



| Client name:                                     | United Utilities |
|--|------------------|
| Project name: Climate Change Research - BUSINESS |                  |
| Job number:                                      | 7609             |
| Methodology:                                     | ONLINE PANEL     |
| Version  | 4                |

## **Notes on this document**

- Instructions in CAPS are for computer programming
- Instructions in *italics* are for participants
- **Bold** or <u>underlined</u> words are for emphasis within a question
- Different question types have different numbers:
  - o Screener questions are labelled S01, S02, S03 etc.
  - o Main survey questions are labelled Q01, Q02, Q03 etc.
  - Further demographic / classification questions are labelled C01, C02, C03 etc.
  - Number codes are included on each question for data processing purposes

# Questionnaire quality checklist

Please use this list to check your script before it is sent to data for set up. Speak to your PM if you are unsure about any of these checks.

Are quotas or sampling requirements clearly specified?

Is the script labelled with the client name, job, project code and version?

Do all questions have a unique number?

Are all questions numbered consistently with proper conventions for screener (S0X) and classification (C0X) questions?

Have all information pages been entered correctly as 'INFO1', 'INFO2'...

Have all notes to data (which aren't questions) been entered onto one line starting with 'DP NOTE: '?

Is each question to one of the specified question types? (See 'labelling\_questionnaire.xls' in your project file if you aren't sure).

Have all grid questions been entered into separate tables with the grid label (column) first then a separate table for grid item (row)? Does each question have a base description which begins 'Base:'?

Are routing instructions easy to understand, do they reference the correct questions earlier in the survey?

Are exclusive and fixed codes identified where necessary?

Are answer lists ordered or randomized appropriately?

Is the phrasing of each question complete, simple and easily read on screen and aloud?

Is the phrasing of each question appropriate for its delivery mode (self-completion or interviewer led)?

Do the answer codes of closed questions relate directly to the question?

Have options for 'other, don't know etc.' been deployed appropriately?

Do all sensitive or personal questions include 'Prefer not to say'?

Are answer options coded correctly (Unique, sequential order 1~79)

Are all DK/PNTS options coded correctly? (80~99)

- Other (80 82)
- Don't know (85)
- Prefer not to say / refused (86)
- None of the above / not applicable (87)
- Can't remember (88)
- Not stated / not answered (89)

Does this survey require any of the following? Include if appropriate

- Contact collection for further research
- Contact collection for interviewer validation

\_abelling

Routing, ordering

Language

Code labels

Quality

# Attention or data quality check questions Have you proof-read the questionnaire for spelling and grammatical errors?

Please confirm that you have checked this script against these criteria:

Initials Date

## Introduction

Thank you for agreeing to take part in this survey. This survey is being conducted by DJS Research on behalf of United Utilities. United Utilities would like to hear from business customers to understand more about their views on climate change in relation to water and wastewater services and what this may mean for United Utilities.

United Utilities is keen to hear your views and would appreciate it if you could spare 15 minutes of your time to fill in this questionnaire.

All your responses to the survey will be treated in the strictest confidence in accordance with the General Data Protection Regulation and Market Research Society Code of Conduct. To view our privacy policy please click here.

Please click 'next' to begin the survey.

We are very keen to understand the views of the person responsible for utility bills, including water in your organisation.

## **QUOTAS -TOTAL 100 INTERVIEWS**

| BUSINESS SIZE    | QUOTA LIMIT                       | TAKEN FROM WHERE? |
|------------------|-----------------------------------|-------------------|
| 0-49 employees   | 150 (100 0-9; 50<br>10-49 soft)   | S06b              |
| 50-249 employees | 90 (60 50-99; 30<br>100-249 soft) | S06b              |
| 250+ employees   | 60                                | S06b              |

| SECTOR | QUOTA LIMIT |  |
|--------|-------------|--|
|        |             |  |

Please click 'next' to start the survey.

| Screeners |  |  |
|-----------|--|--|

## S01.

# **Base: All respondents**

Are you responsible for selecting and/or managing utility suppliers, including water and do you know the size of your organisation's water bills?

## SINGLE RESPONSE

| Code | Answer list | Scripting notes | Routing  |
|------|-------------|-----------------|----------|
| 1    | Yes         |                 | CONTINUE |
| 2    | No          |                 | CLOSE    |

# Screen out text (for all screening questions):

Thank you for your answers. Unfortunately, you do not fit the criteria we require for this survey.

# **S02**

# **Base: All respondents**

What is your job title and general role and responsibilities?

## **OPEN RESPONSE**

#### S03.

# **Base: All respondents**

Is this business run from a business premises or from somewhere else, e.g. a home residence or a mobile business?

## SINGLE RESPONSE

| Code | Answer list  | Scripting notes | Routing          |
|------|--|-----------------|------------------|
| 1    | Business premises                                      |                 |                  |
| 2    | No fixed business premises (e.g. van / home residence) |                 | THANK &<br>CLOSE |
| 85   | Don't know   |                 | THANK &<br>CLOSE |

## **S04**

# **Base: All respondents**

Which of the following counties does your organisation operate from (if you have more than one site, please select all which apply).

# **MULTI RESPONSE**

| Code | Answer list        | Scripting notes | Routing |
|------|--------------------|-----------------|---------|
| 1    | Cumbria            |                 |         |
| 2    | Merseyside         |                 |         |
| 3    | Greater Manchester |                 |         |
| 4    | Lancashire         |                 |         |
| 5    | Cheshire           |                 |         |
| 6    | North Derbyshire   |                 |         |
| 7    | None of these      |                 | CLOSE   |
| 85   | Don't know         |                 | CLOSE   |

## S05a.

# **Base: All respondents**

How many sites does your business have across these counties? Please type in a number (i.e. 2). If you are not sure, please give your best guess

# OPEN RESPONSE. NUMERIC BOX

| Code | Answer list | Scripting notes | Routing |
|------|-------------|-----------------|---------|
| 85   | Don't know  |                 |         |

# S05b.

# **Base: All respondents**

And how many sites does your business have in the UK?

# OPEN RESPONSE. NUMERIC BOX

| Code | Answer list | Scripting notes | Routing |
|------|-------------|-----------------|---------|
| 85   | Don't know  |                 |         |

# S06a.

# **Base: All respondents**

How many employees are there in total in the business in the UK?

| Code | Answer list   | Scripting notes | Routing |
|------|---------------|-----------------|---------|
| 1    | 1             |                 |         |
| 2    | 2-9           |                 |         |
| 3    | 10-49         |                 |         |
| 4    | 50-99         |                 |         |
| 5    | 100-249       |                 |         |
| 6    | 250-499       |                 |         |
| 7    | More than 500 |                 |         |
| 85   | Don't know    |                 |         |



# S06b.

# **Base: All respondents**

Please give a rough estimate of the number of employees based in the North West of England including yourself.

| Code | Answer list   | Scripting notes | Routing |
|------|---------------|-----------------|---------|
| 1    | 1             | CHECK QUOTAS    |         |
| 2    | 2-9           | CHECK QUOTAS    |         |
| 3    | 10-49         | CHECK QUOTAS    |         |
| 4    | 50-99         | CHECK QUOTAS    |         |
| 5    | 100-249       | CHECK QUOTAS    |         |
| 6    | 250-499       | CHECK QUOTAS    |         |
| 7    | More than 500 | CHECK QUOTAS    |         |
| 85   | Don't know    |                 | CLOSE   |



# **Base: All respondents**

How does your organisation mainly use water? You can choose more than one answer

## MULTI RESPONSE

| Code | Answer list  | Scripting notes | Routing |
|------|--|-----------------|---------|
| 1    | The manufacturing process which is essential to the running of your organisation (e.g. to power machinery, agricultural production etc.) |                 |         |
| 2    | The supply of services your organisation provides (e.g. cleaning services etc.)  |                 |         |
| 3    | An ingredient or part of the product or service your organisation provides (e.g. food or drink, chemical, cosmetics manufacturer etc.)   |                 |         |
| 4    | Normal domestic use for your organisation's customers and employees (e.g. customer toilets, supply of drinking water)                    |                 |         |
| 87   | None of the above  | EXCLUSIVE       |         |
| 85   | Don't know   | EXCLUSIVE       |         |

# S08.

# **Base: All respondents**

Can you estimate how much you pay for your water and sewerage services in the North West each year?

| Code | Answer list    | Scripting notes | Routing |
|------|----------------|-----------------|---------|
| 1    | Less than £500 |                 |         |
| 2    | £500-£999      |                 |         |
| 3    | £1,000-£1,999  |                 |         |
| 4    | £2,000-£4,999  |                 |         |

| 5  | £5,000-£9,999   |  |
|----|-----------------|--|
| 6  | £10,000-£49,999 |  |
| 7  | £50,000-£99,999 |  |
| 8  | £100k-£249k     |  |
| 9  | £250k or more   |  |
| 85 | Don't know      |  |

# S09.

# All respondents

Which of the following best describes the industry or sector that your company operates in?

| Code | Answer list   | Scripting notes | Routing |
|------|---|-----------------|---------|
| 1    | Financial Services  | CHECK QUOTAS    |         |
| 2    | IT / Communication services   | CHECK QUOTAS    |         |
| 3    | Media / Publishing  | CHECK QUOTAS    |         |
| 4    | Business Services   | CHECK QUOTAS    |         |
| 5    | Other Services (e.g.<br>Hairdresser/beauty)                                     | CHECK QUOTAS    |         |
| 6    | Tourism – e.g. hotels, guest houses, campsites                                  | CHECK QUOTAS    |         |
| 7    | Catering – e.g. restaurants, cafes, pubs  | CHECK QUOTAS    |         |
| 8    | Transport / Distribution  | CHECK QUOTAS    |         |
| 9    | Construction and Property Development (including Plumbing/ Heating/ Electrical) | CHECK QUOTAS    |         |
| 10   | Manufacturing & Engineering   | CHECK QUOTAS    |         |
| 11   | Government/ Public Sector   | CHECK QUOTAS    |         |
| 12   | Entertainment / Culture / Sport   | CHECK QUOTAS    |         |
| 13   | Wholesale   | CHECK QUOTAS    |         |
| 14   | Retail  | CHECK QUOTAS    |         |
| 15   | Healthcare and Social work – public sector                                      | CHECK QUOTAS    |         |

| 16 | Healthcare and Social work – private sector | CHECK QUOTAS |       |
|----|---|--------------|-------|
| 17 | Agriculture / Forestry / Fishing            | CHECK QUOTAS |       |
| 18 | Energy / Utilities                          | CHECK QUOTAS |       |
| 19 | Education                                   | CHECK QUOTAS |       |
| 80 | Other (Please Specify)                      | CHECK QUOTAS |       |
| 86 | I'd rather not say                          |              | CLOSE |
| 85 | Don't know                                  |              | CLOSE |

#### INFO-S1.

# **Base: All respondents**

Since April 2017, businesses, charities and public sector organisations in England have been able to change the company providing their water and sewerage retail services (as they are able to with energy), or negotiate a better deal with their existing service provider. Retailers provide bills, customer services and read any water meters. United Utilities is a wholesale water and wastewater company. Its responsibility is to ensure that safe clean water reaches your business and that wastewater is removed from business premises.

Please click 'next' to continue.

## S10.

## **Base: All respondents**

Which water company bills your business for water and sewerage services, provides customer services and reads any water meters at this site?

| Code | Answer list                      | Scripting notes | Routing |
|------|----------------------------------|-----------------|---------|
| 1    | Advanced Demand Side Management  |                 |         |
|      | (adsm)                           |                 |         |
| 2    | Affinity for Business (Retail)   |                 |         |
| 3    | Business Stream                  |                 |         |
| 4    | Cambrian Utilities               |                 |         |
| 5    | Castle Water                     |                 |         |
| 6    | Clear Business Water             |                 |         |
| 7    | Everflow                         |                 |         |
| 8    | First Business Water             |                 |         |
| 9    | Independent Water Networks (IWN) |                 |         |
| 10   | Olympos Water                    |                 |         |

| 11 | Pennon Water Services (Source for |      |       |
|----|-----------------------------------|------|-------|
|    | Business)                         |      |       |
| 12 | Regent Utilities                  |      |       |
| 13 | SES Business Water                |      |       |
| 14 | Smarta Water                      |      |       |
| 15 | Source for Business (Pennon)      |      |       |
| 16 | SSE Water                         |      |       |
| 17 | The Water Retail Company          |      |       |
| 18 | United Utilities                  |      | INFO2 |
| 19 | Utility bidder                    |      |       |
| 20 | Veolia                            |      |       |
| 21 | Water 2 Business                  |      |       |
| 22 | Water Plus                        |      |       |
| 23 | Waterscan                         |      |       |
| 24 | Wave                              |      |       |
| 25 | Yü water                          |      |       |
| 26 | Self supply retailer              |      |       |
| 80 | Other (specify)                   | OPEN |       |
| 85 | Don't know                        |      |       |

# INFO-S2. Base: United Utilities (18) or Don't Know (85) selected at S10.

In April 2017, all businesses who were customers of United Utilities were transferred over to Water Plus who took over the billing, metering and customer services for these customers. If you have not actively switched water supplier, you will be billed by Water Plus.

Please click 'next' to continue.

## **MAIN QUESTIONNAIRE**

# Q01.

# **Base: All respondents**

On a scale of 1-10, where 1 is not at all concerned and 10 is extremely concerned, as a business, how concerned are you about the following?

# SINGLE GRID, RANDOMISE STATEMENTS

| Code | Answer list       | Scripting notes | Routing |
|------|-------------------|-----------------|---------|
| 1    | INSERT SCALE 1-10 |                 |         |
| 85   | I'm not sure      |                 |         |

| Code | Statement list                       | Scripting notes | Routing |
|------|--------------------------------------|-----------------|---------|
| 1    |                                      | BANK WITH       |         |
|      | Climate change in the UK             | CODE 2          |         |
| 2    | Climate change in your region (North | BANK WITH       |         |
|      | West)                                | CODE 1          |         |
| 3    | Brexit                               |                 |         |
| 4    | Covid-19 pandemic                    |                 |         |
| 5    | Global recession                     |                 |         |
| 6    | Poverty and inequality               |                 |         |
| 7    | Crime                                |                 |         |

# Q02.

## **Base: All respondents**

Please summarise the reasons behind the scores you have just given for how concerned you are about climate change. If your scores are different for UK vs the North West, please tell us why.

As a reminder they were:

In the UK = [INSERT SCORE FROM Q01 - CODE 1]
In the North West of England = [INSERT SCORE FROM Q01 - CODE 2]

Please type in your answer below

## **OPEN TEXT**

| Code | Answer list  | Scripting notes | Routing |
|------|--------------|-----------------|---------|
| 85   | I'm not sure |                 |         |

## Q03.

# **Base: All respondents**

Have any of the following events had an impact on how concerned you are about **climate change** – if so, have they made you more or less concerned?

## SINGLE GRID, RANDOMISE STATEMENT

| Code | Answer list  | Scripting notes | Routing |
|------|--|-----------------|---------|
| 1    | <b>More</b> concerned about the impact of climate change |                 |         |
| 2    | <b>Less</b> concerned about the impact of climate change |                 |         |
| 3    | No change on my views                                    |                 |         |

| Code | Statement list     | Scripting notes | Routing |
|------|--------------------|-----------------|---------|
| 1    | Covid-19 pandemic  |                 |         |
| 2    | Brexit             |                 |         |
| 3    | Economic recession |                 |         |
| 4    | US election        |                 |         |

## INFO1.

## **Base: All respondents**

Please read the information below which summarises some of the impact climate change has had on the UK and then click 'next' once done.

# [INSERT SLIDE 1 - CLIMATE CHANGE IN THE UK]

## Q04.

## **Base: All respondents**

United Utilities manages the water and wastewater network in the North West of England, providing services to around 7 million people and businesses.

To what extent do you agree or disagree that United Utilities has a responsibility for the following areas:

## SINGLE GRID, RANDOMISE

| Code | Answer list                | Scripting notes | Routing |
|------|----------------------------|-----------------|---------|
| 1    | Strongly agree             |                 |         |
| 2    | Agree                      |                 |         |
| 3    | Neither agree nor disagree |                 |         |
| 4    | Disagree                   |                 |         |
| 5    | Strongly disagree          |                 |         |
| 85   | I'm not sure               |                 |         |

| Code | Statement list   | Scripting notes | Routing                                      |
|------|--|-----------------|--|
| 1    | Provide water to that is safe to drink   |                 |  |
| 2    | Ensure that there is enough water to meet demand now and, in the future                  |                 |  |
| 3    | Prevent homes, businesses, gardens and local areas from being affected by sewer flooding |                 |  |
| 99   | We're just checking that you're paying attention. Please select "Agree" on this row      |                 | CLOSE IF NOT<br>"AGREE" ON THIS<br>QUESTION. |
| 4    | Encourage customers to not waste water and be water efficient                            |                 |  |
| 5    | Fix leaks  |                 |  |
| 6    | Consider its impact on the environment   |                 |  |
| 7    | Taking a proactive approach to the potential impact of climate change on our region      |                 |  |

## **Q05b. BUSINESS ONLY**

# **Base: All respondents**

Have you thought about how climate change could impact your business?

How prepared do you feel your business is for the impacts of climate change?

## **OPEN TEXT**

| Code | Answer list  | Scripting | Routing |
|------|--------------|-----------|---------|
|      |              | notes     |         |
| 85   | I'm not sure | EXCLUSIVE |         |

## Q06.

# **Base: All respondents**

As a customer of United Utilities, what balance of responsibility do you feel there is between the actions taken by United Utilities to tackle climate change in the North West versus the actions taken by you as a business.

Please give you answer as a percentage out of 100%. So, if you feel the business and United Utilities have equal responsibility, please put 50% in each of the boxes provided below.

## NUMERIC BOXES, MUST SUM 100

| Code | Answer list                            | Scripting notes | Routing |
|------|--|-----------------|---------|
| 1    | Business (customer) responsibility (%) | OPEN<br>NUMERIC |         |
| 2    | United Utilities responsibility (%)    | OPEN<br>NUMERIC |         |
| 85   | I'm not sure                           | EXCLUSIVE       |         |

# Q07.

# **Base: All respondents**

What for you are the climate challenges that are most important for United Utilities to be addressing to protect against the impact of climate change?

## **OPEN TEXT**

| Code | Answer list  | Scripting notes | Routing |
|------|--------------|-----------------|---------|
| 85   | I'm not sure |                 |         |

# Q08.

# **Base: All respondents**

On a scale of 1-10, where 1 is not at all concerned and 10 is extremely concerned, how concerned are you as a business about the following climate challenges in our region?

# SINGLE GRID, RANDOMISE

| Code | Answer list       | Scripting notes | Routing |
|------|-------------------|-----------------|---------|
| 1    | INSERT SCALE 1-10 |                 |         |
| 85   | I'm not sure      |                 |         |

| Code | Statement list  | Scripting notes | Routing |
|------|---|-----------------|---------|
| 1    | <b>Drought</b> (Extended periods of lower than average rainfall)  |                 |         |
| 2    | Sewer flooding<br>(Flooding of sewers causing an overflow<br>into internal and external drains)                   |                 |         |
| 3    | Asset flooding (Flooding of water company infrastructure)   |                 |         |
| 4    | Power cuts (Outages affecting water company processes and the public)   |                 |         |
| 5    | Impact on the natural environment (Biodiversity loss, pollution, damage to ecosystems and land)                   |                 |         |
| 6    | Greenhouse gas emissions and fossil fuel use (Emissions of carbon dioxide and other climate change causing gases) |                 |         |
| 7    | Agriculture and food supply<br>(Changing land conditions and their<br>impact on food supply)                      |                 |         |
| 8    | Health and wellbeing<br>(Impact of extreme hot and cold weather<br>conditions on individuals)                     |                 |         |

#### INFO2.

# **Base: All respondents**

We are now going to explore 5 areas which United Utilities have identified as at risk of potential climate change in our region.

The first is **droughts**. Please read the information below and click 'next' once done.

# [INSERT SLIDE 2 - WHAT IS A DROUGHT?]

#### INFO3.

# **Base: All respondents**

This may then in turn affect customers in a number of ways. Please review the information below and click 'next' once done.

# [INSERT SLIDE 3 - HOW A DROUGHT MAY AFFECT YOU]

## Q09.

# **Base: All respondents**

On a scale of 1-10, where 1 is not at all concerned and 10 is extremely concerned, how concerned are you as a business about the potential impact of droughts in our region?

#### SINGLE CODE

| SINGLE CODE |                   |                 |         |  |
|-------------|-------------------|-----------------|---------|--|
| Code        | Answer list       | Scripting notes | Routing |  |
| 1           | INSERT SCALE 1-10 |                 |         |  |
| 85          | I'm not sure      |                 |         |  |

## INFO4.

## **Base: All respondents**

In response to tackling the risk of droughts, United Utilities are taking a number of actions, some of which have been summarised below. Please review the information below and click 'next' once done.

[INSERT SLIDE 4 – WHAT ARE UNITED UTILITIES DOING ABOUT THE RISK OF DROUGHT]

# Q10.

# **Base: All respondents**

Below is a list of actions United Utilities are taking to tackle the impact droughts have on our region.

Please select **up to 3** actions which you feel United Utilities should prioritise to tackle the impact of droughts.

# MULTI CODE, MAX 3, RANDOMISE

| Code | Answer list   | Scripting notes     | Routing |
|------|---|---------------------|---------|
| 1    | Development of new sources of water, particularly boreholes |                     |         |
| 2    | Water sharing between different regions of the UK           |                     |         |
| 3    | Identify and reduce leakage from our pipes                  |                     |         |
| 4    | Encourage and inform customers about using less water       |                     |         |
| 5    | Install more meters on domestic properties                  |                     |         |
| 85   | I'm not sure  | FIXED,<br>EXCLUSIVE |         |

# INFO5.

# **Base: All respondents**

The next area we are going to look at is **sewer flooding**.

Please read the information below and click 'next' once done.

[INSERT SLIDE 5 - WHAT IS SEWER FLOODING?]



## **Base: All respondents**

It is important to note that sewer flooding is different to more general flooding. General flooding can often be caused by extreme weather conditions that cause sea levels to rise, rivers to burst their banks or surface water flooding because the rain can't soak into the ground fast enough. Sewer flooding may result from a failure of the sewerage system. It may also happen when the sewer system does not have enough capacity to take water entering the system from heavy rainfall or river or highway flooding

Has your business ever been affected by sewer flooding?

#### SINGLE CODE

| Code | Answer list | Scripting notes | Routing |
|------|-------------|-----------------|---------|
| 1    | Yes         |                 |         |
| 2    | No          |                 |         |
| 85   | Don't know  |                 |         |

#### INFO6.

## **Base: All respondents**

Increases in average rainfall levels and frequency of storms due to climate change will make this an ever more complex challenge in the future, and could lead to increased frequency of sewer flooding.

This may then in turn affect customers in a number of ways. Please review the information below and click 'next' once done.

## [INSERT SLIDE 6 - HOW SEWER FLOODING MAY AFFECT YOU]

## Q12.

## **Base: All respondents**

On a scale of 1-10, where 1 is not at all concerned and 10 is extremely concerned, how concerned are you as a business about the potential impact of sewer flooding in our region?

## SINGLE CODE

| Code | Answer list       | Scripting notes | Routing |
|------|-------------------|-----------------|---------|
| 1    | INSERT SCALE 1-10 |                 |         |
| 85   | I'm not sure      |                 |         |

#### INFO7.

# **Base: All respondents**

In response to tackling the risk of sewer flooding, United Utilities is taking a number of actions, some of which have been summarised below. Please review the information below and click 'next' once done.

# [INSERT SLIDE 7 - HOW IS UNITED UTILITIES TACKLING SEWER FLOODING?]

# Q13.

# **Base: All respondents**

Below is a list of actions United Utilities is taking to tackle the impact sewer flooding has on our region.

Please select **up to 3** actions which you feel United Utilities should prioritise to tackle the impact of sewer flooding.

# MULTI CODE, MAX 3, RANDOMISE

| Code | Answer list   | Scripting notes     | Routing |
|------|---|---------------------|---------|
| 1    | Increase sewer capacity and build storm water holding tanks   |                     |         |
| 2    | Implement and encourage sustainable drainage solutions to slow the flow of rainwater into sewers (such as green roofs and permeable paving) |                     |         |
| 3    | Use technology to monitor and better control flows in the sewer system  |                     |         |
| 4    | Install a 2 <sup>nd</sup> network to separate rainwater from the sewer system   |                     |         |
| 5    | Install flood protection devices to atrisk properties   |                     |         |
| 85   | I'm not sure  | FIXED,<br>EXCLUSIVE |         |

## INFO8.

## **Base: All respondents**

The next area we are going to look at is **the flooding of water company infrastructure**.

Please read the information below and click 'next' once done.

[INSERT SLIDE 8 - HOW CLIMATE CHANGE MAY CAUSE FLOODING OF INFRASTRUCTURE?]



## **Base: All respondents**

Due to the effects of climate change it is expected that the frequency and severity of floods to increase. Mainly due to the increased frequency of storms and higher average rainfall.

This may then in turn affect customers in a number of ways. Please review the information below and click 'next' once done.

# [INSERT SLIDE 9 – HOW A FLOODING OF INFRASTRUCUTRE MIGHT AFFECT YOU]

## Q14.

## **Base: All respondents**

On a scale of 1-10, where 1 is not at all concerned and 10 is extremely concerned, how concerned are you as a business about the potential impact of the flooding of water company infrastructure in our region?

#### SINGLE CODE

| Code | Answer list       | Scripting notes | Routing |
|------|-------------------|-----------------|---------|
| 1    | INSERT SCALE 1-10 |                 |         |
| 85   | I'm not sure      |                 |         |

#### INFO<sub>10</sub>.

## **Base: All respondents**

In response to tackling the risk of the flooding of infrastructure, United Utilities is taking a number of actions, some of which have been summarised below. Please review the information below and click 'next' once done.

[INSERT SLIDE 10 - HOW IS UNITED UTILITIES TACKLING THE FLOODING OF INFRASTRUCTURE?]

## Q15.

# **Base: All respondents**

Below is a list of actions United Utilities is taking to tackle the impact flooding of infrastructure has on our region.

Please select **up to 3** actions which you feel United Utilities should prioritise to tackle the impact of the flooding of infrastructure.

## MULTI CODE, MAX 3, RANDOMISE

| Code | Answer list  | Scripting notes     | Routing |
|------|--|---------------------|---------|
| 1    | Install permanent flood defences at flood prone sites  |                     |         |
| 2    | Improve flood forecasting capabilities   |                     |         |
| 3    | Build better network connectivity so<br>that supplies can be maintained from<br>elsewhere if a treatment works is<br>flooded |                     |         |
| 4    | Invest to ensure sites can bounce back quickly once flooding subsides  |                     |         |
| 85   | I'm not sure   | FIXED,<br>EXCLUSIVE |         |

#### INFO11.

# **Base: All respondents**

The next area we are going to look at is **power cuts** 

Please read the information below and click 'next' once done.

# [INSERT SLIDE 11 - POWER CUTS?]

## INFO12.

## **Base: All respondents**

Power cuts may then in turn affect customers in a number of ways. Please review the information below and click 'next' once done.

# [INSERT SLIDE 12 - HOW POWER CUTS MAY AFFECT UNITED UTILITIES SERVICES]

## Q16.

# **Base: All respondents**

On a scale of 1-10, where 1 is not at all concerned and 10 is extremely concerned, how concerned are you as a business about the potential impact of power cuts in our region?

# SINGLE CODE

| Code | Answer list       | Scripting notes | Routing |
|------|-------------------|-----------------|---------|
| 1    | INSERT SCALE 1-10 |                 |         |
| 85   | I'm not sure      |                 |         |

#### INFO13.

## **Base: All respondents**

In response to tackling the risk posed by power cuts, United Utilities is taking a number of actions, some of which have been summarised below. Please review the information below and click 'next' once done.

# [INSERT SLIDE 13 - HOW IS UNITED UTILITIES TACKLING THE POWER CUTS?]

## Q17.

# **Base: All respondents**

Below is a list of actions United Utilities is taking to tackle the impact power cuts have on our region.

Please select **up to 3** actions which you feel United Utilities should prioritise to tackle the impact of power cuts.

# MULTI CODE, MAX 3, RANDOMISE

| Code | Answer list   | Scripting notes     | Routing |
|------|---|---------------------|---------|
| 1    | Install more permanent backup generators  |                     |         |
| 2    | Coordinate with electricity distribution network operators to help them build a more robust network |                     |         |
| 3    | Generate more of our own renewable energy   |                     |         |
| 4    | Be flexible in when and how we use electricity to help stabilise national supply                    |                     |         |
| 5    | Access to temporary generators to support in emergency situations                                   |                     |         |
| 85   | I'm not sure  | FIXED,<br>EXCLUSIVE |         |

#### INFO14.

## **Base: All respondents**

The final area we are going to look at is the impact of climate change on our **natural environment.** 

United Utilities owns and is responsible for 56,000 hectares of land in the North West. This is the equivalent of 75,000 football pitches. Please read the information below and click 'next' once done.

[INSERT SLIDE 14 - THE IMPACT OF CLIMATE CHANGE ON OUR NATURAL ENVIRONMENT]

#### **INFO15.**

## **Base: All respondents**

The impact climate change may have on the natural environment may then in turn affect customers in a number of ways. Please review the information below and click 'next' once done.

# [INSERT SLIDE 15 - HOW CLIMATE CHANGE IMPACTS ON HOUSEHOLDS & BUSINESSES]

## Q18.

## **Base: All respondents**

On a scale of 1-10, where 1 is not at all concerned and 10 is extremely concerned, how concerned are you as a business about the potential impact of climate change on the natural environment in our region?

## SINGLE CODE

| Code | Answer list       | Scripting notes | Routing |
|------|-------------------|-----------------|---------|
| 1    | INSERT SCALE 1-10 |                 |         |
| 85   | I'm not sure      |                 |         |

## INFO16.

# **Base: All respondents**

In response to tackling the risk posed by climate change on out natural environment, United Utilities are taking a number of actions, some of which have been summarised below. Please review the information below and click 'next' once done.

# [INSERT SLIDE 16 - HOW IS UNITED UTILITIES TACKLING THE IMPACT ON OUR NATURAL ENVIRONMENT?]

## Q019.

# **Base: All respondents**

Below is a list of actions United Utilities are taking to tackle the impact climate change has the regions natural environment.

Please select **up to 3** actions which you feel United Utilities should prioritise to tackle the impact climate change has on the region's natural environment.

## MULTI CODE, MAX 3, RANDOMISE

| Code | Answer list | Scripting | Routing |
|------|-------------|-----------|---------|
|      |             | notes     |         |

| 1  | Use more 'green' solutions (e.g. building wetlands to treat wastewater, rather than dosing with chemicals)   |                     |  |
|----|--|---------------------|--|
| 2  | Reduce our carbon footprint, by encouraging more efficient use of water, using renewable energy and electric vehicles  |                     |  |
| 3  | Provide net gains in biodiversity from our construction projects   |                     |  |
| 4  | Directly restore peat land and woodland (the peatland is an area in the region that stores a lot of water; 70% of the UK's drinking water come from areas like this) |                     |  |
| 5  | Work in partnerships with farmers, the Environment Agency and others to improve rivers and lakes   |                     |  |
| 85 | I'm not sure   | FIXED,<br>EXCLUSIVE |  |

# Q020.

# **Base: All respondents**

Taking into account in the information you have seen regarding the 5 climate challenges, how satisfied are you with the approach United Utilities is currently taking for each?

If you need a reminder of the actions being taken, you can over the  $^{(i)}$  icon for each area.

# SINGLE GRID, RANDOMISE STATEMENTS

| Code | Answer list                        | Scripting notes | Routing |
|------|------------------------------------|-----------------|---------|
| 1    | Very satisfied                     |                 |         |
| 2    | Quite satisfied                    |                 |         |
| 3    | Neither satisfied nor dissatisfied |                 |         |
| 4    | Quite dissatisfied                 |                 |         |
| 5    | Very dissatisfied                  |                 |         |
| 85   | I'm not sure                       |                 |         |

| Code | Statement list                    | Scripting | Routing |
|------|-----------------------------------|-----------|---------|
|      |                                   | notes     |         |
| 1    |                                   | ICON WITH |         |
|      | Droughts                          | SLIDE 4   |         |
| 2    |                                   | ICON WITH |         |
|      | Sewer flooding                    | SLIDE 7   |         |
| 3    |                                   | ICON WITH |         |
|      | Flooding of infrastructure        | SLIDE 10  |         |
| 4    |                                   | ICON WITH |         |
|      | Power cuts                        | SLIDE 13  |         |
| 5    |                                   | ICON WITH |         |
|      | Impact on the natural environment | SLIDE 16  |         |

# Q21.

# **Base: All respondents**

Which of the following areas are you interested in being kept up-to-date about in terms of the way United Utilities is tackling the impact on our climate?

Please select all that apply.

## **MULTI CODE**

| Code | Answer list                       | Scripting notes | Routing |
|------|-----------------------------------|-----------------|---------|
| 1    | Droughts                          |                 |         |
| 2    | Sewer flooding                    |                 |         |
| 3    | Flooding of infrastructure        |                 |         |
| 4    | Power cuts                        |                 |         |
| 5    | Impact on the natural environment |                 |         |
| 87   |                                   | FIXED,          |         |
|      | None of the above                 | EXCLUSIVE       |         |

# Q22.

# **Base: All respondents**

Are there any other areas you would like to be kept informed about?

## **OPEN TEXT**

| Code | Answer list     | Scripting notes | Routing |
|------|-----------------|-----------------|---------|
| 87   | Nothing further |                 |         |



# Base: All respondents interested in being kept up-to-date for at least one area (Q21 / all except code 87)

How would you like to be kept informed?

Please select all that apply

## MULTI CODE

| Code | Answer list                     | Scripting notes | Routing |
|------|---------------------------------|-----------------|---------|
| 1    | Email                           |                 |         |
| 2    | Letter                          |                 |         |
| 3    | Leaflet with bill               |                 |         |
| 4    | TV adverts                      |                 |         |
| 5    | Radio adverts                   |                 |         |
| 6    | Posters / billboards            |                 |         |
| 7    | United Utilities website        |                 |         |
| 8    | News / media items              |                 |         |
| 9    | Social media                    |                 |         |
| 10   | Education via schools           |                 |         |
| 11   | TV documentaries                |                 |         |
| 80   | Something else (please specify) | OPEN            |         |

# Q24.

# **Base: All respondents**

Thinking now about the 5 climate change challenges that have been reviewed, please rank them based on the order in which you feel United Utilities should be prioritising investment moving forward.

## RANK EXERCISE

| Code | Answer list                | Scripting notes | Routing |
|------|----------------------------|-----------------|---------|
| 1    | Drought                    |                 |         |
| 2    | Sewer flooding             |                 |         |
| 3    | Flooding of infrastructure |                 |         |
| 4    | Power cuts                 |                 |         |
| 5    | Natural environment        |                 |         |



# **Base: All respondents**

Please can you summarise why you chosen [INSERT RANK 1 FROM Q024] as your number one priority for investment?

#### **OPEN TEXT**

| Code | Answer list  | Scripting notes | Routing |
|------|--------------|-----------------|---------|
| 85   | I'm not sure |                 |         |

## Q26.

## **Base: All respondents**

Many of the assets that United Utilities manages are designed to last a very long time, providing they are well maintained. Investing to maintain these assets will provide a better service for current and future customers by being better able to cope with events caused by climate change such as droughts and sewer flooding.

United Utilities carries out regular maintenance of these assets, to keep them in working order. But there are also decisions to be made about when to replace them. The assets which are most likely to fail, and where the consequences would be greatest if they do fail, should be replaced first. This is like the decisions you may make on your assets in your business.

United Utilities has to decide carefully about when and how to invest, as this can affect the bills that different generations pay.

Which of the following options do you think United Utilities should choose?

## SINGLE CODE

| Code | Answer list   | Scripting notes | Routing |
|------|---|-----------------|---------|
| 1    | United Utilities should invest more in asset health now to tackle the impact of climate change, even it means you pay slightly higher water bills than future generations   |                 |         |
| 2    | United Utilities should spread the investment in asset health over my generation and future generations, even if it means some delays to asset health improvements  |                 |         |
| 3    | United Utilities should only charge customers in each generation for the asset health improvements they benefit from, even if it means some delays to asset health improvement or that it therefore costs more in the long term to react to events as they happen |                 |         |
| 85   | I'm not sure  |                 |         |

# Q27.

# **Base: All respondents**

Which, if any, of the following areas are you interested in being consulted about for investment into climate challenges by United Utilities?

Please select all that apply.

# **MULTI CODE**

| Code | Answer list  | Scripting notes | Routing |
|------|--|-----------------|---------|
| 1    | I'm interested in being consulted about the plans UU are considering taking and the impact on my bill  |                 |         |
| 2    | I'm interested in being consulted about the type of solutions being adopted, the balance between quick fixes and investing now for long term benefit |                 |         |
| 3    | I'm interested in the <b>specific projects</b> to address issues in <b>my local area</b>   |                 |         |
| 4    | I don't want to be consulted   | EXCLUSIVE       |         |