

Report Price: £995.00 | \$1611.35 | €1263.96

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.



"The estimated cost of implementing the Water Framework Directive (WFD) is around £30 billion over 43 years, of which around 40% will be accounted for by water companies' direct infrastructure and management spending. The WFD will continue to be a key driver for capital investment in the water and sewerage industry." — Claudia Preedy, Industrial Analyst

This report looks at the following areas:

- What are the key drivers for capital investment in the water and sewerage industry?
- What have been the capital expenditure patterns by individual water and sewerage companies during the last five years?
- Is there a shift from capital project investment towards asset maintenance?
 How do the changes in the regulatory environment for the Asset Management Period
- 2015-20 (AMP6) affect the industry's approach to capital investment? • What are water and sewerage companies' spending proposals for AMP6?

For the current asset management period AMP6 2015-20, water and sewerage companies have opted for alliances and framework agreements when procuring work from the supply chain. A number of new contracts also contain an option to be extended beyond the five-year period, with the longest collaboration in the industry potentially lasting up to 15 years. This trend reflects changes in the regulatory framework, which puts increased emphasis on long-term outcomes, asset life cycle management, delivering customer value and efficiencies. This has prompted the industry to work more collaboratively with delivery partners to meet new regulatory requirements and achieve greater efficiencies in delivering their business plans.

BUY THIS REPORT NOW

VISIT: store.mintel.com

CALL: EMEA +44 (0) 20 7606 4533

> Brazil 0800 095 9094

Americas +1 (312) 943 5250

APAC +61 (0) 2 8284 8100

EMAIL: reports@mintel.com

DID YOU KNOW?

This report is part of a series of reports, produced to provide you with a more holistic view of this market



Report Price: £995.00 | \$1611.35 | €1263.96

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

Table of Contents

Executive Summary The market Capital expenditure tends to be cyclical and determined by the five-year spending periods Few major capital projects undertaken during AMP5 (2010-15) Figure 1: UK capital expenditure on water and sewerage services, 2009/10-2013/14 Non-infrastructure maintenance spending dominates sewerage capital expenditure Non-infrastructure maintenance spending accounts for nearly 40% of water-related capital expenditure in 2013/14 Figure 2: Analysis of sewerage capital expenditure in England and Wales by water and sewerage companies, by type, 2013/14 Figure 3: Analysis of water capital expenditure in England and Wales by water and sewerage companies, by type, 2013/14 Move towards total expenditure in AMP6 2015-20 to reduce bias towards capital programmes Shift in industry focus towards asset management and maintenance Total capital expenditure projected to reach £23.4 billion during AMP6 £4.2 billion Thames Tideway Tunnel to represent largest capital project over next decade Figure 4: Capital expenditure in the water and sewerage industry during AMP6 in England & Wales, 2015/16-2019/20 Market factors Water Framework Directive (WFD) Urban Waste Water Treatment Directive (UWWTD) Figure 5: Sewerage treatment enhancement expenditure driven by UWWTD in England & Wales, 1990-2015 Water retail market to open up to all business customers in England & Wales in 2017 Companies What we think **Key Insights** What are the implications of the Water Framework Directive for the UK water & sewerage industry? What does the shift towards total expenditure (Totex) and long-term outcomes in AMP6 mean for the industry? Are companies forming more long-term relationships with their supply chain and delivery partners? Introduction Definitions Methodology Abbreviations Market positioning **UK Economy** Overview Inflation Interest rates Consumer spending

Business investment

BUY THIS REPORT NOW



Report Price: £995.00 | \$1611.35 | €1263.96

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

Market Factors

Key points

Industry regulation

Legislative environment

European Water Framework Directive (WFD)

Urban Waste Water Treatment Directive (UWWTD)

Figure 6: Sewerage treatment enhancement expenditure driven by UWWTD in England & Wales, 1990-15

Figure 7: Sewerage treatment enhancement expenditure driven by UWWTD in England & Wales graph, 1990-15

The Drinking Water Directive

Revised Bathing Water Directive

Figure 8: UK coastal bathing water compliance with Bathing Water Directive for mandatory coliform standards, as of 2014

Transfer of private sewers in England and Wales

Figure 9: Capital expenditure on private sewers in England & Wales, by water and sewerage company, 2012-15

The Flood and Water Management Act 2010

Water Act 2014 to open up water and sewerage retail competition for all business customers in 2017

Industry Structure

Key points

England & Wales

Figure 10: Details of water and sewerage companies, as of March 2015

Figure 11: Details of water-only companies, as of March 2015

Sewerage services

Figure 12: Details of companies that supply sewerage services to water-only companies, as of March 2015

Figure 13: Sewerage customers of water and sewerage companies, household and non-household, 2012/13 and 2013/14

Figure 14: Sewerage customers of water and sewerage companies, household and non-household graph, 2013/14

Sewage treatment processes

Water services

Figure 15: Turnover from water services in England and Wales, by type, 2009/10-2013/14

Regulators

Performance

Figure 16: Internal sewer flooding indicators in England and Wales, by company, 2011/12-2013/14

Figure 17: Ofwat final determinations for sewer flooding expenditure, by water and sewerage company, 2010-15

Figure 18: Expenditure to reduce flooding risk for properties in England & Wales, by water and sewerage company, 2010/11-2014/15

Scotland

Northern Ireland

Capital Expenditure

Key points

Total capital expenditure

Figure 19: Total capital expenditure by water and sewerage companies in England & Wales, 2005-10 and 2010-15

BUY THIS REPORT NOW



Report Price: £995.00 | \$1611.35 | €1263.96

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

Figure 20: Total capital expenditure by water-only companies in England & Wales, 2005-10 and 2010-15

Figure 21: Actual UK capital expenditure on water and sewerage services, 2009/10-2014/15

Figure 22: UK capital expenditure on water and sewerage services, 2009/10-2013/14

Figure 23: UK capital expenditure on water and sewerage services graph, 2009/10-2013/14

Sewerage-related capital expenditure

Figure 24: Analysis of sewerage-related capital expenditure in England and Wales, by company, 2008/09-2013/14

Figure 25: Analysis of sewerage-related capital expenditure, by water and sewerage companies in England and Wales, 2008/09-2013/

Figure 26: Analysis of sewerage capital expenditure in England and Wales by water and sewerage companies, by type, 2011/12-2013/

Figure 27: Sewers renovated and replaced in England and Wales, by company, 2009/10-2013/14

Water-related capital expenditure

Figure 28: Analysis of water related capital expenditure, by water and sewerage companies in England and Wales, 2008/09-2013/14 Figure 29: Analysis of water related capital expenditure, by water and sewerage companies in England and Wales graph, 2008/ 09-2013/14 Figure 30: Analysis of water capital expenditure in England & Wales, by water and sewerage companies, by purpose, 2013/14 Figure 31: Analysis of water capital expenditure by water-only companies in England & Wales, by type, 2013/14 Figure 32: Analysis of water capital expenditure in England and Wales, by water and sewerage companies, by type, 2011/12-2013/14 Figure 33: Analysis of water capital expenditure in England and Wales graph, by water and sewerage companies, by type, 2011/12-2013/14 Figure 34: Analysis of water capital expenditure in England and Wales, by water-only companies, by type, 2011/12-2013/14 Figure 35: Analysis of water capital expenditure in England and Wales, by water-only companies, by type, 2011/12-2013/14

Scottish Water capital expenditure

Figure 36: Analysis of Scottish Water capital expenditure on water and sewerage service, 2009/10-2013/14

Figure 37: Analysis of Scottish Water capital expenditure on water and sewerage services graph, 2008/09-2012/13

Figure 38: Progress of Scottish Water to date in the Five Year Investment Programme 2010/15

Northern Ireland capital expenditure

Figure 39: Analysis of Northern Ireland Water capital expenditure on water and sewerage services, 2009/10-2013/14

Company Analysis

Key points

Anglian Water Services

Anglian Water's reduces the number of framework agreements for AMP6

Figure 40: Financial analysis of Anglian Water Services, 2010-14

Figure 41: Number of properties billed by Anglian Water, 2012/13-2013/14

Figure 42: Anglian Water, infrastructure details, 2009/10-2013/14

Figure 43: Total capital expenditure of Anglian Water, 2009/10-2013/14

Figure 44: Analysis of sewerage capital expenditure by Anglian Water Services, by type, 2012/13-2013/14

Figure 45: Analysis of water capital expenditure by Anglian Water, by type, 2012/13-2013/14

United Utilities Water

Five delivery partners selected for £3.4 billion AMP6 programme

Figure 46: Financial analysis of United Utilities Water, 2010-14

Figure 47: Number of properties billed by United Utilities, 2012/13-2013/14

BUY THIS REPORT NOW



Report Price: £995.00 | \$1611.35 | €1263.96

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

Figure 48: United Utilities, infrastructure details, 2009/10-2013/14 Figure 49: Total capital expenditure of United Utilities, 2009/10-2013/14 Figure 50: Analysis of sewerage capital expenditure by United Utilities, by type, 2012/13-2013/14 Figure 51: Analysis of water capital expenditure by United Utilities, by type, 2012/13-2013/14

Northumbrian Water

Figure 52: Financial analysis of Northumbrian Water, 2009-13

- Figure 53: Number of properties billed by Northumbrian Water, 2012/13-2013/14
- Figure 54: Northumbrian Water, infrastructure details, 2008/09-2012/13
- Figure 55: Total capital expenditure of Northumbrian Water, 2008/09-2012/13
- Figure 56: Analysis of sewerage capital expenditure by Northumbrian Water, by type, 2012/13-2013/14
- Figure 57: Analysis of water capital expenditure by Northumbrian Water, by type, 2011/12-2012/13

Severn Trent Water

Severn Trent reappoints seven contractors for AMP6

Figure 58: Financial analysis of Severn Trent Water, 2010-14

Figure 59: Number of properties billed by Severn Trent Water, 2011/12-2012/13

Figure 60: Severn Trent Water, Infrastructure Details, 2009/10-2013/14

- Figure 61: Total capital expenditure of Severn Trent Water, 2009/10-13/14
- Figure 62: Analysis of sewerage capital expenditure by Severn Trent Water, by type, 2012/13-2013/14
- Figure 63: Analysis of water capital expenditure by Severn Trent Water, by type, 2012/13-2013/14

South West Water

South West Water accelerates AMP6 work

Figure 64: Financial analysis of South West Water, 2010-14

- Figure 65: Number of properties billed by South West Water, 2012/13-2013/14
- Figure 66: South West Water, infrastructure details, 2009/10-2013/14
- Figure 67: Total capital expenditure of South West Water, 2009/10-2013/14
- Figure 68: Analysis of sewerage capital expenditure by South West Water, by type, 2012/13-2013/14
- Figure 69: Analysis of water capital expenditure by South West Water, by type, 2012/13-2013/14

Southern Water Services

Southern Water brings project design back in-house for AMP6

Figure 70: Financial analysis of Southern Water Services, 2010-14

- Figure 71: Number of properties billed by Southern Water, 2012/13-2013/14
- Figure 72: Southern Water, infrastructure details, 2009/10-2013/14
- Figure 73: Total capital expenditure of Southern Water Services, 2009/10-2013/14
- Figure 74: Analysis of sewerage capital expenditure by Southern Water Services, by type, 2012/13-2013/14
- Figure 75: Analysis of water capital expenditure by Southern Water Services, by type, 2012/13-2013/14

Thames Water Utilities

Figure 76: Financial analysis of Thames Water Utilities, 2010-14

Figure 77: Number of properties billed by Thames Water Utilities, 2012/13-2013/14

BUY THIS REPORT NOW



Report Price: £995.00 | \$1611.35 | €1263.96

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

	Figure 78: Thames Water Utilities, infrastructure details, 2009/10-2013/14
	Figure 79: Total capital expenditure of Thames Water Utilities, 2009/10-2013/14
	Figure 80: Analysis of sewerage capital expenditure by Thames Water Utilities, by type, 2012/13-2013/14
	Figure 81: Analysis of water capital expenditure by Thames Water Utilities, by type, 2012/13-2013/14
۵	Dŵr Cymru Cyfyngedig
	Figure 82: Financial analysis of Dŵr Cymru Cyfyngedig, 2010-14
	Figure 83: Number of properties billed by Dŵr Cymru Cyfyngedig, 2011/12-2012/13
	Figure 84: Dŵr Cymru Cyfyngedig, infrastructure details, 2009/10-2013/14
	Figure 85: Total capital expenditure of Dŵr Cymru Cyfyngedig, 2009/10-2013/14
	Figure 86: Analysis of sewerage capital expenditure by Dŵr Cymru Cyfyngedig, by type, 2012/13-2013/14
	Figure 87: Analysis of water capital expenditure by Dŵr Cymru Cyfyngedig, by type, 2012/13-2013/14
V	Nessex Water
	Figure 88: Financial analysis of Wessex Water, 2010-14
	Figure 89: Number of properties billed by Wessex Water, 2012/13-2013/14
	Figure 90: Wessex Water, infrastructure details, 2009/10-2013/14
	Figure 91: Total capital expenditure of Wessex Water, 2009/10-2013/14
	Figure 92: Analysis of sewerage capital expenditure by Wessex Water, by type, 2012/13-2013/14
	Figure 93: Analysis of water capital expenditure by Wessex Water, by type, 2012/13-2013/14
١	forkshire Water Services
	Figure 94: Financial analysis of Yorkshire Water Services, 2010-14
	Figure 95: Number of properties billed by Yorkshire Water, 2012/13-2013/14
	Figure 96: Yorkshire Water, infrastructure details, 2009/10-2013/14
	Figure 97: Total capital expenditure of Yorkshire Water Services, 2009/10-2013/14
	Figure 98: Analysis of sewerage capital expenditure by Yorkshire Water Services, by type, 2012/13-2013/14
	Figure 99: Analysis of water capital expenditure by Yorkshire Water Services, by type, 2012/13-2013/14
S	Statutory Water Companies
	Figure 100: Analysis of water capital expenditure in England and Wales, by water-only companies, by type, 2011/12-2013/14
S	Scottish Water
	Figure 101: Financial analysis of Scottish Water, 2010-14
ľ	Northern Ireland Water
	Figure 102: Financial analysis of Northern Ireland Water, 2010-14

Market Forecast

Key points

25-year strategic direction statements

Figure 103: UK population, by region, 2013-25

Forecast capital expenditure

England & Wales - AMP6 2015-20

BUY THIS REPORT NOW



Report Price: £995.00 | \$1611.35 | €1263.96

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

Figure 104: Average expected combined household bill, by water and sewerage companies, 2014/15 and 2019/20 Figure 105: Average expected household water bill, by water-only companies, 2014/15 and 2019/20

AMP6 Expenditure Allowances

Move towards long-term alliances and frameworks across industry

Figure 106: Total expenditure (Totex) allowance for AMP6 in England & Wales, by water & sewerage company, 2015/16-2019/20 Figure 107: Total expenditure (Totex) allowance for AMP6 in England & Wales graph, by water & sewerage company, 2015/16-2019/20 Figure 108: Forecast capital expenditure for AMP6 in England & Wales, by water & sewerage company, 2015/16-2019/20 Figure 109: Forecast capital expenditure for AMP6 in England & Wales graph, by water & sewerage company, 2015/16-2019/20 Figure 110: Forecast capital expenditure for AMP6 in England & Wales graph, by water only company, 2015/16-2019/20

Thames Tideway Tunnel

Figure 111: Estimated cost of Thames Tideway Tunnel, 2014/15-2021/22+

Scotland Investment Programme 2015-2021

Figure 112: Forecast capital expenditure for Scottish Water, 2015/16-2020/21

Northern Ireland Investment Programme 2015/16-2020/21

Further Sources and Contacts

Trade associations and regulatory bodies

Trade magazines

BUY THIS

Trade exhibitions