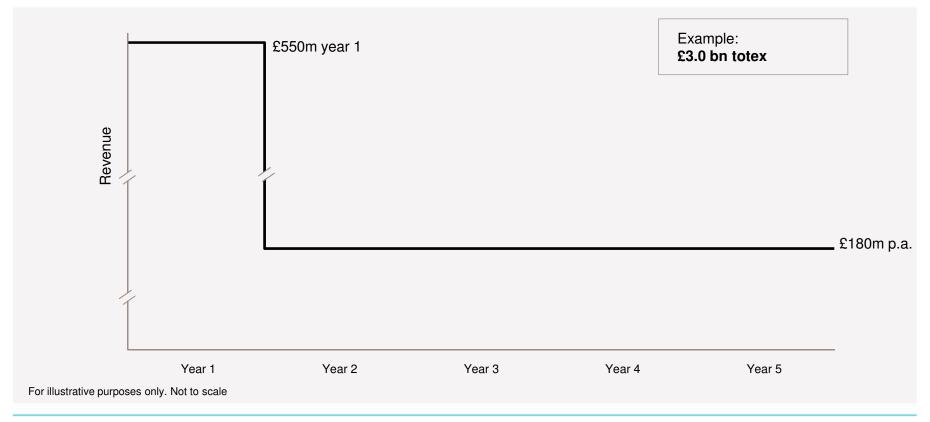


Ex-ante revenue for £3.0bn totex



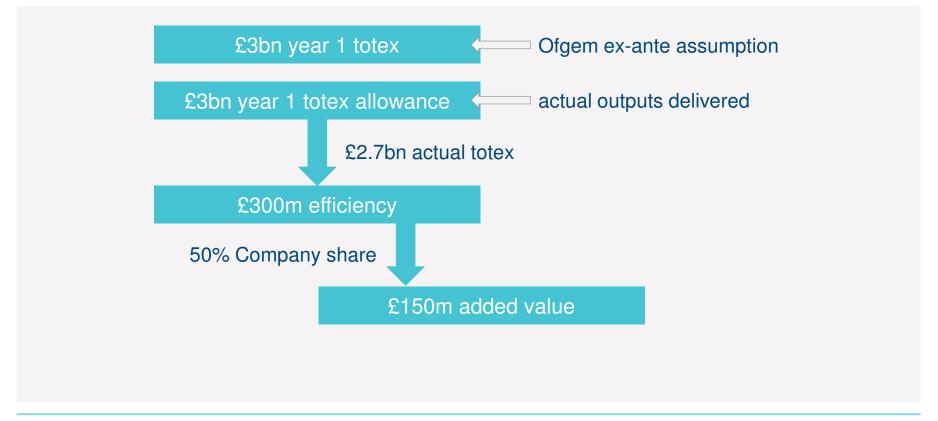


Ex-ante revenue for £3.0bn totex





Example



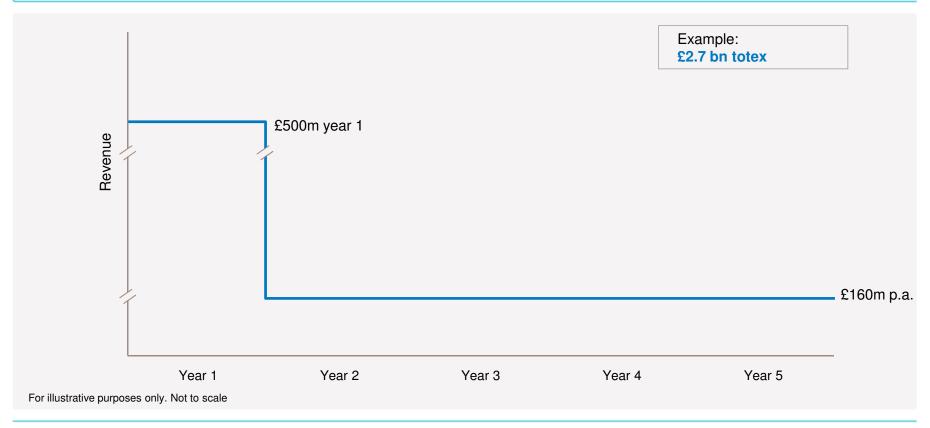


Calculating ex-post revenue

A. Calculate revenue stream based on actual totex spent £2.7bn



Revenue stream for £2.7bn totex





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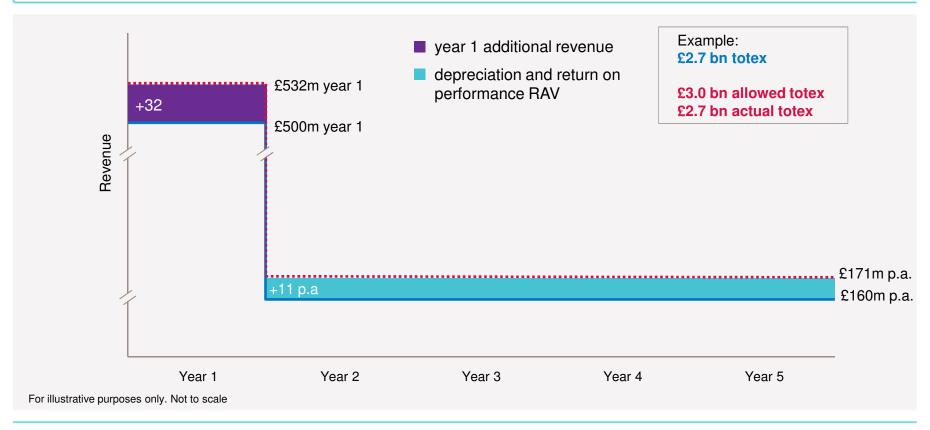
Calculating ex-post revenue

Α.	Calculate r	evenue s	stream	based	on	actual	totex s	pent	£2.7bn
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- B. Calculate totex allowance based on outputs delivered £3.0bn
- C. Calculate Value Added = (B A) * company share £150m
- D. Add revenue...post-tax NPV = Value Added
 - Year 1 mostly fast money £32m
 - Year 2-45 based on additional performance RAV £11m p.a.

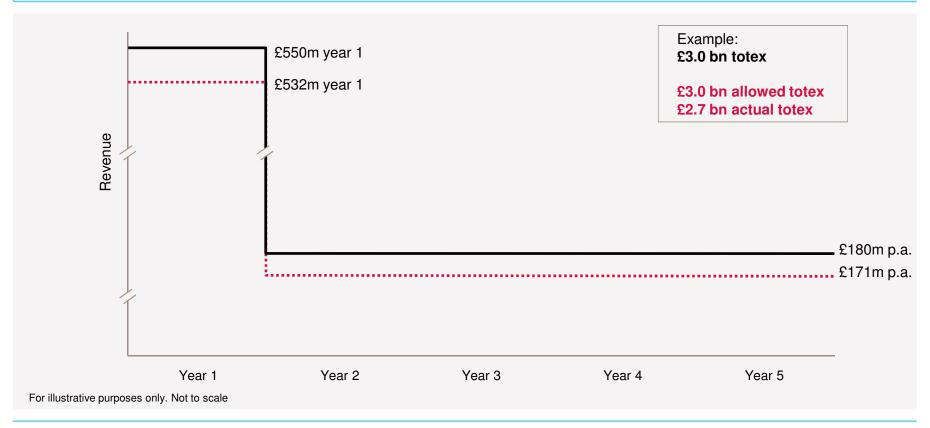


Calculating ex-post revenue



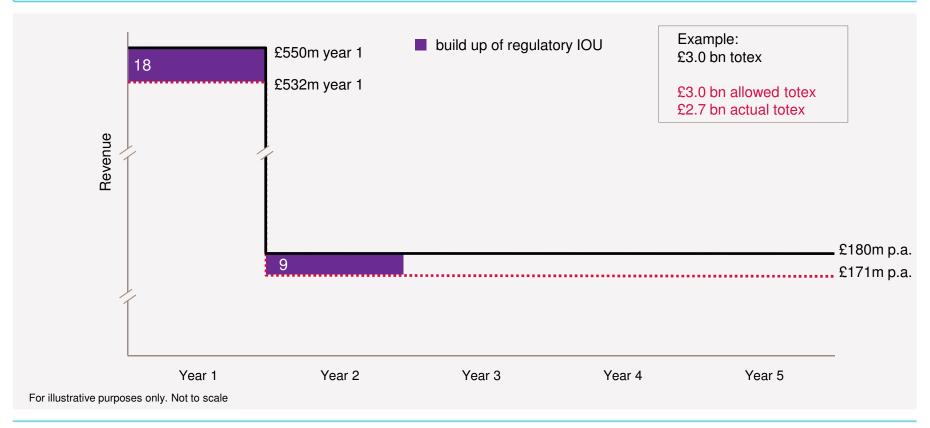


Ex-ante compared to ex-post revenue





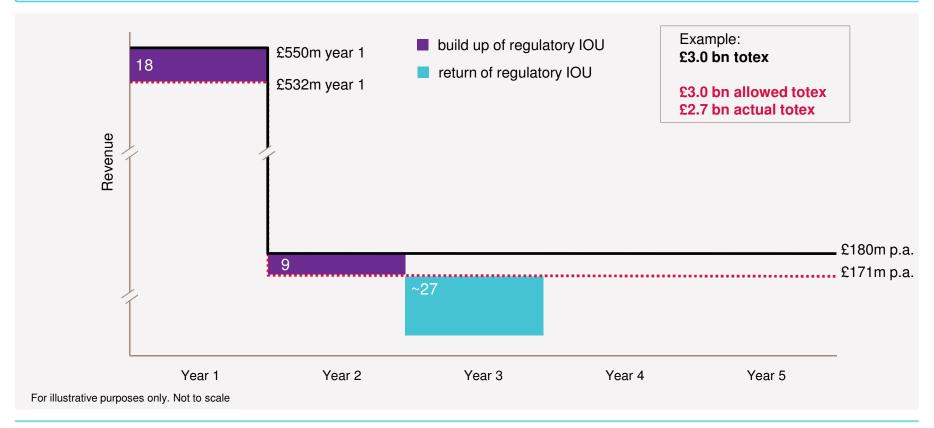
Timing of revenue collection





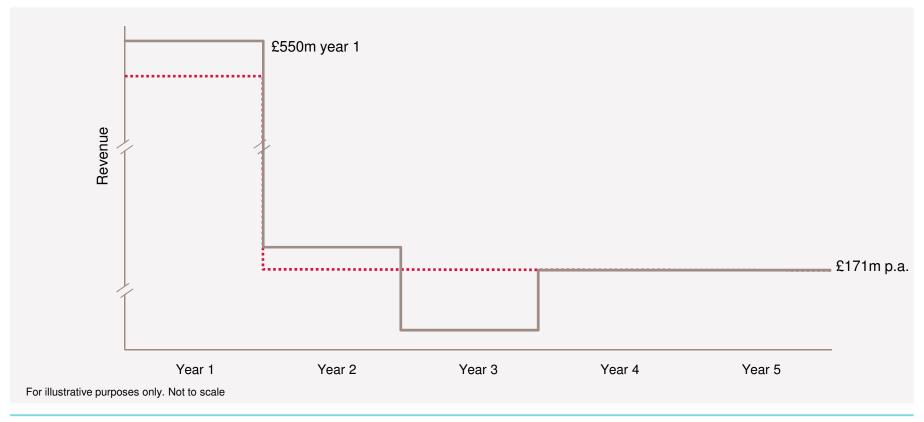
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Timing of revenue collection





Actual revenue profile





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Revenue adjustments in context

- May be additive and affect year on year comparisons
- Affect IFRS earnings profile but not regulatory returns
- Regulatory IOUs will be monitored and explained

Outperformance always benefits earnings over asset lifetime



IFRS accounting implications

Mismatch between timing of added value and IFRS earnings impact

- Returning revenues due to outperformance
- Spending opex to save capex

No IFRS adjustment for:

- Performance RAV
- Timing and regulatory IOUs
- Fast money v opex

Regulatory metrics reflect value earned



RIIO performance measures

- Operational return on equity
- Spend against totex allowances
- Incentive revenue and profits earned

some estimation required



Summary

- Increased incentives
- New regulatory language
- RIIO drives performance measures
- Deliver outputs at lowest sustainable cost
 - opex or capex





John Pettigrew Chief Operating Officer UK

London, Tuesday 6 August 2013

Agenda

- Key actions to build foundations for RIIO
- New concepts & opportunities
- Key areas of focus for outperformance
 - Delivery at lowest sustainable cash cost
- Critical success factors



Key areas of opportunity

Scope

Innovatively delivering outputs



Delivering outputs in innovative and lower cost ways







Key areas of opportunity

Scope

Unit Costs

Delivering physical solutions at lowest cost



Delivering capital solutions at the lowest sustainable cost

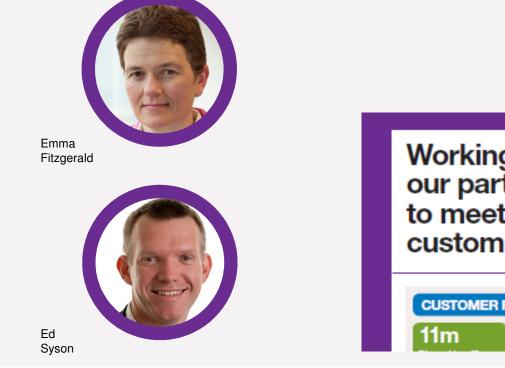








Working with our partners to meet customer needs







Key areas of opportunity

Scope

Unit Costs

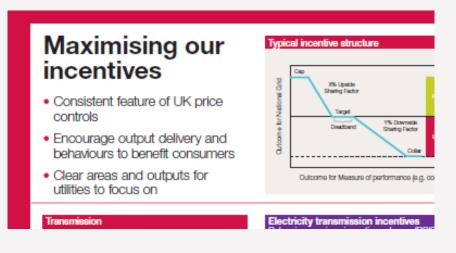
Incentives

Additional revenue from targeted performance



Maximising our incentives







Key areas of opportunity

Scope

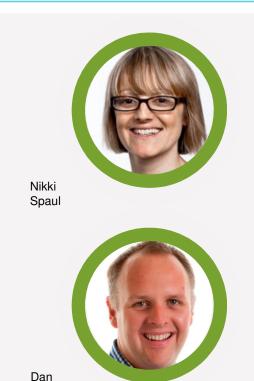
Unit Costs

Incentives

Underpinned by organisational changes



Developing a model to outperform







Davies

Agenda

- Key actions to build foundations for RIIO
- New concepts & opportunities
- Key areas of focus for outperformance
- Critical success factors
 - Execution



Execution through...

- Performance excellence & continuous improvement
- Contract management
- Customer focus



Redefining RIIO



