

# Swiss Household Energy Demand Survey (SHEDS), Wave 2016

## Questionnaire and codes

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### Preliminary notes

This document contains all questions and codes for wave 2016 of the Swiss Household Energy Demand Survey (SHEDS). The related datasets are named SHEDS2016.xyz.

Conventions:

- Variable names are written in **bold**.
- For questions coded in several variables, a suffix **\_n** (n = 1, 2, ..., N) is appended to differentiate items. Suffixes are indicated in brackets.
- Response codes are indicated in parentheses.
- In questions where a single answer is possible, choices appear with a circle “O”.
- In questions where multiple answers are possible, choices appear with a square “□”.
- Text **shaded in grey** provides additional indications that were not shown to the respondents.
- Negative values indicate special types of missing values. In particular:
  - -1 = does not know
  - -2 = does not apply (question irrelevant)

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## Interview data (from Qualtrics)

<b>id</b>	Respondent's ID number (from 1 to 5486)
<b>q_language</b>	Language used by respondent during the questionnaire (DE = German, EN = English, FR = French)
<b>q_totalduration</b>	Duration of questionnaire (in minutes)
<b>start</b>	Date and time when questionnaire was started by respondent (format: ddmmyyyy hh:mm:ss)
<b>end</b>	Date and time when questionnaire was ended by respondent (format: ddmmyyyy hh:mm:ss)
<b>time0</b>	Time recorded between <b>screen</b> and <b>elec1</b> (format hh:mm:ss)
<b>time1</b>	Time recorded between <b>elec13</b> and <b>mob1</b> (format hh:mm:ss)
<b>time2</b>	Time recorded between <b>mob14</b> and <b>heat1</b> (format hh:mm:ss)
<b>time3</b>	Time recorded between <b>heat10</b> and <b>psy1</b> (format hh:mm:ss)
<b>time4</b>	Time recorded between <b>psy7</b> and <b>soc1</b> (format hh:mm:ss)
<b>time5</b>	Time recorded between <b>soc3</b> and <b>soc4</b> (format hh:mm:ss)
<b>time6</b>	Time recorded between <b>soc5</b> and <b>soc6</b> (format hh:mm:ss)
<b>time7</b>	Time recorded between <b>soc8</b> and <b>soc9</b> (format hh:mm:ss)
<b>time8</b>	Time recorded between <b>soc9</b> and <b>enlit1</b> (format hh:mm:ss)
<b>time9</b>	Time recorded between <b>enlit6</b> and <b>enlit7</b> (format hh:mm:ss)
<b>time10</b>	Time recorded between <b>enlit10</b> and <b>accom1</b> (format hh:mm:ss)
<b>time11</b>	Time recorded between <b>accom15</b> and <b>seco1</b> (format hh:mm:ss)
<b>time12</b>	Time recorded between <b>seco7</b> and <b>end</b> (format hh:mm:ss)

## Master data (from Intervista)

These variables are available for respondents who were not screened out (**screen** = 1 or 2).

<b>age</b>	<p>Respondent's age (in years, Intervista)</p> <p>Because the evolution of age is not always consistent across waves, one might want to correct age and enforce consistency. This seems particularly important for longitudinal analyses. To this end, variable <b>age_corr</b> has been created as follows:</p> <ol style="list-style-type: none"> <li>1. For respondents with more than two waves: we check if two observations are consistent and adapt the other observations accordingly (if more than 3 waves, there might be several pairs of consistent observations; in such cases, the most recent pair is considered as being correct)</li> <li>2. For respondents with two waves only or for respondents with more than two waves but rule 1 does not apply: we consider the most recent observation as being correct and adapt the other observations accordingly</li> </ol>
<b>agegr</b>	<p>Age groups, used for quotas (Intervista)</p> <p>1 18-34 (target quota: 30%)                  2 35-54 (target quota: 40%)                  3 55+ (target quota: 30%)</p> <p>Variable <b>agegr_corr</b> (based on <b>age_corr</b>; see above) is also provided.</p>
<b>sex</b>	<p>Sex, used for quotas</p> <p>0 Male (target quota: 49%)                  1 Female (target quota: 51%)</p>
<b>zip</b>	ZIP code at home

<b>region</b>	Region, used for quotas 1 Suisse romande (target quota: 25%) 2 Alpen und Voralpen 3 Westmittelland 4 Ostmittelland } (target quota: 75%)
<b>flat_rented</b>	Living situation: flat rented 0 no 1 yes
<b>house_rented</b>	Living situation: house rented 0 no 1 yes
<b>flat_owned</b>	Living situation: flat owned 0 no 1 yes
<b>house_owned</b>	Living situation: house owned 0 no 1 yes
<b>residtype</b>	Living situation, used for quotas 1 Tenant (target quota: 62.5%) 2 Owner (target quota: 37.5%) Variable constructed as follows: 1 if <b>flat_owned</b> = 0 and <b>house_owned</b> = 0, 2 if <b>flat_owned</b> = 1 or <b>house_owned</b> = 1.
<b>md_bildung</b>	Education 1 Less than compulsory school 2 Compulsory school 3 Domestic school 4 Basic vocational school 5 Vocational/general school 6 Apprenticeship 7 Full-time vocational school 8 High school 9 University, ETH, university of applied sciences
<b>md_beruf</b>	Occupation status 1 School student 2 Student 3 Apprentice 4 Homemaker 5 Employee 6 Self-employed 7 Entrepreneur 8 Farmer 9 Retired 10 Unemployed 11 Other

<b>md_branche</b>	Sector <ul style="list-style-type: none"> <li>1 Elektrotechnik, Elektronik, Uhren</li> <li>2 Bank, Finanzen</li> <li>3 Baugewerbe, Architektur</li> <li>4 Chemie, Pharma</li> <li>5 Consulting, persönliche Dienstleistungen</li> <li>6 E-Commerce</li> <li>7 Einzelhandel, Grosshandel, Reparaturen</li> <li>8 Energiewirtschaft, Versorgung</li> <li>9 Lebensmittelherstellung/-verarbeitung, Tabak</li> <li>10 Erziehung, Bildung, Unterricht</li> <li>11 Gastronomie, Hotellerie, Tourismus</li> <li>12 Gemeinnützige Unternehmen, Sozialwesen, Kirche</li> <li>13 Gesundheitswesen / Medizin</li> <li>14 Sport</li> <li>15 Immobilienwirtschaft</li> <li>16 IT / Informatik</li> <li>17 Kultur (Kunst, Literatur, Theater, Musik, Kino)</li> <li>18 Landwirtschaft, Gartenbau, Forstwirtschaft, Fischerei</li> <li>19 Markt- und Meinungsforschung</li> <li>20 Ingenieurwesen, Metallverarbeitung, Maschinenbau, Fahrzeugbau</li> <li>21 Medien, Verlag</li> <li>22 Militär</li> <li>23 Öffentliche Verwaltung</li> <li>24 Papier, Druck</li> <li>25 Rechtswesen / Justiz</li> <li>26 Personenverkehr, Mobilität</li> <li>27 Sicherheit</li> <li>28 Telekommunikation</li> <li>29 Textil, Bekleidung, Leder</li> <li>30 Logistik, Post, Gütertransport</li> <li>31 Versicherungen</li> <li>32 Werbung, Graphik, Kommunikation, Marketing, PR</li> <li>33 Wissenschaft</li> <li>34 Andere Branche</li> </ul>
<b>md_zivil</b>	Civil status <ul style="list-style-type: none"> <li>1 Single</li> <li>2 Married</li> <li>3 Divorced</li> <li>4 Widowed</li> </ul>
<b>md_ek</b>	Household gross income per month <ul style="list-style-type: none"> <li>1 Less than 3,000</li> <li>2 3,000-4,500</li> <li>3 4,501-6,000</li> <li>4 6,001-9,000</li> <li>5 9,001-12,000</li> <li>6 More than 12,000</li> <li>-1 no answer/does not know</li> </ul>
<b>md_schweiz</b>	Nationality <ul style="list-style-type: none"> <li>0 Foreigner</li> <li>1 Swiss</li> </ul>

<b>md_wohntyp</b>	Type of living area 1 City 2 Agglomeration 3 Countryside
<b>md_kanton</b>	Canton of residence 1 ZH 2 BE 3 LU 4 UR 5 SZ 6 OW 7 NW 8 GL 9 ZG 10 FR 11 SO 12 BS 13 BL 14 SH 15 AR 16 AI 17 SG 18 GR 19 AR 20 TG 21 TI 22 VD 23 VS 24 NE 25 GE 26 JU
<b>md_hhgr</b>	Household size
<b>md_hh_agep1 to md_hh_agep14</b>	Age of additional person 1 to 14 in HH (in years)
<b>md_213</b>	Train ticket 1 None 2 GA 3 Half-fare 4 Point-to-point/regional 5 Other
<b>md_214</b>	Train usage 1 Non user 2 Low user 3 Heavy user 4 Heavy user commuter 5 Top user
<b>md_220</b>	Number of cars in household (0, 1, 2, 3, 4 = 4 or more)
<b>md_291</b>	Plane trips: last 12 months
<b>md_292</b>	Plane trips: Business Class/First Class
<b>md_380</b>	Number of TV(s) in household (0, 1, 2, 3 = 3 or more)

<b>md_410</b>	Internet usage 1 Daily/almost daily 2 Several times a week 3 Once a week 4 Several times a month 5 Less frequently
<b>md_630</b>	Insurance: Accident 0 no 1 yes
<b>md_631</b>	Insurance: Auto 0 no 1 yes
<b>md_632</b>	Insurance: Legal expenses 0 no 1 yes
<b>md_633</b>	Insurance: Household 0 no 1 yes
<b>md_634</b>	Insurance: Personal liability 0 no 1 yes
<b>md_635</b>	Insurance: Building 0 no 1 yes
<b>md_637</b>	Insurance: Life 0 no 1 yes
<b>md_638</b>	Insurance: Disability 0 no 1 yes
<b>md_639</b>	Insurance: 3a pillar (private pensions) 0 no 1 yes
<b>md_640</b>	Insurance: Pet 0 no 1 yes
<b>md_645</b>	Insurance: None 0 no 1 yes
<b>md_700</b>	Electricity bill (CHF/year) 1 Less than 400 2 401-800 3 801-1,200 4 1,201-1,600 5 More than 1,600 -1 does not know
<b>md_701</b>	Photovoltaic system in HH 0 no 1 yes
<b>md_702</b>	Heat pump in HH 0 no 1 yes

<b>md_703</b>	Electric boiler in HH 0 no 1 yes
<b>md_707</b>	E-Bike in HH 0 no 1 yes
<b>md_708</b>	Electric car in HH 0 no 1 yes
<b>md_709</b>	Green power - use last 12 months 0 no 1 yes
<b>md_710</b>	Energy efficiency consulting - use last 12 months 0 no 1 yes
<b>md_712</b>	Energy saving portal - use last 12 months 0 no 1 yes
<b>md_801</b>	Sport: Basketball, Streetball 0 no 1 yes
<b>md_802</b>	Sport: Ice hockey 0 no 1 yes
<b>md_803</b>	Sport: Ice skating 0 no 1 yes
<b>md_804</b>	Sport: Fitness training 0 no 1 yes
<b>md_805</b>	Sport: Soccer 0 no 1 yes
<b>md_806</b>	Sport: Handball 0 no 1 yes
<b>md_807</b>	Sport: Inline skating 0 no 1 yes
<b>md_808</b>	Sport: Jogging 0 no 1 yes
<b>md_809</b>	Sport: Combat sports 0 no 1 yes
<b>md_810</b>	Sport: Canoeing, kayaking 0 no 1 yes
<b>md_811</b>	Sport: Bowling 0 no 1 yes
<b>md_812</b>	Sport: Climbing, mountaineering 0 no 1 yes

<b>md_813</b>	Sport: Strength training, bodybuilding 0 no 1 yes
<b>md_814</b>	Sport: Athletics 0 no 1 yes
<b>md_815</b>	Sport: Rowing 0 no 1 yes
<b>md_816</b>	Sport: Shooting 0 no 1 yes
<b>md_817</b>	Sport: Snow sports 0 no 1 yes
<b>md_818</b>	Sport: Swimming 0 no 1 yes
<b>md_819</b>	Sport: Sailing 0 no 1 yes
<b>md_820</b>	Sport: Squash 0 no 1 yes
<b>md_821</b>	Sport: Dance 0 no 1 yes
<b>md_822</b>	Sport: Diving 0 no 1 yes
<b>md_823</b>	Sport: Tennis 0 no 1 yes
<b>md_824</b>	Sport: Gymnastics 0 no 1 yes
<b>md_825</b>	Sport: Unihockey, field hockey, roller hockey 0 no 1 yes
<b>md_826</b>	Sport: Volleyball, beach volleyball 0 no 1 yes
<b>md_827</b>	Sport: Hiking, walking, mountain hiking 0 no 1 yes
<b>md_828</b>	Sport: Windsurfing, surfing, kite surfing 0 no 1 yes
<b>md_829</b>	Sport: Yoga, tai chi, qi gong, asf. 0 no 1 yes
<b>md_830</b>	Sport: Badminton 0 no 1 yes



<b>md_831</b>	Sport: Cycling, mountain biking 0 no 1 yes
<b>md_832</b>	Sport: Golf 0 no 1 yes
<b>md_833</b>	Sport: Horse riding 0 no 1 yes
<b>md_850</b>	Hobby: Crafts, DIY 0 no 1 yes
<b>md_851</b>	Hobby: Photography, video 0 no 1 yes
<b>md_852</b>	Hobby: Handcrafts 0 no 1 yes
<b>md_853</b>	Hobby: Card, board games 0 no 1 yes
<b>md_854</b>	Hobby: Cooking 0 no 1 yes
<b>md_855</b>	Hobby: Cosmetics, Styling 0 no 1 yes
<b>md_856</b>	Hobby: Playing music 0 no 1 yes
<b>md_857</b>	Hobby: Plants, gardening 0 no 1 yes
<b>md_858</b>	Hobby: Walking, hiking, excursions 0 no 1 yes
<b>md_859</b>	Hobby: Games on computer, play station, smartphone 0 no 1 yes
<b>md_860</b>	Hobby: Work in associations 0 no 1 yes
<b>md_861</b>	Hobby: Drawing, painting 0 no 1 yes
<b>md_870</b>	Leisure: Classical concerts, operas 0 no 1 yes
<b>md_871</b>	Leisure: Cinemas 0 no 1 yes
<b>md_872</b>	Leisure: Sports events 0 no 1 yes

<b>md_873</b>	Leisure: Discos, clubs 0 no 1 yes
<b>md_874</b>	Leisure: Bars, pubs, cafes 0 no 1 yes
<b>md_875</b>	Leisure: Shopping 0 no 1 yes
<b>md_876</b>	Leisure: Theaters, museums, galleries 0 no 1 yes
<b>md_877</b>	Leisure: Pop, rock concerts 0 no 1 yes
<b>md_890</b>	Smoker 0 no 1 yes -3 no answer

## Introduction

### intro

Welcome to the SCCER-CREST questionnaire.

The complete questionnaire should take about 30 minutes. It is possible to quit the survey and resume later. All your answers will be treated anonymously and confidentially. They will only be used for scientific analyses by academic researchers.

Your participation is greatly appreciated.

### screen

Are you the responsible person in your household?

*For example: you take care of expenses, and/or invoices, ...*

- Yes, I am the only responsible person. (1)
- Yes, I am partly responsible. (2)
- No, I am not the responsible person, even partially. (3) → end of survey

## Electricity (elec1 to elec13)

### elec1

Which devices do you own?

*Disregard public facilities of your building.*

For each device 0 = no, 1 = yes.

- Fridge [ \_1 ]
- Freezer (separated from fridge) [ \_2 ]
- Microwave oven [ \_3 ]
- Dishwasher [ \_4 ]
- Coffee machine [ \_5 ]
- Juice maker [ \_6 ]
- Food processor [ \_7 ]
- Steam cooker [ \_8 ]
- Washing machine [ \_9 ]
- Dryer [ \_10 ]
- Robot vacuum cleaner [ \_11 ]
- TV [ \_12 ]
- TV box [ \_13 ]
- Home theater system [ \_14 ]
- Internet modem [ \_15 ]
- Desktop computer [ \_16 ]
- Laptop [ \_17 ]
- Tablet [ \_18 ]
- Smartphone [ \_19 ]
- Infra-red electric heater [ \_20 ]
- Air conditioner [ \_21 ]
- Humidifier [ \_22 ]
- Sauna [ \_23 ]
- Solarium [ \_24 ]
- Jacuzzi [ \_25 ]
- Swimming pool [ \_26 ]
- Aquarium/Terrarium [ \_27 ]

### elec2

How many of the following devices do you own?

Only the relevant choices (i.e., those ticked in **elec1**) are displayed to the respondent.

Device numbers in line with **elec1**.

	1 (1)	2 (2)	3 (3)	4 (4)	5 or more (5)
TV(s) [ _12 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Desktop computer(s) [ _16 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laptop(s) [ _17 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tablet(s) [ _18 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**elec3**

What is the energy label of your devices?

*If you own several devices in the same category, consider the one you use the most.*

Only the relevant choices (i.e., those ticked in **elec1**) are displayed to the respondent.

Device numbers in line with **elec1**.

	A+++ (1)	A++ (2)	A+ (3)	A (4)	B (5)	C or worse (6)	I do not know (-1)
Fridge [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Freezer (separated from fridge) [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dishwasher [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Washing machine [ _9 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dryer [ _10 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TV [ _12 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**elec4**

How many times per week do you use...

Only relevant choices (i.e., those ticked in **elec1**) are displayed to the respondent.

Device numbers in line with **elec1**.

the dishwasher: [ \_4 ] \_\_\_\_\_

the washing machine: [ \_9 ] \_\_\_\_\_

the dryer: [ \_10 ] \_\_\_\_\_

**elec5**

On average, how many hours per day are the following devices running in your residence?

*If you have several devices in the same category, add up usage times of all devices.*

Only relevant choices (i.e., those ticked in **elec1**) are displayed to the respondent.

Device numbers in line with **elec1**.

TV(s): [ \_12 ] \_\_\_\_\_

Computer(s)/laptop(s): [ \_16\_17 ] \_\_\_\_\_

Tablet(s): [ \_18 ] \_\_\_\_\_

**elec6**

What type of bulbs do you usually use in your residence?

	None (1)	Some (2)	Only (3)
Conventional [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Energy-saving [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LED [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**elec7**

How much do you pay for electricity (including VAT) during a one-year period?

*Please use your last annual bill to answer this question.*

Amount (CHF): [ \_1 ] \_\_\_\_\_

Source: [ \_2 ]

- Bill (1)
- Estimation (2)
- does not know (-1)

**elec8**

How much electricity do you use during a one-year period?

*Please use your last annual bill to answer this question.*

Amount (kWh): [ \_1 ] \_\_\_\_\_

Source: [ \_2 ]

- Bill (1)
- Estimation (2)
- does not know (-1)

**elec9**

How much do you pay for 1 kilowatt hour (kWh) of electricity?

*Please indicate the average price stated on your bill.*

Price of 1 kWh (in cents): \_\_\_\_\_

**elec10**

What is your electricity mix?

- The default mix proposed by my provider (1)
- A more expensive mix (containing green energy) (2)
- Other (specify): (3) \_\_\_\_\_ (text in **elec10\_other**)

**elec11**

If possible, specify the names of your...

Provider: [ \_1 ] \_\_\_\_\_

Electricity mix: [ \_2 ] \_\_\_\_\_

**elec12**

How many warm meals per week do you cook at home?

	1 or less (1)	2-3 (2)	4 or more (3)
Morning/Midday [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Evening [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**elec13**

Do you switch off (no standby position) the following electronic devices when you do not use them?

Only the relevant choices (i.e., those ticked in **elec1**) are displayed to the respondent.

Device numbers in line with **elec1**.

	Often (1)	Occasionally (2)	Almost never (3)
TV [ _12 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Coffee machine [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Desktop computer [ _16 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internet modem [ _15 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Smartphone [ _19 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Mobility (mob1 to mob14)

**mob1**

How many public transport tickets of each type does your household own?

	0 (0)	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	8 (8)	9 (9)	10 or more (10)
GA travel card(s) [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Half-fare travel card(s) [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Regional travel card(s) [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**mob2**

How many vehicles of each type does your household own?

	0 (0)	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	8 (8)	9 (9)	10 or more (10)
Car(s) [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Motorbike(s) [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bike(s) [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E-bike(s) [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If car = 0, the respondent jumps to **mob11**.

**mob3**

Please indicate the characteristics of your car.

*If you own several cars, consider the main (most used) car. If your car does not appear in the list, leave the fields blank and specify these items in the next question.*

Manufacturer: [ \_1 ] (text variable)

Model: [ \_2 ] (text variable)

Engine: [ \_3 ]

- Gasoline (1)
- Diesel (2)
- Natural gas (3)
- E85 (4)
- Electric (including hybrid) (5)

Transmission: [ \_4 ]

- Manual (1)
- Automatic (2)

Number of doors: [ \_5 ]

**mob3b**

Enter here the characteristics of your car if they do not appear in the list above (= list proposed in **mob3**).

\_\_\_\_\_ (text variable)

**mob4**

When did you purchase the car?

Year [ \_1 ]

Month [ \_2 ]

**mob5**

When was the car registered for the first time?

Year [ \_1 ]

Month [ \_2 ]

**mob6**

When you purchased the car, how many kilometers did the odometer read?

*Give your best estimation.*

km: \_\_\_\_\_

**mob7**

Currently, how many kilometers does the odometer read?

*Give your best estimation.*

km: \_\_\_\_\_



**mob8**

How much longer do you plan to keep the car?

- Less than 2 years (1)
- 2-5 years (2)
- More than 5 years (3)

**mob9**

In your experience, how much does the car consume over 100km?

*Give your best estimation.*

*If consumption for your car is not provided in liters (but for example in kg of natural gas or in kWh of electricity), please use the second field and specify the type of fuel used.*

- L/100km: [   1   ] \_\_\_\_\_
- Other units (please specify the units): [   2   ] \_\_\_\_\_

**mob10**

What is the energy label of the car?

- A (1)
- B (2)
- C (3)
- D (4)
- E (5)
- F (6)
- G (7)
- I do not know (-1)

**mob11**

What mode of transportation do you mainly use for going from home to work?

- Private car (1)
- Car sharing (2)
- Public transportation (3)
- Soft mobility (bike, foot) (4)
- Other (specify): (5) \_\_\_\_\_ (text in **mob11\_other**)
- I do not work (6)

**mob12**

What mode of transportation do you mainly use for leisure activities?

- Private car (1)
- Car sharing (2)
- Public transportation (3)
- Soft mobility (bike, foot) (4)
- Other (specify): (5) \_\_\_\_\_ (text in **mob12\_other**)

**mob13**

Over the last 12 months, how many times did you travel by plane for personal reasons?

*A round trip = 1 and includes stopovers.*

	0 (0)	1 (1)	2 (2)	3 (3)	4 (4)	5 or more (5)
Short or middle distance [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Long distance [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**mob14**

Over the last 12 months, how much have you spent on air travel for personal reasons?

Only displayed if the respondent indicated at least 1 travel in **mob13**.

CHF: \_\_\_\_\_

## Heating (heat1 to heat10)

**heat1**

What energy source do you primarily rely on for ...?

	Oil (1)	Gas (2)	Electricity (3)	Wood (4)	Heat pump (5)	Solar (6)	District heating (7)	Other (8)	I do not know (-1)
heating [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
warm water [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
cooking [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**heat2**

In addition to the main system, do you have a secondary system in your residence?

*Examples:*

- *For heating: an electric storage heater or a small gas boiler in the kitchen or bathroom.*
- *For warm water: an electric or gas boiler in the kitchen or bathroom.*

	Yes (1)	No (0)	I do not know (-1)
heating [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
warm water [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**heat3**

On your bills, are heating and warm water costs separated?

- Yes (1)
- No (0)
- I do not know (-1)

**heat4**

Is your bill for heating and warm water based on your actual consumption or on the size of your residence?

- Based on actual consumption (1)
- Based on size of residence (2)
- A combination of size and actual consumption (3)
- Other (specify): (4) \_\_\_\_\_ (text in **heat4\_other**)
- I do not know (-1)

**heat5**

How much do you pay for heating and warm water during a one-year period?

*If possible, please use your last bill to answer this question.*

Amount (CHF): [ \_1 ] \_\_\_\_\_

Source: [ \_2 ]

- Bill (1)
- Estimation (2)
- does not know (-1)

**heat6**

Do you...

	Yes (1)	No (0)
...heat all rooms at the same temperature? [ _1 ]	<input type="radio"/>	<input type="radio"/>
...set heating at a different temperature during day and night? [ _2 ]	<input type="radio"/>	<input type="radio"/>
...turn down heating when you are away for some days (vacations, ...)? [ _3 ]	<input type="radio"/>	<input type="radio"/>

**heat7**

At what average temperature (°C) do you heat your living room during the day?

°C: \_\_\_\_\_

**heat8**

On average, how many showers and baths are taken per week in your household?

*Please add up usages for all persons in the household.*

Showers: [ \_1 ]

Baths: [ \_2 ]

**heat9**

Do you have an automatic ventilation system?

- Yes (1)
- No (0)
- I do not know (-1)

**heat10**

When in need for fresh air in winter, what do you usually do?

- I open a hopper window for a few minutes. (1)
- I open a window for a few minutes. (2)
- I open several windows for a few minutes. (3)
- I always leave a hopper window open. (4)
- Other (specify): (5) \_\_\_\_\_ (text in **heat10\_other**)

## Psychological attitudes (psy1 to psy6)

### psy1

In the following, we refer to environmentally friendly acts when a behavior has as little negative impact as possible on the environment or when it even has a positive impact on the environment.

We ask you to report your feelings when you or other persons act in an environmentally friendly (+) or unfriendly (-) manner. Please rate the extent to which you agree with the following statements.

	Totally disagree 1 (1)	2 (2)	3 (3)	4 (4)	Totally agree 5 (5)
I feel PROUD when I act in an environmentally friendly manner. [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel HAPPY when I conserve or avoid wasting natural resources. [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel GUILTY when I harm the environment. [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel APPRECIATION towards others when they act in an environmentally friendly manner. [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel WARM towards others when they conserve or avoid wasting natural resources. [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel CONTENT when I act in an environmentally friendly manner. [ _6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel INDIGNANT when others act in an environmentally unfriendly manner. [ _7 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel REGRET when I waste natural resources. [ _8 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel ANGRY when others act in an environmentally unfriendly manner. [ _9 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel ASHAMED when I act in an environmentally unfriendly manner. [ _10 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel DISGUSTED when others waste natural resources. [ _11 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel POSITIVE towards others when they act environmentally friendly. [ _12 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**psy2**

In the following, we ask you to report your feelings when you are pushed or forced to act environmentally friendly or unfriendly.

Examples:

- *A friend wants you to take the bike instead of your car for commuting.*
- *You want to recycle a plastic bottle but no appropriate garbage bin is available.*

Please rate the extent to which you agree with the following statements.

	Totally disagree 1 (1)	2 (2)	3 (3)	4 (4)	Totally agree 5 (5)
I feel FRUSTRATED when I would like to act environmentally friendly, but external circumstances prevent me from doing so. [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel ANGRY when efforts to protect the environment constrict my freedom. [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel ANNOYED when others try to convince me to act in a more environmentally friendly manner. [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel DISSATISFIED when I intend to conserve natural resources, but external circumstances prevent me from doing so. [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel HOSTILE when I am forced to act in a more environmentally friendly manner. [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel ANGRY when external circumstances force me to act in an environmentally unfriendly manner. [ _6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**psy3**

In the following, we ask you to report your feelings to the environment and potential environmental change.

Please rate the extent to which you agree with the following statements.

	Totally disagree 1 (1)	2 (2)	3 (3)	4 (4)	Totally agree 5 (5)
I feel GRATEFUL for our planet and its nature. [_1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel WORRIED about the future of our nature. [_2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel AWE for our planet and its nature. [_3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel ANXIOUS when I think about the future of our planet. [_4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel SAD about how mankind treats nature. [_5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I often feel OVERWHELMED by the beauty of nature. [_6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**psy4**

In the following you will find 16 values. Behind each value there is a short explanation concerning the meaning of the value. Please rate how important each value is for you as a guiding principle in your life.

*Your scores can vary from 1 to 5. The higher the number, the more important the value is as a guiding principle in your life. Try to distinguish as much as possible between the values by using all the scores.*

	Not important 1 (1)	2 (2)	3 (3)	4 (4)	Extremely important 5 (5)
EQUALITY: equal opportunity for all [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RESPECTING THE EARTH: harmony with other species [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SOCIAL POWER: control over others, dominance [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PLEASURE: joy, gratification of desires [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
UNITY WITH NATURE: fitting into nature [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A WORLD AT PEACE: free of war and conflict [ _6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
WEALTH: material possessions, money [ _7 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AUTHORITY: the right to lead or command [ _8 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SOCIAL JUSTICE: correcting injustice, care for the weak [ _9 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ENJOYING LIFE: enjoying food, sex, leisure, etc. [ _10 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PROTECTING THE ENVIRONMENT: preserving nature [ _11 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
INFLUENTIAL: having an impact on people and events [ _12 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HELPFUL: working for the welfare of others [ _13 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PREVENTING POLLUTION: protecting natural resources [ _14 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SELF-INDULGENT: doing pleasant things [ _15 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AMBITIOUS: hard-working, aspiring [ _16 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



**psy5**

Please rate the extent to which you agree with the following statements.

	Totally disagree 1 (1)	2 (2)	3 (3)	4 (4)	Totally agree 5 (5)
The members in my household expect that I save energy. [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I believe that most of my acquaintances save energy wherever it is possible. [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most of my acquaintances expect that I save energy. [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel personally obliged to save as much energy as possible. [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**psy6**

Please rate the extent to which you agree with the following statements.

	Totally disagree 1 (1)	2 (2)	3 (3)	4 (4)	Totally agree 5 (5)
I know how to behave environmentally friendly. [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is easy to conserve and to avoid wasting natural resources. [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can participate in behaviors to protect the environment if I really want to. [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I will take steps to adopt environmentally friendly behaviors even if it causes daily inconveniences. [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Acting environmentally friendly is effective to protect our planet and its nature. [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Acting environmentally friendly will help to prevent the consequences of global warming for our planet and its inhabitants. [ _6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Acting environmentally friendly will contribute to save our natural resources. [ _7 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Risk attitudes (psy7)

### psy7

Financially, do you usually take risks?

- Not at all1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- Very much 5 (5)

## Social performance (soc1 to soc3)

### soc1

Please respond to each description in what respect it applies to your conduct of life.

	Does not apply at all (1)	Does not apply (2)	Applies somewhat (3)	Applies fully (4)
I cultivate an upscale standard of life. [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I live according to religious principles. [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I hold on my family's old traditions. [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I enjoy my life to the full. [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I go out much. [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My life pleases me especially well when a lot of activities is going on. [ _6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### soc2

How often do you perform the following leisure activities?

	Never (1)	Seldom (2)	Sometimes (3)	Often (4)
Visiting art exhibitions or galleries. [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reading books. [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reading a regional newspaper such as 20 minutes. [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reading a nationwide newspaper such as NZZ. [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### soc3

If you go out to have a really good dinner, how much do you spend per person (including everything) at most?

CHF: \_\_\_\_\_

## Habits and routines (soc4 to soc5)

### soc4

Please indicate the extent to which you agree with the following statements.

	Strongly Disagree (1)	Disagree (2)	Neither Agree nor Disagree (3)	Agree (4)	Strongly Agree (5)
<b>When I am cold, turning up the heating is something...</b>					
I do automatically [ _1a ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do without having to consciously remember [ _1b ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do without thinking [ _1c ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I start doing before I realize I am doing it [ _1d ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Using lids when cooking is something...</b>					
I do automatically [ _2a ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do without having to consciously remember [ _2b ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do without thinking [ _2c ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I start doing before I realize I am doing it [ _2d ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>When I am taking a shower, turning off the water while soaping up is something...</b>					
I do automatically [ _3a ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do without having to consciously remember [ _3b ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do without thinking [ _3c ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I start doing before I realize I am doing it [ _3d ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**soc5**

How important is the following to you?

	Not at all important (1)	Not important (2)	Indifferent (3)	Important (4)	Very Important (5)
Heat your flat enough to not have to wear a pullover in winter [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Live in a large apartment [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Take several bathes per week [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Take long showers [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Leave your appliances in standby when not in use [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wear fresh clothes every day [ _6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Make holidays in faraway countries [ _7 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Live close to place of work [ _8 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have your own car [ _9 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Consume meat [ _10 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Consume regionally produced goods [ _11 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have your own tools and appliances [ _12 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Air regularly in the winter [ _13 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Social context (soc6 to soc8)

### soc6

Regarding energy and saving energy, how strongly do you trust information provided by the following people?

	Not at all 1 (1)	2 (2)	3 (3)	4 (4)	Very strongly 5 (5)	I do not know (-1)
Family, friends or colleagues [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Neighbors [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Swiss Federal Office of Energy [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local authorities [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local energy supply utility [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientists [ _6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Consumer organizations [ _7 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental organizations [ _8 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical experts (engineers, architects, facility managers, ...) [ _9 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Property management company [ _10 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Associations (clubs, ...) [ _11 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### soc7

From whom have you already taken up recommendation for changing your energy consumption?

For each person/organization 0 = no, 1 = yes.

- Family, friends or colleagues [ \_1 ]
- Neighbors [ \_2 ]
- Swiss Federal Office of Energy [ \_3 ]
- Local authorities [ \_4 ]
- Local energy supply utility [ \_5 ]
- Scientists [ \_6 ]
- Consumer organizations [ \_7 ]
- Environmental organizations [ \_8 ]
- Technical experts (engineers, architects, facility managers, ...) [ \_9 ]
- Property management company [ \_10 ]
- Associations (clubs, ...) [ \_11 ]
- Other (specify): [ \_12 ] \_\_\_\_\_ (text in **soc7\_12\_other**)
- No one [ \_13 ]

**soc8**

Have you experienced the following life events?

	During the last 12 months (1)	Between 1 and 5 years ago (2)	Not in the last 5 years (3)
Wedding [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Birth of first child [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Divorce [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Marital separation [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unemployment [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Personal injury or illness [ _6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Change in health of family member [ _7 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pregnancy [ _8 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Death of spouse/partner [ _9 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Start a new job [ _10 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Moving of houses [ _11 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Start university/college [ _12 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Retirement [ _13 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Serious environmental disaster (e.g., flooding, etc.) [ _14 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Measures (soc9)****soc9**

Over the past 5 years, did your household participate in or benefit from one of the following offers by your utility or your municipality?

	Yes (1)	No (0)	I do not know (-1)
Energy check (consulting) in your residence [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rebate on electrical appliances [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Online self-monitoring tool allowing to monitor your energy consumption [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Smart electricity meters allowing to view your electricity consumption in real time [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Support for energy-efficiency investment (loan/subsidy/tax credit) [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Feed-in remuneration at cost/one-off investment grant [ _6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Energy literacy (enlit1 to enlit10)

### enlit1

What do you think the top rating of the energy label for cars stands for?

- An overall low amount of fuel consumption compared to all other vehicles in the market. (1)
- A low amount of fuel consumption compared to other similar vehicles. (2)

### enlit2

How much do you think it costs in terms of electricity to run the following devices?

*Amounts in cents*

	0-19 (1)	20-39 (2)	40-59 (3)	60-79 (4)	80-100 (5)	More than 100 (6)	I do not know (-1)
A desktop computer for 1 hour [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A washing machine (load of 5kg at 60°C) [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### enlit3

Which of the following consumes more energy?

- Producing 1kg of beef (1)
- Taking a warm bath (2)
- Both consume about the same (3)
- I do not know (-1)

**enlit4**

In the following pairs, which of the two consumes more electricity?

Pair 1 [ \_1 ]

- Bringing 1 litre of water to a boil in an average pot with lid (1)
- Running a washing machine with a load of 5kg at 60°C (2)
- Both consume about the same (3)
- I do not know (-1)

Pair 2 [ \_2 ]

- Bringing 1 litre of water to a boil in an average pot with lid (1)
- Bringing 1 litre of water to a boil in an electric kettle (2)
- Both consume about the same (3)
- I do not know (-1)

Pair 3 [ \_3 ]

- Running a desktop PC for 1 hour (1)
- Running a laptop for 1 hour (2)
- Both consume about the same (3)
- I do not know (-1)

**enlit5**

Indicate whether the following statements are true or false.

	True (1)	False (2)	I do not know (-1)
The biggest share of energy consumed in a Swiss household is for heating purposes. [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CO <sub>2</sub> emissions play a crucial role in global warming. [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Simply lowering the heating temperature in an average household by 1°C can help to cut down the heating demand by 6%. [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Coal is a renewable energy resource. [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydroelectric power plants account for 10% of total Swiss electricity production. [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



**enlit6**

Do you believe that energy prices will decrease or increase in the future?

	Significant decrease (1)	Decrease (2)	No decrease or increase (3)	Increase (4)	Significant increase (5)	I do not know (-1)
Oil price [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electricity price [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**enlit7**

Assume that you need to replace your fridge. You expect to stay in your current residence for another 10 years. In a shop you find the following two fridges which are identical in terms of size and cooling service:

	Fridge A	Fridge B
<b>Purchase price</b>	3,300 CHF	2,800 CHF
<b>Electricity consumption</b>	100 kWh/year	200 kWh/year

Assuming that one kilowatt hour (kWh) of electricity will cost about 20 cents on average during the next 10 years and that the value of 1 CHF in 10 years is the same as the value of 1 CHF today: Which of the two fridges minimizes your expenditure for cooling food and beverages during the lifetime of 10 years?

- The fridge for CHF 2,800 (1)
- The fridge for CHF 3,300 (2)

The order of the fridges in the table and the responses were randomized.

Before this question, respondents were divided in three groups (see variable **gr**, 80% in group 1, 10% in group 2, 10% in group 3, with representativity enforced at the group level using the same quotas as for entire sample):

- **gr = 1:** control group. No additional information.
- **gr = 2:** treatment group. A series of information pages was shown to respondents in this group.
- **gr = 3:** treatment group. An online calculator was available to respondents in this group.

**enlit8**

How did you reach your conclusion?

- I compared the lifetime energy costs of the two fridges (1)
- I compared the total lifetime cost of the two fridges (i.e. purchase price + lifetime energy cost) (2)
- I had problems making a choice, so I chose randomly (3)
- I compared the prices of the two fridges (4)
- I compared the electricity consumption of the two fridges (5)
- Other reason (6)

**enlit9**

How useful did you consider the information pages to support your decision?

This question is only displayed for respondents included in treatment group with information pages (**gr = 2**).

- I did not look at them (1)
- Not at all useful (2)
- Not very useful (3)
- Neutral (4)
- Useful (5)
- Very useful (6)

**enlit10**

How useful did you consider the online calculator to support your decision?

This question is only displayed for respondents included in treatment group with online calculator (**gr = 3**).

- Did not look at it (1)
- Not at all useful (2)
- Not very useful (3)
- Neutral (4)
- Useful (5)
- Very useful (6)
- Did not work (technical issues) (7)

## Accommodation (accom1 to accom15)

**accom1**

Regarding your accommodation, you are...

- Owner (1)
- Tenant (2)
- Living in a cooperative (3)

**accom2**

What type is your accommodation?

- House (1)
- Flat in a building with less than 5 flats (2)
- Flat in a building with 5 to 10 flats (3)
- Flat in a building with more than 10 flats (4)

**accom3**

Since when do you live in your current accommodation?

- yyyy (year if  $\geq 1970$ )
- Before 1970 (1969)
- I do not know (-1)

**accom4**

What is the date of construction of your accommodation?

- 2010 or after (1)
- 2000-2009 (2)
- 1990-1999 (3)
- 1980-1989 (4)
- 1970-1979 (5)
- 1960-1969 (6)
- Before 1960 (7)
- I do not know (-1)

**accom5**

What is the size of the living area in your accommodation?

m<sup>2</sup>: \_\_\_\_\_

**accom6**

Your accommodation contains...

	0 (0)	1 (1)	2 (2)	3 (3)	4 (4)	5 or more (5)
Rooms (including kitchen) [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bathrooms, toilets [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other spaces (e.g., cellar, garage, winter garden) [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**accom7**

Does your accommodation conform with the Minergie standard or better standards?

- Yes (1)
- No (0)
- I do not know (-1)

**accom8**

Which of the following devices is your accommodation equipped with?

For each device 0 = no, 1 = yes.

- Photovoltaic solar panels (to produce electricity) [ \_1 ]
- Solar thermal panels (to produce hot water) [ \_2 ]
- Heat pump [ \_3 ]
- None [ \_4 ]
- I do not know [ \_5 ]

**accom9**

What type of renovations took place in your building?

For each renovation 0 = no, 1 = yes.

- Insulation (façade, roofing or cellar) [ \_1 ]
- Renovation of windows [ \_2 ]
- Renovation of heating system [ \_3 ]
- Change of the heating system [ \_4 ]
- New kitchen [ \_5 ]
- Other (specify): [ \_6 ] \_\_\_\_\_ (text in **accom10\_6\_other**)
- None [ \_7 ]
- I do not know [ \_8 ]

**accom10**

When did these renovations take place in your building?

Only the relevant choices (i.e., those ticked in **accom10**) are displayed to the respondent.

	2010 or later (1)	2000- 2009 (2)	1990- 1999 (3)	1980- 1989 (4)	1970- 1979 (5)	1960- 1969 (6)	Before 1960 (7)	I do not know (-1)
Insulation (façade, roofing or cellar) [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Renovation of windows [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Renovation of heating system [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Change of the heating system [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
New kitchen [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other [ _6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**accom11**

How close is your home to the following places?

	< 0.5 km (1)	0.5 - 1 km (2)	1 - 2 km (3)	> 2 km (4)	I do not know (-1)
Grocery store [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public transport stop [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Post office [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Daycare [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Kindergarten [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
School [ _6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playground [ _7 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sports field [ _8 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**accom12**

How do you usually go to the following places?

The options "Car" and "Motorcycle" are only displayed if the respondent did not indicate "0" in **mob2**.

	Car (1)	Public transportation (2)	Motorcycle (3)	Bike/foot (4)	I never go to such a place (5)
Grocery store [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public transport stop [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Post office [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Daycare [ _4 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Kindergarten [ _5 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
School [ _6 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playground [ _7 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sports field [ _8 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**accom13**

Do you have a second house or flat (owned or rented)?

	Yes (1)	No (0)
For work [ _1 ]	<input type="radio"/>	<input type="radio"/>
For holidays [ _2 ]	<input type="radio"/>	<input type="radio"/>

**accom14**

On average, for how many days per week do you use your second (work) residence?

Only displayed if the respondent ticked yes for work in **accom14**.

Days per week: \_\_\_\_\_

**accom15**

On average, for how many weeks per year do you use your second (holiday) residence?

Only displayed if the respondent ticked yes for holidays in **accom14**.

Weeks per year: \_\_\_\_\_

## Socio-economics (seco1 to seco7)

**seco1**

How many persons (including yourself and children) are there in your household?

	0 (0)	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	8 (8)	9 (9)	10 or more (10)
Females [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Males [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**seco2**

How many persons of your household are working for pay?

	0 (0)	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	8 (8)	9 (9)	10 or more (10)
Full time (90-100%) [ _1 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Part time (50-80%) [ _2 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Part time (< 50%) [ _3 ]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**seco3**

Which of the following best describes your household type?

- Couple without children (1)
- Couple with children (2)
- Single parent with one or more children (3)
- Patchwork family (4)
- Non-family shared household (5)

**seco4**

What is the zip code at your workplace?

Leave empty if you do not work.

ZIP code: [ \_1 ] \_\_\_\_\_

Country: [ \_2 ]

- Switzerland
- Abroad

**seco5**

What is the monthly gross income (CHF) of your household?

- 3,000 or less (1)
- 3,000-4,459 (2)
- 4,500-5,999 (3)
- 6,000-8,999 (4)
- 9,000-12,000 (5)
- 12,000 or more (6)
- I prefer not to say (-3)
- I do not know (-1)

**seco6**

In a typical month, how much does your household spend in the following areas?

- Fuel (cars and motorbikes): [ **\_1** ] \_\_\_\_\_
- Public transportation: [ **\_2** ] \_\_\_\_\_
- Food and beverages (without restaurants): [ **\_3** ] \_\_\_\_\_
- Leisure (restaurant, movies, hotel, ...): [ **\_4** ] \_\_\_\_\_
- Communication (phone, internet): [ **\_5** ] \_\_\_\_\_
- Apparel, shoes and accessories: [ **\_6** ] \_\_\_\_\_
- Savings: [ **\_7** ] \_\_\_\_\_
- All other goods and services: [ **\_8** ] \_\_\_\_\_

**seco7**

If you had 1,000 CHF more per year, how would you spend it?

*The total must be equal to 1,000 CHF.*

*Amounts in brackets are based on your household's typical expenditures. You can use them as a benchmark.*

- Air travel: [ **\_1** ] \_\_\_\_\_
- Fuel (cars and motorbikes): [ **\_2** ] \_\_\_\_\_
- Public transportation: [ **\_3** ] \_\_\_\_\_
- Food and beverages (without restaurants): [ **\_4** ] \_\_\_\_\_
- Leisure (restaurant, movies, hotel, ...): [ **\_5** ] \_\_\_\_\_
- Communication (phone, internet): [ **\_6** ] \_\_\_\_\_
- Apparel, shoes and accessories: [ **\_7** ] \_\_\_\_\_
- Savings: [ **\_8** ] \_\_\_\_\_
- All other goods: [ **\_9** ] \_\_\_\_\_

## Conclusion

Thank you very much

Please be sure to click "next" to confirm definitely your answers and receive your bonus points. You will then be redirected to Intervista's website.

You can make any comment or remark in the box below. Also, if you would like to be informed about the results of the project, please indicate your e-mail address in the field below.

Thank you very much for your participation in this survey.

Comments or remarks: \_\_\_\_\_

E-mail address: \_\_\_\_\_ (not provided in the dataset)