

# **Yorkshire Water**

#### **Investor Presentation**

**April 2019** 



### Disclaimer



The information and opinions contained herein were prepared by Yorkshire Water Services Limited or one of its subsidiary companies (collectively "Yorkshire Water").

Any opinions presented herein are based on general information gathered at the time of writing and publishing this investor presentation ("**Presentation**") and are subject to change without notice. Yorkshire Water reasonably relies on the information contained in the Presentation, which information was obtained from sources reasonably believed to be reliable but does not undertake to guarantee its accuracy or completeness. It should be noted the auditors of Yorkshire Water have not reviewed the information herein and the information has not been independently verified. No assurance can be or is given that the transactions in this Presentation would in fact be executed.

No reliance should be placed upon the information contained in this document by prospective investors, as the accuracy of same cannot be guaranteed. The information contained in this document has no regard to the specific investment objectives, financial situation or particular needs of any person.

This document contains statements about future events and expectations that are forward looking statements ("Forward Looking Statements". Forward Looking Statements". Forward Looking Statements ". Forward Looking Statements". Forward Looking Statements of and "anticipates" and words of similar import. Various known and unknown risks, uncertainties and other factors may cause the actual future results, financial situation, development, performance or achievements of Yorkshire Water to be materially different from any future results, performance or achievements expressed or implied by Forward Looking Statements. None of the future projections, expectations, estimates or prospects in this Presentation should be taken as forecasts or promises nor should they be taken as implying any indication, assurance, undertaking or guarantee that the assumptions on which such future projections, estimates or prospects have been prepared are correct or exhaustive or, in the case of the assumptions, fully stated in the Presentation. This Presentation should not be relied on as a guide to future performance and should not be relied on in deciding whether to undertake future investment in Yorkshire Water. Yorkshire Water assume no obligations to update the Forward Looking Statements or any other information contained herein to conform them to future events or developments. This Presentation and its contents do not purport to identify all risks associated with the transactions mentioned herein.

The Presentation and its contents are confidential and are being provided to you solely for your information and may not be retransmitted or further distributed to any other person or published, in whole or in part, by any medium or in any form for any purpose. Yorkshire Water does not accept any liability whatsoever for any direct, indirect or consequential losses to any person in relation to the distribution, or possession or reliance on the Presentation and its contents in contract, tort or otherwise.

This Presentation does not constitute an invitation to acquire, or an offer to sell, or an offer of the subscription, purchase or otherwise of any securities of Yorkshire Water. It does not comprise a prospectus approved under the Prospectus Rules made under Part VI of the Financial Services and Markets Act 2000 of the United Kingdom.

This Presentation is directed only at (i) persons who are outside the United Kingdom or (ii) persons who have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order") or (iii) persons falling within Article 49(2) (a) to (d) of the Order (high net worth companies and unincorporated associations etc.) or (iv) other persons to whom it may lawfully be communicated (the persons in (i), (ii), (iii) and (iv) together being referred to as "relevant persons").

Any investment activity to which this document relates will only be available to and will only be engaged with relevant persons. No-one should act or rely on this Presentation or any of its contents.

This Presentation is not directed to, or intended for distribution to or use by, any person or entity that is a citizen or resident or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would require any registration or licensing within such jurisdiction. Neither this Presentation nor any copy or portion hereof may be sent, or taken or distributed in the United States or to any U.S. person (as such term is defined in the U.S. Securities Act of 1933) (the "Securities Act") except (i) to persons that are qualified institutional buyers as defined in Rule 144A under the Securities Act; (ii) to an Institutional "Accredited Investor" (as defined in Rule 501(A)(1), (2), (3) Or (7) under the Securities Act.

For the purposes of the financial promotions regime under the Financial Services and Markets Act 2000, this document is given on the basis that it is exempt pursuant to the Order, as, without limitation, provided in Article 69 of the Order (as it relates to bonds which are already admitted to trading on a relevant market) and Article 19 of the Order (as it is addressed only to relevant persons).

The information contained in this Presentation is given in confidence and the recipients should not engage in any behavior which is prohibited by the Market Abuse Regulation (Regulation 596/2014).



#### YorkshireWater

## Contents

Summary & Investment Highlights	3
Our Strategy	5
PR19	10
Sustainability	13
AMP6 Update	19
Financial Performance	22
Ratings	25
Financing	27
Appendix – Yorkshire Water at a glance	33



## **Summary & Investment Highlights**



Leading position in the UK water and wastewater sector

Customer focused strategy addressing long-term challenges

Investing £1m+ daily to support a strong and growing regional economy

AMP6 outperformance reinvested to deliver ambitious AMP7 improvements

Robust PR19 submission with focus on long-term resilience

**Commitment to Class A investment grade rating** 

Financing aligned with sustainability responsibilities



### Yorkshire Water Overview





	Gro	pup
Regulated Capital Value as at 30 September 2018	£6.6bn	
Area of Supply	14,394km <sup>2</sup>	
Employees	c. 3,500	
Land Managed	28,000 hectares	
	Water	Waste Water
Population Served	5.0m	5.1m
Properties Serviced	Household 2.1m Non-household 0.2m	Household 2.0m Non-household 0.1m
Businesses Served	142,000	105,000
Reservoirs (c.44%)	133	n/a
Abstractions (c.35%)	9	n/a
Boreholes (c.21%)	45	n/a
Length of Mains / Sewers	31,633km	52,263km
Number of Treatment Works	49	638
Daily Volumes	1.3bn litres of drinking water	1.0bn litres of wastewater collected





# **Our Strategy**

## **#NotJustWater**



### **Strategic Ambition**









### **Overview of Strategy**



- Launched in March 2018 after major engagement with 30,000+ customers (<u>https://bit.ly/2FPt9de</u>)
- Sets **5 Big Goals** and context for AMP7 business plans with main priorities:
  - Secured supply
  - Reduced leakage
  - Fewer sewer escapes
  - Flood prevention
  - Affordable bills
- Continues current vision of "taking responsibility for the water environment for good"
- Captures ambition to go beyond regulatory requirements and commitment to long-term sustainability
- Short and long term consideration of stakeholders' interests customers, colleagues, partners, the environment and investors
- Holistic and integrated approach, critical to the resilience of essential water and wastewater services
- Delivery of our customers' priorities is core, AMP6 has **26 Performance Commitments** and proposed to be increased in AMP7 to a total of 41 with 36 new or revised commitments



## **Our 5 Big Goals**





1. Customers: We will develop the deepest possible understanding of our customers' needs and wants and ensure that we develop a service tailored and personalised to meet those needs



2. Water Supply: We will always provide our customers with enough safe water, we will not waste water and always protect the environment



**3. Environment:** We will remove surface water from our sewers and recycle all waste water, protecting the environment from sewer flooding and pollution



4. Transparency: We will be a global benchmark for openness and transparency



**5. Bills:** We will use innovation to improve service, eradicate waste and reduce costs so no one need worry about paying our bill. We will not waste money







- Integrated programme of work using enterprise portfolio management with full input from Yorkshire Water Leadership Team
- Top-down revision of Vision and Values by September, extensive input from across the business
- Strong process of activity tracking to ensure efficiencies delivered and operational benefits realised
- Will change how the Company operates:
  - **Digitising** the customer journey and interface with colleagues
  - Leading approach to **proactive and dynamic asset management**
  - o Innovative system to record **Six Capitals impact** of the investment programme
  - Better fit **operating model and organisational design**, implementation already underway
  - Full revision of reward structure
  - Updated business processes supported by new SAP system with continuous improvement approach





Taking responsibility to the water environment for Jood

19



hireWater

### PR19 Business Plans (<u>http://bit.ly/2FlebEQ</u>)



#### **Costs and performance**

- Built on **successful track record** as efficient operator with ambitious targets for improvement
- Aiming for **Upper Quartile performance** in leakage, pollution, supply interruption and sewer flooding
- Pushed frontier on per capita consumption for more sustainable future
- Performance Commitments increased from 26 to 41 including 21 new commitments
- Work started in AMP6 with **major investment** of outperformance and dividend retention
- Incorporated £900m costs for Water Industry Environmental Programme ("WINEP")

#### Bills and affordability

- Real increase of £14 over AMP7, reduction of £8 excluding WINEP
- Strong customer support for business plans and smoothed price increase

#### **Financial resilience and returns**

- Updated dividend model with clearer alignment to performance and financial structure
- Gearing average of ~78%, subject to **extensive resilience testing**



## **Initial Assessment and Response**

# YorkshireWater

#### Ofwat assessment

- Slow track rating with solid performance across 9 test areas
- Key messages:
  - Significant efficiency challenge despite strong track record
  - Affordability concerns given bill increases
  - Perceived risks of gearing
- 91 actions identified for review

#### Yorkshire Water response ( https://bit.ly/2K3gyaG )

- Propose **stable bill** with no real increase from 2019/20, further reduction if WINEP is rephased
- Increased direct support from Yorkshire Water for vulnerable customers, c.83,000 households to benefit
- Additional testing confirmed increased customer support
- Provided **further evidence** to confirm costs to support ambitious performance improvement, WINEP impact and appropriate balance between risk and reward
- Target gearing reduction to 70%, subject to Draft and Final Determinations



# **Sustainability**

Taking responsibility to the water environment for good



hireWater

## **Commitment to Sustainability**



- Moving from problem solving approach around hard engineering and financial impact to **holistic approach incorporating sustainability** with social, environmental and economic impact assessment
- Recognises major resilience challenges from climate change, population growth and resource constraints
- Reflects key role in **protecting** customer wellbeing, **supporting** the economy and **safeguarding** the environment
- Innovative and award winning **Six Capitals approach** quantifies total impact of actions and value created, now part of decision-making approach to go beyond pure economics
- Long-term **Sustainable Finance Framework** aligns with social and environmental responsibilities
- Adopted Sustainable Development Goals (SDGs) as definition for sustainable development, aligning with strategy and developing reporting of our impact on them
- Successfully retained Carbon Trust Standard since its inception several years ago



SUSTAINABLE

## **Six Capitals Approach**



- Introduced in January 2018, ensures decision-making directly considers resilience and sustainability challenges (<u>http://bit.ly/2K9eqhQ</u>)
- Balanced impact assessment across all the capitals to improve decisions making, taking account of risk and value
- Allows long-term sustainable approaches to be targeted
- 'Finance for the Future' award in October 2018 under Embedding an Integrated Approach for the Six Capitals throughout Yorkshire Water
- "Our Contribution to Yorkshire" report (
  <u>https://bit.ly/2FO8qFQ</u>) and commended on use of Six
  Capitals to shape AMP7 business plans
- Awards supported by Institute of Chartered Accountants and Prince's Accounting for Sustainability ("A4S") Project



**FINANCIAL CAPITAL** Our financial health and efficiency



MANUFACTURED CAPITAL Our pipes, treatment works, offices and IT



NATURAL CAPITAL

**HUMAN CAPITAL** 

The materials and services we rely on from the environment, especially water

#### **[**]

Our workforce's capabilities and wellbeing



**INTELLECTUAL CAPITAL** Our knowledge and processes

s

**SOCIAL CAPITAL** Our relationships and customers' trust in us









#### Introduction

- Launched in January 2019 (<u>https://bit.ly/2BSKjEP</u>), aligns long-term with social and environmental responsibilities by taking whole business approach
- Various debt instruments qualify bonds, committed facilities, private placements and finance leases
- Eligible expenditure has either direct or indirect benefits of social and/or environmental nature
- Independent Second Party Opinion from DNV-GL, assesses the alignment with Green Bond Principles/Green Loan Principles/Social Bond Principles/Sustainability Bond Guidelines
- Future third party assurance on initial and annual allocation reporting plus conformity with Framework

#### Use of Proceeds

- Eligible expenditure will greatly exceed finance raised under Framework with full annual disclosure of percentage buffer in allocation report
- Amount of net proceeds raised under the Framework to finance new or refinance existing assets and expenditures
- Aim to refinance eligible investments or expenditure in prior 2 years and may finance future investments



## **Use of Proceeds**



#### Social

- Affordable basic infrastructure
- Access to essential services
- Food security
- Socioeconomic advancements and empowerment



#### Green Loan Principles

#### Green

- Renewable energy
- Energy efficiency
- Pollution prevention and control
- Environmentally sustainable management of living natural resources and land use
- Terrestrial and aquatic biodiversity conservation
- Clean transportation
- Sustainable water and wastewater management
- Climate change adaption
- Eco-efficient and/or circular economy adapted products, production technologies and processes

#### **Excluded Categories**

- Finance costs
- Personal expenditures
- Landfill and waste incineration
- Fossil fuel fleet costs
- Pollution related fines and legal costs

## **Process for Project Evaluation and Selection, Management of Proceeds and Reporting**





# **AMP6 Update**

Taking responsibility for the water environment for good



YorkshireWate

## AMP6 Customer Outcomes and Performance Commitments





Current projection to achieve almost all Performance Commitments



### AMP6 Performance

Strong performance and delivery against

Performance Commitments in first three years





#### **Performance Commitments Achieved**

leakage 0

performance

to improve:

- supply interruptions 0
- pollution 0
- internal sewer flooding 0
- Financial performance in line with reinvestment • plans and provides solid base for AMP7

https://www.ofwat.gov.uk/publication/service-delivery-report-data-2017-18/

#### Significant re-investment outperformance since November 2017 to target future upper quartile Implemented Service Delivery operating model · FLA ANH " NET NET EE TES TE END BE THA EN LA EN EE EE BE EEN Cumulative (2015-18) Financial Performance on Outcomes





# **Financial Performance**



## **Key Financial Highlights**



4.2%

(F)



#### RCV (£bn) 5.3% 4.9% 4.5% -1.3% Mar-15 Sep-15 Mar-16 Sep-16 Mar-17 Sep-17 Mar-18 Sep-18 Mar-19 Mar-20 (F) RCV Annual RCV Growth (%)

#### Net Cash Flow (£m)







7 

## **Gearing and Interest Cover Ratios**









# Ratings

THE A

Taking responsibility for the water environment for good



CONTRACTOR OF

 $\odot$ 

.

ARCTIC CORSAIR

#### Ratings Summary Sustainable Class A Investment Grade Rating



#### MOODY'S INVESTORS SERVICE

- The credit quality of YWS (corporate family rating [CFR] of Baa2 negative) is supported by (1) its low business risk profile as a monopoly provider of essential water and sewerage services; and (2) the relatively stable cash flow generated under a well-established and transparent regulatory regime.
- The company's credit quality is constrained by the overall gearing level, the risk embedded within the company's derivatives portfolio and its leverage on a fair value basis. YWS's net debt was around 76% of its regulatory capital value (RCV) as of 31 March 2018.
- Following the company's reinvestment of £260 million of outperformance and steps to reduce interest costs, we expect gearing to remain in the mid- to high-70s in percentage terms into the next regulatory period, above the sector average.
- In addition to its outright borrowings, YWS holds a portfolio of inflation-linked derivatives with a notional amount of around £1.3 billion, which had a negative mark-to-market (MTM) value of just under £2.1 billion, equivalent to around 33% of the RCV, as at March 2018, a reduction from the previous years.

	S&P	Moody's	Fitch
Update	Sep-18	Feb-19	Feb-19
Class A	A- (stable)	Baa1 (negative)	A (negative)
Class B	BBB (stable)	Ba1 (negative)	BBB+ (negative)

#### **S&P Global** Ratings

- Our view of the Yorkshire Water Services financing group's underlying credit quality reflects our expectation that its sole U.K. water operating subsidiary, Yorkshire Water Services (YWS), will generate stable cash flows from its regulated activities and maintain adequate operating performance.
- We also expect YWS financing group to maintain weighted average adjusted funds from operations (FFO) to total debt of at least 6% and weighted average adjusted FFO to senior (Class A) debt of at least 7% for the remainder of the current regulatory period to March 31, 2020, which we deem commensurate with the current ratings.

## **Fitch**Ratings

- The revision of the Outlook reflects our expectations that YW's financial profile and, in particular, gearing in the next regulatory period, AMP7, could be weak for the current ratings.
- Fitch's preliminary forecast suggests net senior adjusted debt-to-regulatory capital value (RCV) of around 81%\* at FYE25 (financial year ending March) versus our negative rating sensitivity of 77%.
- We expect to revisit the Outlook after the regulator publishes its AMP7 price determinations.

\* Fitch adjusted metric. Fitch have recently introduced an adjustment to Net Debt which unwinds the benefit received from our AMP6 swap restructurings.



# Financing

27

000000

ķш

LILLE

YorkshireWater

3 9 🗸 6 💊 8

## 2018/19 Financing Update



Completed a number of projects to improve ongoing financial resilience and transparency:

- Final disposal of non-regulated Kelda Water Services companies and push-down of proceeds to Yorkshire Water
- Removed Cayman Island finance companies, liquidation in progress
- Final swap restructuring to take AMP7 annual interest savings to £51m and to address mandatory swap breaks
- Raised £275m of bilateral loans and private placements for tenors between 10 years and 20 years, including £125m of CPI linked loans
- Option taken to extend £560m revolving credit facility by one year to October 2023
- Renewed liquidity facilities totalling £274m until March 2020



## Yorkshire Water Financing Group ("YWFG")



Yorkshire Water Services Holdings Ltd

Yorkshire Water Finance Plc

#### **Class A**

£1,426m Fixed Bonds \$335m Fixed USD USPPs £340m Fixed GBP USPPs AU\$50m Fixed AUD Bonds £438m\*\* RPI-Linked Bonds £50m\*\* RPI-Linked USPPs

**Class B** £90m Fixed Bonds \$75m Fixed USD USPP £200m Fixed-FRN NC2023 Bonds

\*\* Outstanding at time of issue.

Yorkshire Water Services Ltd

#### **Class A**

£1,289m RPI-Linked Swaps \$475m Fixed-FRN USD XCCY Swaps AU\$50m Fixed-FRN AUD XCCY Swap £475 Fixed-FRN IRS £50m Fixed Loans £47m EIB Fixed Loans £100m Fixed GBP USPPs £120m EIB FRN Loans £102m FRN Finance Leases £125m\*\* CPI-Linked Loans

#### **Class B**

£125m\*\* RPI-Linked Loans £75m FRN Loans

#### Yorkshire Water Services Finance Ltd

#### Class A

£214m Fixed Bonds £500m\*\* RPI-Linked Bonds

#### Supported by:

- £560m Revolving Credit Facility
- £189m DSR Liquidity Facility
- £85m O&M Liquidity Facility



### **Debt Maturity Profile** (excluding inflation uplift)







### Breakdown of Debt (excluding derivatives and inflation uplift)





Source: Management analysis as at 31 March 2019, excludes RCF Drawings.



#### **Derivatives Portfolio**



Index Linked Swaps		Notional Value
With Breaks (break date)	PAYG	£m
2023	Ν	103.9
2023	Y	47.6
2025	Ν	23.4
2030	Ν	117.5
Sub total - IL Swaps with breaks		292.5
No Breaks (maturity)	PAYG	£m
2026	Ν	176.9
2038	Ν	28.6
2038	Y	115.9
2041	Y	15.4
2043	Ν	272.1
2043	Y	46.5
2048	Y	225.5
2063	N	115.5
Sub total - IL Swaps with no breaks		996.5
Total IL swaps		1,289.0

Class (£m)	Notional value	Fair value Sep 2018	
Super-Senior	1,289	(1,926)	
Class A	770	105	
Class B	165	105	
Total	2,224	(1,821)	

Interest Rate Swaps	Notional Value
by Туре	£m
Floating to Fixed Vanilla Swaps (no breaks)	45.0
Fixed to Floating Vanilla Swaps (no breaks)	250.0
Fixed to Floating Vanilla Swap (no breaks) USPP (2029)	90.0
Fixed to Floating Vanilla Swap (no breaks) Class B debt	90.0
Total £ vanilla swaps	475.0

Cross-currency swaps	Notional Value
by M aturity	US\$m
2021(December 13)	115.0
2022 (January 5)	40.0
2022 (January 5 - Class B)	75.0
2023 (December 13)	150.0
2024 (January 5)	30.0
Total US\$ cross-currency swaps	455.0

AUD fixed rate bond : cross-currency swap	Notional Value
by M aturity	A UD m
2023 (April 26)	50.0
Total AUD cross-currency swaps	50.0

Source: Yorkshire Water Services Limited Interim Report and Financial Statements for the 6 month period ended 30 September 2018.





Appendix

# Yorkshire Water at a glance



UT

2 😼 💊 🍆 🖻

### **Yorkshire Water at a Glance**

Providing essential water and wastewater services to the people and businesses of the Yorkshire and Humberside region





Collecting, treating and supplying around 1.3bn litres of water every day



Collecting, treating, and safely returning 1bn litres of water to the environment every day



Investing over £1m every day to maintain and enhance Yorkshire's network of water pipes, pumps and treatment works



Recycling nutrients and generating energy from leftover human waste



Managing 28,000 hectares of land to protect water quality and enable recreational opportunities



All delivered by around 3,500 employees using a fleet of over 2,000 vehicles and increasingly complex technology, delivering for today and planning for the long-term



Managing £1bn of water bills every year and providing customer service when it's needed



## **Group Corporate Structure**



- Kelda Holdings owned by a consortium of infrastructure investors and state funds
- · Core focus on regulated operating company
- Disposals of non-regulated companies in AMP6 (e.g. KWS Defence/Grampian/Alpha) with net proceeds pushed into Yorkshire Water
- Remaining non-regulated companies:
  - **Three-Sixty** non-household retail customer management unit (in negotiations to sell)
  - Loop household retail customer management
  - KeyLand manages, develops and disposes of surplus land assets
  - KWS now holds mostly dormant companies for liquidation
- HoldCo debt held in entities owned by Kelda Group Ltd



ringfence

## **Group Corporate Governance**







## **YW Executive Directors**





Richard Flint Chief Executive Officer

#### Appointed – April 2010

Chief Executive of the Kelda Group and Chief Executive of YWS with effect from 1 April 2010 and previously was the Chief Operating Officer of YWS (2008-2010) and Director of the company's water business unit (2003-2008). Previously, he held a number of senior operational positions in YWS. He was appointed to the board of Kelda Holdings Limited and Kelda Eurobond Co Limited in March 2010. He has also been a director of Kelda Water Services Limited, KeyLand Developments Limited, Three Sixty Water Limited and Loop Customer Management Limited, and served as Chairman of these companies.



Nevil Muncaster Director of Asset Management

#### Appointed – May 2013

Previously Director of the Asset Delivery Business Unit. Nevil joined YWS in 2013 from Veolia Water where he worked for more than 20 years and held the roles of Managing Director of Veolia Water Southeast Limited (formerly Folkestone and Dover Water) and Veolia Water East Ltd (formerly Tendring Hundred Water).



#### Liz Barber Director of Finance, Regulation & Markets

#### Appointed – November 2010

Appointed as Group Finance and Regulation Director in November 2010, now Group Finance, Regulation and Markets Director. Liz joined YWS from Ernst & Young where she held a number of senior roles, including leading the firm's national water team and the assurance practice across the North of England. She had been with Ernst & Young since 1987 and in that time worked with a number of water companies and the regulators in England, Wales and Scotland. Liz is a Fellow of the Institute of Chartered Accountants in England and Wales. She was appointed to the boards of Kelda Holdings Limited and Kelda Eurobond Co Limited in November 2010. She was also appointed as a director of Kelda Water Services Limited in December 2010, Loop Customer Management Limited in May 2016 and Three Sixty Water Limited in November 2016.



# YorkshireWater

# Thank you – Q&A

2 🗴 💊 🔽