
Environment Module

Interviewer Manual

QNHS Q2 2014

Maureen Delamere Ext 5081
Stephen Treacy Ext 4076

Introduction

The QNHS Quarter 2 2014 Environment Module is a survey about household's environmental awareness with questions on waste management, energy use and purchasing behaviour. The purpose of the survey is to establish the choices being made by households in Ireland today.

The household's recycling and disposal choices for different waste streams will be recorded along with the different fuels and energy appliances being used in the home. The survey will also capture the motivation behind a selection of purchasing decisions and the household's awareness of a selection of environmental schemes.

The module, combined with the data from the core QNHS will enable analysis of these choices by socio-economic status, household structure, dwelling type and location etc. It builds on the results of the Recycling and Energy Conservation module previously carried out on the Quarter 3 2005 QNHS.

Background and Purpose

The module has been prepared to capture the data and policy needs of a wide variety of stakeholders. Submissions were received from the following stakeholders:

- Environmental Protection Agency (EPA)
- Sustainable Energy Authority of Ireland (SEAI)
- Economic and Social Research Institute (ESRI)
- Department of the Environment
- Department of Jobs, Enterprise and Innovation
- Department of Transport
- Environmental Section (CSO)

The data collected will help fulfil both national and EU reporting obligations, in particular the obligations required for the Waste Statistics Regulation (EC No. 2150/2002) and Energy Statistics Regulation (EC No. 1099/2008). It is also expected to help meet future reporting obligations in the area of household energy use. Of particular interest in this module are the questions on the management of particular waste streams and use of secondary heating, for which no reliable data currently exists for the household sector.

Questionnaire

The order of the questions in this manual mirrors the flow of questions in the electronic questionnaire as it appears on the laptop screen. The module is in three parts as follows:

- Questions on Purchasing Decisions and Awareness
- Questions on Waste Management
- Questions on Energy Conservation

There is no distinction between the three parts in the question numbering or on the laptop screen. The breakdown is purely for organisational purposes to keep related questions together.

Filters

Some of the variables on the questionnaire are accompanied by filters which determine the route based on the responses to questions within the module. For Q2 (ENSAVE), the filter uses input from the Core QNHS to avoid this question being asked of people in rented accommodation. If a question is subject to a filter, it is detailed in the first line of the question description in the following Module Specification.

Notes

The notes that accompany each variable are a combination of on-screen notes that appear on the laptop and supplementary notes for reference purposes. The notes are designed to standardise interviewer interpretation of the questionnaire. The notes in this manual are presented for the information and use of field interviewers.

Remarks

The 'Make Remark' option has been activated for all questions. This allows the interviewer to make a comment on a specific question in real-time, while doing the interview. The interviewer should record here whatever remark s/he deems relevant. However, we do ask interviewers to record what is in the 'Other' category in questions for which there is no 'please specify' option. The 'Other/please specify' option is only used in one question (Q8a RECYCLE1) in this questionnaire. Another example of the type of remark that would be useful to record is when a response is not on the list of available options for the question. The comments will help us to improve the questionnaire for possible future reuse.

If the interviewer has other comments to add after s/he has finished and closed off the interview, the interviewer can do so. If the interviewer chooses to go back into the interview later, after the interview, a comment box will appear on screen. Interviewers can leave it empty if they have nothing further to add.

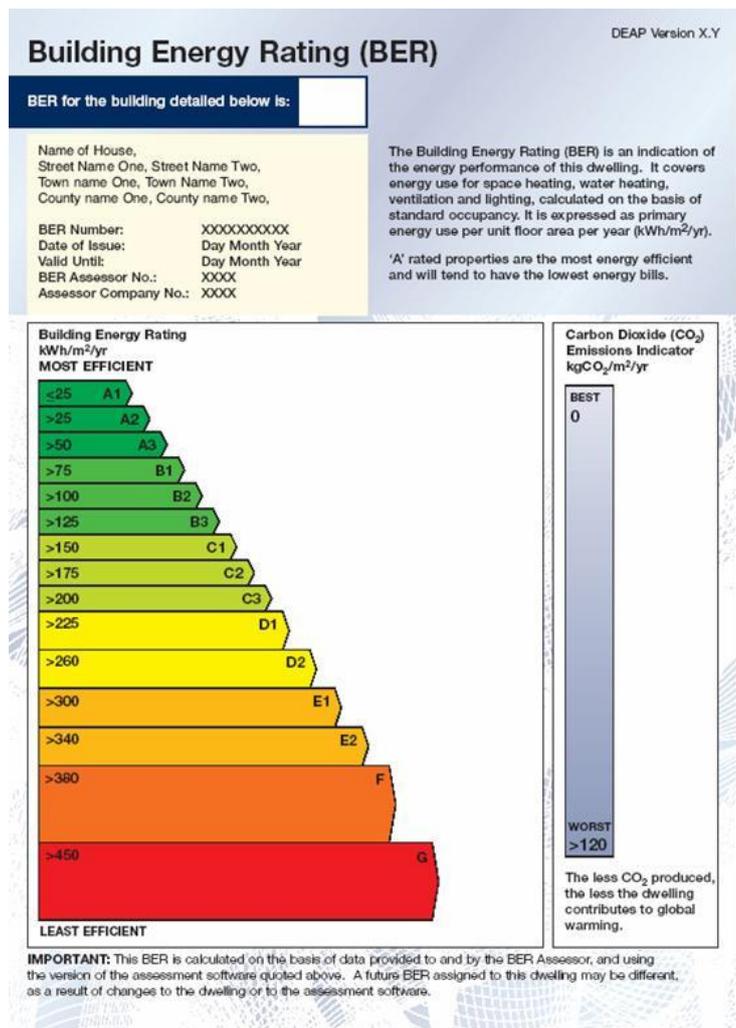
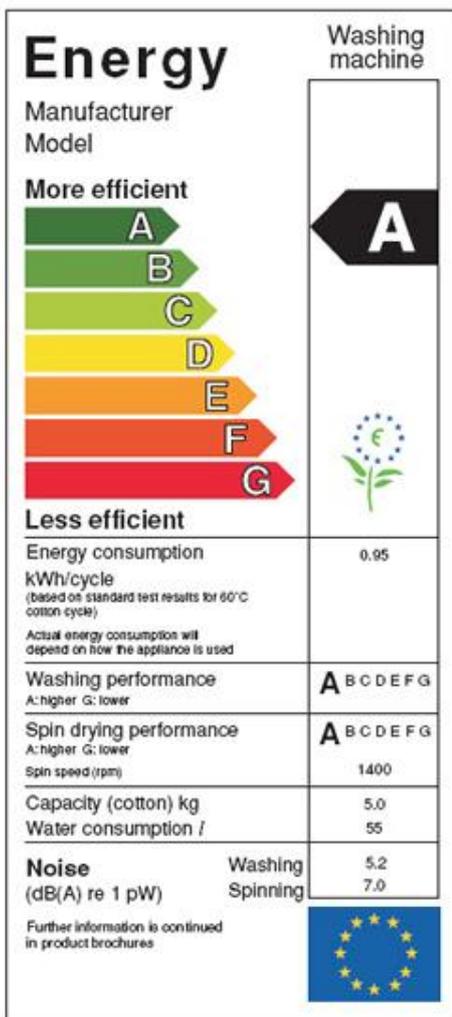
Module Specification

- Environment Household Module will be asked at the end of the household block of questions in the Core QNHS.
- Waves 2 to 5 will be asked the Environment Module.
- Respondents are aged 18 or over.
- The module will be asked at Household level. One reference person will answer in respect of the household.
- The 'Make Remark' option is available for every question.
- An extra 'comments' box is available when entering the interview for a second time, the first time being the actual interview.

Now I would like to ask you some questions about your Household's Environmental awareness with questions on waste management, energy use and purchasing behaviour.

NOTE: Press 1 to continue

Purchasing Decisions and Awareness



Q1a LABAPPL

Q1a Filter: Waves 2 to 5, Aged 18 and over

Do you recognise either of these labels?

- Yes
- No

NOTE: The first label is an appliance label (eg. for a washing machine) and the second is a Building Energy Rating (BER) label describing the energy performance of a dwelling

The labels are both on the screen and on the first page of the SHOW CARD booklet

Q1b APPLIMP

Thinking about the last time your household purchased a large electrical item, **how much** did the Energy Efficiency rating or label influence your decision?

1. Fully influenced decision
2. Influenced decision but also considered other factors
3. Had no influence
4. Have not purchased a large electrical item

NOTE 1: Only one answer may be selected

NOTE 2: Large electrical items are a fridge, washing machine, television etc.

Q2 ENSAVE

Q2 Filter: From OCCUPY on the CORE QNHS, that is, if the householder is NOT in rented accommodation

Has your household installed any of the following energy saving products in the last 10 years?

1. Insulation
2. Thermal solar panels (heat water)
3. Photo-voltaic solar panels (generate electricity)
4. Heating controls
5. Efficient glazing (e.g. double, triple)
6. Draught proofing
7. Replaced an open fire with a stove
8. Energy efficient lighting (e.g. CFL or LED)
9. High efficiency boiler (e.g. boiler upgrade)
10. Other
11. Have not installed any energy saving products

NOTE 1: Multiple responses to be recorded, where applicable. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

NOTE 2: 'Insulation' includes in wall, attic or on hot-water cylinder.

NOTE 3: 'Heating controls' include time clocks, zone heating and thermostats.

Show the respondent SHOW CARD 1

Q3 BUYCAR

Apart from price, what would **most** influence your decision when buying a car?

1. Annual fuel costs
2. Annual level of motor tax
3. Other running costs (e.g. insurance, servicing, etc.)
4. Environmental concerns (e.g. car emissions)
5. Resale value
6. Family requirements
7. Other
8. Not applicable

NOTE 1: Tick "Not applicable" if the respondent would never consider buying a car

NOTE 2: Only one answer may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

Show the respondent SHOW CARD 2

Q4 INITIATIVES

Which of these environmental initiatives are you familiar with?

1. Green Schools
2. Green Homes
3. Blue Flags
4. Tidy Towns
5. Green Business Scheme
6. Stopfoodwaste.ie
7. None of the above

NOTE: Multiple options may be selected. Option 7 implies no other option has been selected.

Show the respondent SHOW CARD 3

Waste Management

Q5 WASTEOTH

What is your household's **main** method for disposing of NON-RECYCLABLE household waste (e.g. contaminated food packaging)?

1. Wheelie bin collection service
2. Pre-paid bag collection service
3. Share bin with a neighbour, relative or friend
4. Bring it to a recycling centre that accepts it
5. Bring it to a Pay-to-Use unit at a petrol station or similar location
6. Bring it to work
7. Other

NOTE 1: Only one answer may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

NOTE 2: A recycling centre includes civic amenity sites that accept non-recyclable waste.

Show the respondent SHOW CARD 4

Q6 WASTEREC

What is your household's **main** method for disposing of RECYCLABLE household waste (e.g. paper and cardboard packaging)?

1. Recyclables wheelie bin collection service
2. Recyclables pre-paid bag collection service
3. Share recyclables bin with a neighbour, relative or friend
4. Bring it to a recycling centre
5. Bring it to work
6. Do not recycle
7. Other

NOTE 1: Only one answer may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

Show the respondent SHOW CARD 5

Q7 COMPOST

How does your household **usually** manage food and garden waste?

1. Compost food waste at home
2. Feed food waste to animals
3. Compost garden waste at home
4. Use a brown bin or bring waste to a recycling centre that accepts it
5. Use a collection bin other than a brown bin
6. Other

NOTE 1: Food waste includes raw and/or cooked food waste. Garden waste includes grass, plants and garden clippings. Composting garden waste includes a clippings pile somewhere in the garden.

Usually means at least on a weekly basis (approximately). A "brown bin" means a kerbside collection bin for compostable waste regardless of colour.

NOTE 2: Multiple options may be selected. Option 6 implies no other option has been selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

Show the respondent SHOW CARD 6

Q8a RECYCLE1

What is your household's **main** method for disposing of out-of-date and unwanted household medicines?

1. Put them in with household waste
2. Bring to a recycling centre that accepts them
3. Bring to a pharmacy
4. Stored at home pending disposal
5. Other
6. Not applicable

NOTE: Only one answer may be selected.

Show the respondent SHOW CARD 7

Q8a_supp RECYCLEOTH

Q8a_supp Filter: 'Other' to Q8a

You selected "Other" as the main method for disposing of out-of-date and unwanted household medicines. Please specify the disposal method.

Textbox

NOTE: Please type in the alternative disposal method indicated by the respondent.

Q8b RECYCLE2

What is your household's **main** method for disposing of small electrical and electronic equipment such as hair-dryers, toasters, kettles and calculators?

1. Bring them back to retailer
2. Put them in with household waste
3. Bring to a recycling centre that accepts them
4. Reuse e.g. give it to family member or friend
5. Stored at home pending disposal
6. Other
7. Not applicable

NOTE: Only one answer may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

Show the respondent SHOW CARD 8

Q8c RECYCLE3

What is your household's **main** method for disposing of non-cooking waste oils (e.g. car or lawnmower oil)?

1. Put them in with household waste
2. Bring to a recycling centre that accepts them
3. Dispose of in a skip
4. Stored at home pending disposal
5. Other
6. Not relevant

NOTE: Only one answer may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

Show the respondent SHOW CARD 9

Q8d RECYCLE4

What is your household's **main** method for disposing of household and garden chemical wastes (e.g. bleaches, pesticides/herbicides and wood stains/varnishes)?

1. Put them in with household waste
2. Bring to a recycling centre that accepts them
3. Dispose of in a skip
4. Stored at home pending disposal
5. Other
6. Not relevant

NOTE: Only one answer may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

Show the respondent **SHOW CARD 9**

Q9a BATTFILT

Does your household recycle **small** batteries?

1. Yes
2. No

NOTE 1: This question asks about the disposal/recycling of small (eg. AA, AAA or button) batteries, not vehicle batteries.

NOTE 2: If 'don't know' or 'refusal', next question is Q10 HOWLIMIT

Q9b BATTREC

Q9b Filter: 'Yes' to Q9a

How does your household recycle small batteries?

1. Bring to a shop or recycling centre
2. Bring in to work for recycling
3. Children bring into school for recycling
4. Other collection point

NOTE 1: Multiple options may be selected

NOTE 2: Other collection points include apartment complexes, local libraries and public buildings/civic offices

Q9c BATTDUMP

Q9c Filter: 'No' to Q9a

What is the **main** reason your household doesn't recycle small batteries?

1. Didn't know they could be recycled
2. Don't know where/how to recycle them
3. Recycling small batteries is not a priority for me
4. Always use rechargeable batteries
5. Forget to bring them for recycling
6. Other

NOTE: Only one answer may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

Show the respondent SHOW CARD 10

Q10 HOWLIMIT

Does your household do any of the following to reduce waste?

1. Purchase products with less packaging
2. Avoid disposable products in favour of reusable
3. Purchase only what can be consumed by sell-by-date
4. Control serving/portion sizes for meals
5. Have a "No junk mail" sign up
6. Other
7. Don't do anything specific to reduce waste

NOTE 1: Multiple options may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen. Option 7 implies no other option has been selected.

NOTE 2: Purchasing products with less packaging assumes a choice was made between two similar products primarily to reduce packaging.

Show the respondent SHOW CARD 11

Energy Conservation

Building Energy Rating (BER)

BER for the building detailed below is:

DEAP Version X.Y

The Building Energy Rating (BER) is an indication of the energy performance of this dwelling. It covers energy use for space heating, water heating, ventilation and lighting, calculated on the basis of standard occupancy. It is expressed as primary energy use per unit floor area per year (kWh/m²/yr).
 'A' rated properties are the most energy efficient and will tend to have the lowest energy bills.

<p style="font-size: x-small;">Name of House, Street Name One, Street Name Two, Town name One, Town Name Two, County name One, County name Two,</p> <p style="font-size: x-small;">BER Number: XXXXXXXXX Date of Issue: Day Month Year Valid Until: Day Month Year BER Assessor No.: XXXX Assessor Company No.: XXXX</p>	<p style="font-size: x-small;">Building Energy Rating kWh/m²/yr MOST EFFICIENT</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: #008000; color: white; padding: 2px;">≤25 A1</td></tr> <tr><td style="background-color: #008000; color: white; padding: 2px;">>25 A2</td></tr> <tr><td style="background-color: #008000; color: white; padding: 2px;">>50 A3</td></tr> <tr><td style="background-color: #008000; color: white; padding: 2px;">>75 B1</td></tr> <tr><td style="background-color: #008000; color: white; padding: 2px;">>100 B2</td></tr> <tr><td style="background-color: #008000; color: white; padding: 2px;">>125 B3</td></tr> <tr><td style="background-color: #90EE90; color: black; padding: 2px;">>150 C1</td></tr> <tr><td style="background-color: #90EE90; color: black; padding: 2px;">>175 C2</td></tr> <tr><td style="background-color: #90EE90; color: black; padding: 2px;">>200 C3</td></tr> <tr><td style="background-color: #FFFF00; color: black; padding: 2px;">>225 D1</td></tr> <tr><td style="background-color: #FFFF00; color: black; padding: 2px;">>260 D2</td></tr> <tr><td style="background-color: #FFD700; color: black; padding: 2px;">>300 E1</td></tr> <tr><td style="background-color: #FFD700; color: black; padding: 2px;">>340 E2</td></tr> <tr><td style="background-color: #FF8C00; color: black; padding: 2px;">>380 F</td></tr> <tr><td style="background-color: #FF0000; color: white; padding: 2px;">≥450 G</td></tr> </table> <p style="font-size: x-small;">LEAST EFFICIENT</p>	≤25 A1	>25 A2	>50 A3	>75 B1	>100 B2	>125 B3	>150 C1	>175 C2	>200 C3	>225 D1	>260 D2	>300 E1	>340 E2	>380 F	≥450 G	<p style="font-size: x-small;">Carbon Dioxide (CO₂) Emissions Indicator kgCO₂/m²/yr</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p style="margin: 0;">BEST 0</p> <p style="margin: 0; font-size: x-small;">WORST >120</p> </div> <p style="font-size: x-small;">The less CO₂ produced, the less the dwelling contributes to global warming.</p>
≤25 A1																	
>25 A2																	
>50 A3																	
>75 B1																	
>100 B2																	
>125 B3																	
>150 C1																	
>175 C2																	
>200 C3																	
>225 D1																	
>260 D2																	
>300 E1																	
>340 E2																	
>380 F																	
≥450 G																	

IMPORTANT: This BER is calculated on the basis of data provided to and by the BER Assessor, and using the version of the assessment software quoted above. A future BER assigned to this dwelling may be different, as a result of changes to the dwelling or to the assessment software.

Q11a BERDONE

Has a Building Energy Rating (BER) audit ever been conducted for your dwelling?

1. Yes
2. No

NOTE : The sample label is displayed on the screen and is also on the SHOW CARD

Q12 PRIHEAT

What is the **main** fuel or energy source used to heat your home?

1. Natural gas
2. Diesel / gas oil
3. Kerosene
4. LPG
5. Electricity
6. Coal/smokeless coal

7. Peat (sod(turf)/briquettes)
8. Wood pellets or wood chips
9. Wood logs
10. Heat pump
11. District heating
12. Other
13. None

NOTE 1: Only one answer may be selected. If "None" next question is Q14a H2OSUMM

If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

NOTE 2: LPG is liquid petroleum gas – in bulk tanks or small cylinders [propane, butane]. Coal/smokeless coal includes anthracite, lignite, nuggets, singles, slack.

Show the respondent SHOW CARD 12

Q13a SECHEAT

Is any additional heating used to heat your home?

1. Open fire
2. Open fire with back boiler
3. Stove or range
4. Stove or range with back boiler
5. Portable room heaters (e.g. Superser)
6. Decorative effect fires
7. Electric storage heaters
8. Plug in electric room heaters
9. Electric underfloor heating (e.g. in a bathroom or conservatory)
10. Other
11. None

NOTE 1: Multiple options may be selected. Option 11 implies no other option has been selected.

If only options in the 7-11 range are selected then the next question will be Q14a H2OSUMM.

If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

NOTE 2: 'With back boiler' means that it also heats water for radiators or domestic hot water. 'Plug in electric room heaters' include oil filled electric heater and electric element heaters.

Show the respondent SHOW CARD 13

Q13b SECOPEN

Q13b Filter: 'Open fire' or 'Open fire with back-boiler' in response to Q13a

What fuels do you use in the open fire?

1. Wood logs
2. Coal/smokeless coal
3. Peat (sod(turf)/briquettes)
4. Other

NOTE 1: *If using an Open fire or Open fire with back boiler*

NOTE 2: *Multiple options may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.*

NOTE 3: *Coal/smokeless coal includes anthracite, lignite, nuggets, singles, slack*

Q13c SECRANGE

Q13c Filter: 'Stove or range' or 'Stove or range with back boiler' in response to Q13a

What fuels do you use in the stove or range?

1. Oil
2. Wood pellets or wood chips
3. Wood logs
4. Coal/smokeless coal
5. Peat (sod(turf)/briquettes)
6. Natural gas
7. LPG
8. Other

NOTE 1: *If using a stove/range or stove/range with back boiler*

NOTE 2: *Multiple options may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.*

NOTE 3: *Coal/smokeless coal includes anthracite, lignite, nuggets, singles, slack. LPG is liquid petroleum gas – in bulk tanks or small cylinders [propane, butane]. Oil (e.g. kerosene).*

Q13d SECFIRE

Q13d Filter: 'Portable room heater' or 'decorative effect fire' in response to Q13a

What fuel sources are used in the portable room heater or decorative effect fire?

1. Electricity
2. Oil
3. Natural gas
4. LPG
5. Other

NOTE 1: If using Portable room heaters or Decorative effect fires

NOTE 2: Multiple options may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

NOTE 3: LPG is liquid petroleum gas – in bulk tanks or small cylinders [propane, butane]. Oil (e.g. kerosene).

Q14a H2OSUMM

What is the **main** way used to heat the tap water in your home during the summer?

1. Water heated by the central heating system (including combi boilers)
2. Boiler for tap water only
3. Immersion heater
4. Separate instantaneous heater (e.g. electric or gas undersink heater)
5. Combination of solar panels and central heating
6. Combination of solar panels and immersion heater
7. Other

NOTE 1: Only one answer may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

NOTE 2: This question only relates to how tap water is heated and not to how shower water is heated. Water heated by the central heating system includes heating of water only by the central heating boiler (eg. combi boiler)

Show the respondent **SHOW CARD 14**

Q14b H2OWINT

What is the **main** way used to heat the tap water in your home during the winter?

1. Water heated by the central heating system (including combi boilers)
2. Boiler for tap water only
3. Immersion Heater
4. Separate instantaneous heater (e.g. electric or gas undersink heater)
5. Combination of solar panels and central heating
6. Combination of solar panels and immersion heater
7. Other

NOTE 1: Only one answer may be selected. If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

NOTE 2: This question only relates to how tap water is heated and not to how shower water is heated. Water heated by the central heating system includes heating of water only by the central heating boiler (eg. combi boiler)

Show the respondent **SHOW CARD 14**

Q14c SHOWER

How **often** is an electric shower used in your home?

1. Do not use/have an electric shower
2. Used daily
3. Used 4 or more times a week
4. Used at least once a week
5. Used only in summer
6. Used only in winter
7. Used less frequently

NOTE 1: An electric shower is one that heats the water as it passes through it, i.e. the water doesn't come from the hot-water cylinder. It does NOT refer to a "power shower" or "pumped shower" where a pump boosts the water pressure but the water still comes from the main hot water cylinder.

NOTE 2: The question seeks electric shower use by the whole household, not just the direct respondent themselves.

NOTE 3: Options 2, 3 and 4 refer to all-year round use.

Show the respondent SHOW CARD 15

Q15 COOKER

What is the **main** fuel used for cooking?

1. Electricity
2. Natural gas
3. LPG
4. Combination of electricity and gas (e.g. gas hob and electric oven)
5. Oil
6. Other

NOTE 1: Only one answer may be selected. The respondent needs to estimate the fuel used most frequently if several fuels are used (eg. oil fired range and an electric oven both used at different times). If 'Other' is selected, please specify by using the 'Make Remark' option on the taskbar at the top of the laptop screen.

NOTE 2: LPG is liquid petroleum gas – in bulk tanks or small cylinders [propane, butane]. Oil (e.g. kerosene).

THE INTERVIEW IS THEN CLOSED

Thank you very much for your time.