

Swiss Household Energy Demand Survey (SHEDS), Wave 2020

Questionnaire and codes

Last update: 03.07.2020

Preliminary notes

This document contains all questions and codes for wave 2020 of the Swiss Household Energy Demand Survey (SHEDS). The related datasets are named SHEDS2020.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 "○".
- In questions where multiple answers are possible, choices appear with a square "□".
- Text **shaded in grey** provide additional indications that were not shown to the respondents.
- Negative values indicate special types of missing values. In particular:
 - -1 = does not know (labelled dnk)
 - -2 = does not apply (labelled dna): the question is irrelevant, and hence not displayed to the respondent
- Questions that have marginally changed over the years are appended with a final letter to emphasize the change and prevent any unnoticed mistake when merging different waves. For example, **accom2** in 2016 has been changed to **accom2a** since 2017 because house (**accom2** = 1) has been split to detached house (**accom2a** = 5), semi-detached house (**accom2a** = 6) and terraced house (**accom2a** = 7). In the same spirit, codes of the old variable that were changed (e.g., 1 in **accom2**) are not reused in the new variable.
- The questions are listed in the same order they appear for the respondents during the survey. Numbering of questions is thus not always in a natural order.
- New respondents (i.e. those who did not answer any of the previous waves) and returning respondents (who did answer previous waves) are identified by the variable **old**:
 - 0 = new respondent, who never answered SHEDS before current wave
 - 1 = returning respondent, last wave answered = 2016
 - 2 = returning respondent, last wave answered = 2017
 - 3 = returning respondent, last wave answered = 2018
 - 4 = returning respondent, last wave answered = 2019
- Three different choice experiments were conducted on returning respondents. Each respondent was assigned a single choice experiment, as indicated by the variable **group_ce**:

1. PED (responsible group: UniBas)
2. IST (responsible group: UniNe)
3. PPS (responsible group: ZHAW)

The data relative to the choice experiments are excluded from the main database and provided in secondary databases, as indicated at the beginning of each dedicated section. The link between the main database and the secondary databases can be done using the respondents' **id**.

- The original questionnaire in English, German and French, with all original codes, display logic, and survey flow directly extracted from Qualtrics is available in document SHEDS2020_OriginalQuestionnaireFromQualtrics_EN+FR+DE.docx. Note that some codes displayed in these technical documents may differ from those in the datasets released since some variables have been transformed. In the event of any divergence, the present document shall prevail.
- The respondents who answered the questionnaire completely are identified by variable **finished**. Note that only respondents with finished = 1 are considered by Intervista in the quotas. The incomplete answers are still provided (in datasets named SHEDS2020_incomplete.xyz) and should be used only with caution.

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Interview data (from Qualtrics)

id	Respondent's ID number (from 2 to 15531)
old	Respondent's cohort in SHEDS: 0 = new respondent, who never answered SHEDS before current wave 1 = returning respondent, last wave answered = 2016 2 = returning respondent, last wave answered = 2017 3 = returning respondent, last wave answered = 2018 4 = returning respondent, last wave answered = 2019
every_2nd_year	Indicator defined in survey flow for respondents who have to be submitted to questions asked every 2 nd year: 0 if old is 4 1 if old is 0, 1, 2, 3, 4
last_wave_answered	Year of last wave answered defined in survey flow to facilitate display of some questions: 0 if old is 0 2016 if old is 1 2017 if old is 2 2018 if old is 3 2019 if old is 4
time_since_last_wave	Time elapsed since the last wave answered by the respondent (displayed in some questions): four years if old = 1 three years if old = 2 two years if old = 3 12 months if old = 4
group_ce	Indicator for the choice experiment group 1 = PED (responsible group: UniBas) 2 = IST (responsible group: UniNe) 3 = PPS (responsible group: ZHAW)
q_language	Language used by respondent during the questionnaire DE = German EN = English FR = French
q_totalduration	Duration of questionnaire (in minutes)
duration_hms	Duration in format HH:MM:SS
start	Date and time when questionnaire was started by respondent (format: DDMMYYYY hh:mm:ss)
time1	Date and time recorded after Introduction (format DD.MM.YYYY hh:mm:ss)
time2	Date and time recorded after Electricity (format DD.MM.YYYY hh:mm:ss)
time3	Date and time recorded after Accommodation (format DD.MM.YYYY hh:mm:ss)
time4	Date and time recorded after Heating (format DD.MM.YYYY hh:mm:ss)
time5	Date and time recorded after Mobility (format DD.MM.YYYY hh:mm:ss)
time6	Date and time recorded after Psychological attitudes (format DD.MM.YYYY hh:mm:ss)

time7	Date and time recorded after Habits and routines (format DD.MM.YYYY hh:mm:ss)
time8	Date and time recorded after Social performance (format DD.MM.YYYY hh:mm:ss)
time9	Date and time recorded after Social context (format DD.MM.YYYY hh:mm:ss)
time10	Date and time recorded after Energy literacy (format DD.MM.YYYY hh:mm:ss)
time11	Date and time recorded after COVID19 (format DD.MM.YYYY hh:mm:ss)
time12	Date and time recorded after Socio-economics (format DD.MM.YYYY hh:mm:ss)
time_ce	Date and time recorded after Choice experiment PED/IST/PPS (format DD.MM.YYYY hh:mm:ss)
end	Date and time when questionnaire was ended by respondent (format: DDMMYYYY hh:mm:ss)
finished	Indicator for questionnaire completely (1) or incompletely (0) answered.

Master data (from Intervista)

These variables are available for respondents who were not screened out (**screen ≠ 3**)

age	<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 age_corr has been created as follows:</p> <ol style="list-style-type: none"> 1. For respondents with more than two waves: 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) 2. For respondents with two waves only or for respondents with more than two waves but rule 1 does not apply: consider the most recent observation as being correct and adapt the other observations accordingly 																
agegr	<p>Age groups, used for quotas (Intervista)</p> <table border="1"> <thead> <tr> <th>Group</th> <th>Target quota</th> <th># invited</th> <th># in final sample</th> </tr> </thead> <tbody> <tr> <td>1 = 18-34</td> <td>30%</td> <td>13,879</td> <td>1,520</td> </tr> <tr> <td>2 = 35-54</td> <td>40%</td> <td>8,663</td> <td>2,005</td> </tr> <tr> <td>3 = 55+</td> <td>30%</td> <td>4,572</td> <td>1,522</td> </tr> </tbody> </table> <p>Variable agegr_corr (based on age_corr; see above) is also provided.</p>	Group	Target quota	# invited	# in final sample	1 = 18-34	30%	13,879	1,520	2 = 35-54	40%	8,663	2,005	3 = 55+	30%	4,572	1,522
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sex	<p>Sex, used for quotas (Intervista)</p> <table border="1"> <thead> <tr> <th>Group</th> <th>Target quota</th> <th># invited</th> <th># in final sample</th> </tr> </thead> <tbody> <tr> <td>0 = Male</td> <td>49%</td> <td>9,625</td> <td>2,468</td> </tr> <tr> <td>1 = Female</td> <td>51%</td> <td>17,399</td> <td>2,579</td> </tr> </tbody> </table>	Group	Target quota	# invited	# in final sample	0 = Male	49%	9,625	2,468	1 = Female	51%	17,399	2,579				
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0 = Male	49%	9,625	2,468														
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zip	ZIP code at home (Intervista)																
region	<p>Region, used for quotas (Intervista)</p> <table border="1"> <thead> <tr> <th>Group</th> <th>Target quota</th> <th># invited</th> <th># in final sample</th> </tr> </thead> <tbody> <tr> <td>1 = Suisse romande</td> <td>25%</td> <td>9,004</td> <td>1,264</td> </tr> <tr> <td>2 = Alpen und Voralpen</td> <td rowspan="3">} 75%</td> <td rowspan="3">18,020</td> <td>1,075</td> </tr> <tr> <td>3 = Westmittelland</td> <td>1,190</td> </tr> <tr> <td>4 = Ostmittelland</td> <td>1,518</td> </tr> </tbody> </table>	Group	Target quota	# invited	# in final sample	1 = Suisse romande	25%	9,004	1,264	2 = Alpen und Voralpen	} 75%	18,020	1,075	3 = Westmittelland	1,190	4 = Ostmittelland	1,518
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3 = Westmittelland			1,190														
4 = Ostmittelland			1,518														
flat_rented	<p>Living situation: flat rented (Intervista)</p> <p>0 no 1 yes</p>																
house_rented	<p>Living situation: house rented (Intervista)</p> <p>0 no 1 yes</p>																
flat_owned	<p>Living situation: flat owned (Intervista)</p> <p>0 no 1 yes</p>																
house_owned	<p>Living situation: house owned (Intervista)</p> <p>0 no 1 yes</p>																

residtype	Living situation, used for quotas (Intervista)			
	Group	Target quota	# invited	# in final sample
	1 = Tenant	62.5%	8,052	3,161
	2 = Owner	37.5%	13,235	1,886
	Variable constructed as follows: 1 if flat_owned = 0 and house_owned = 0, 2 if flat_owned = 1 or house_owned = 1.			
duration	Duration of questionnaire (in minutes, Intervista)			
md_bildung	Education (Intervista)			
	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			
md_beruf	Occupation status (Intervista)			
	1 School student			
	2 Student			
	3 Apprentice			
	4 Homemaker			
	5 Employee			
	6 Self-employed			
	7 Entrepreneur			
	8 Farmer			
	9 Retired			
	10 Unemployed			
	11 Other			

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

md_portugal	Nationality: Portugal (Intervista) 0 no 1 yes
md_kroatien	Nationality: Croatia (Intervista) 0 no 1 yes
md_serbien	Nationality: Serbia (Intervista) 0 no 1 yes
md_frankreich	Nationality: France (Intervista) 0 no 1 yes
md_tuerkei	Nationality: Turkey (Intervista) 0 no 1 yes
md_oesterreich	Nationality: Austria (Intervista) 0 no 1 yes
md_uk	Nationality: UK (Intervista) 0 no 1 yes
md_usa	Nationality: USA (Intervista) 0 no 1 yes
md_niederlande	Nationality: Netherlands (Intervista) 0 no 1 yes
md_natandere	Nationality: other (Intervista) 0 no 1 yes
md_wohntyp3_alt	Type of living area (Intervista) 1 City 2 Agglomeration 3 Countryside

md_kanton	Canton of residence (Intervista) 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 27 Liechtenstein 28 Abroad
md_hhgr	Household size (Intervista)
md_hh_agep1 to md_hh_agep14	Age of additional person 1 to 14 in HH (in years, Intervista)
md_204	Abo-Besitz: GA 1. Klasse (Intervista)
md_205	Abo-Besitz: GA 2. Klasse (Intervista)
md_205a	Abo-Besitz: GA FVP (Intervista)
md_206	Abo-Besitz: 1/2-Tax-Abonnement (Intervista)
md_207	Abo-Besitz: Gleis 7 (Intervista)
md_208	Abo-Besitz: Streckenabonnement (Intervista)
md_209	Abo-Besitz: Verbundabonnement (Intervista)
md_210	Abo-Besitz: Inter-Abonnement (Intervista)
md_211	Abo-Besitz: Sonstiges (Intervista)
md_211txt	Abo-Besitz: Sonstiges (Textfeld) (Intervista)
md_212	Abo-Besitz: Keines (Intervista)
md_213	Train ticket (Intervista)
md_214	Train usage (Intervista)
md_220	Number of cars in household (Intervista)
md_alfa	Alfa Romeo (Intervista)
md_audi	Audi (Intervista)
md_bmw	BMW (Intervista)
md_chevrolet	Chevrolet (Intervista)

md_chrysler	Chrysler (Intervista)
md_citroen	Citroën (Intervista)
md_dacia	Dacia (Intervista)
md_daihatsu	Daihatsu (Intervista)
md_dodge	Dodge (Intervista)
md_fiat	Fiat (Intervista)
md_ford	Ford (Intervista)
md_honda	Honda (Intervista)
md_hyundai	Hyundai (Intervista)
md_jaguar	Jaguar (Intervista)
md_jeep	Jeep (Intervista)
md_kia	Kia Motors (Intervista)
md_lancia	Lancia (Intervista)
md_landrover	Land Rover (Intervista)
md_lexus	Lexus (Intervista)
md_mazda	Mazda (Intervista)
md_mercedes	Mercedes-Benz (Intervista)
md_mini	Mini (Intervista)
md_mitsubishi	Mitsubishi (Intervista)
md_nissan	Nissan (Intervista)
md_opel	Opel (Intervista)
md_peugeot	Peugeot (Intervista)
md_porsche	Porsche (Intervista)
md_rangerover	Range Rover (Intervista)
md_renault	Renault (Intervista)
md_saab	Saab (Intervista)
md_seat	Seat (Intervista)
md_skoda	Skoda (Intervista)
md_smart	Smart (Intervista)
md_subaru	Subaru (Intervista)
md_suzuki	Suzuki (Intervista)
md_tesla	Tesla (Intervista)
md_toyota	Toyota (Intervista)
md_vw	Volkswagen (Intervista)
md_volvo	Volvo (Intervista)
md_291	Plane trips: last 12 months (Intervista)
md_292	Plane trips: Business Class/First Class (Intervista)
md_301	MF Postpaid: OrangeSalt (Intervista)
md_302	MF Postpaid: Sunrise (Intervista)
md_303	MF Postpaid: Swisscom (Intervista)
md_304	MF Postpaid: Tele 2 (Intervista)
md_305	MF Postpaid: Cablecom (Intervista)
md_306	MF Postpaid: Mobilezone net (Intervista)
md_307	MF Postpaid: Quickline (Intervista)
md_308	MF Postpaid: Migros Mobile (Intervista)

md_312	MF Postpaid: Anderer Anbieter (Intervista)
md_312txt	MF Postpaid: Anderer Anbieter (Textfeld) (Intervista)
md_315	MF Prepaid: Swisscom (Intervista)
md_316	MF Prepaid: Sunrise (Intervista)
md_317	MF Prepaid: Orange/Salt (Intervista)
md_318	MF Prepaid: M-Budget Mobile (Intervista)
md_319	MF Prepaid: Lycamobile (Intervista)
md_320	MF Prepaid: Lebara Mobile (Intervista)
md_321	MF Prepaid: Coop Mobile (Intervista)
md_322	MF Prepaid: Cablecom (Intervista)
md_323	MF Prepaid: Talk Talk Mobile (Intervista)
md_324	MF Prepaid: Tele 2 (Intervista)
md_325	MF Prepaid: yallo (Intervista)
md_326	MF Prepaid: Mobilezone net (Intervista)
md_327	MF Prepaid: Salut! Mobile (Aldi) (Intervista)
md_335	MF Prepaid: Anderer Anbieter (Intervista)
md_335txt	MF Prepaid: Anderer Anbieter (Textfeld) (Intervista)
md_336	kein Mobiltelefon (Intervista)
md_350	FX: Swisscom (Intervista)
md_351	FX: Sunrise (Intervista)
md_352	FX: Cablecom (Intervista)
md_353	FX: Econophone (Intervista)
md_354	FX: Tele 2 (Intervista)
md_355	FX: Quickline (Intervista)
md_360	FX: Anderer Anbieter (Intervista)
md_360txt	FX: Anderer Anbieter (Textfeld) (Intervista)
md_361	FX: Anschlussart (Intervista)
md_371	Nutzung Tablet (Intervista)
md_372	Nutzung Smartphone (Intervista)
md_373	Nutzung normales Handy (Intervista)
md_380	Number of TV(s) in household (Intervista)
md_381	TV: Cablecom (Intervista)
md_382	TV: Swisscom TV (Intervista)
md_383	TV: Regionaler/lokaler Kabelnetzanbieter (Intervista)
md_383a	TV: Details lokaler/regionaler TV-Kabelanbieter (Intervista)
md_384	TV: Satellitenempfänger (Intervista)
md_385	TV: Sunrise TV (Intervista)
md_390	TV: Sonstiger (Intervista)
md_390txt	TV: Sonstiger (Textfeld) (Intervista)
md_401	Internetanschluss (Intervista)
md_402	Internetzugang: Anschlussart (Intervista)
md_402txt	Internetzugang: Anschlussart - Sonstiges (Textfeld) (Intervista)
md_403	Internetanbieter (Intervista)
md_403txt	Internetanbieter: Anderer (Textfeld) (Intervista)
md_410	Internet usage (Intervista)

md_411	Internetnutzungsart: Kauf von Produkten (Intervista)
md_412	Internetnutzungsart: Online-Banking (Intervista)
md_413	Internetnutzungsart: Online-Auktionen (Intervista)
md_414	Internetnutzungsart: Soziale Netzwerke (Intervista)
md_415	Internetnutzungsart: Kommunikation (Intervista)
md_416	Internetnutzungsart: VPN (Intervista)
md_417	Internetnutzungsart: TV/Video (Intervista)
md_419	Internetnutzungsart: Upload (Intervista)
md_420	Internetnutzungsart: Recherche (Intervista)
md_421	Internetnutzungsart: Information (Intervista)
md_500	Zeitung: 20 Minuten / 20 minutes (Intervista)
md_501	Zeitung: Blick (Intervista)
md_502	Zeitung: Tages-Anzeiger (Intervista)
md_503	Zeitung: Mittelland Zeitung (Intervista)
md_504	Zeitung: Berner Zeitung (Intervista)
md_505	Zeitung: Blick am Abend (Intervista)
md_506	Zeitung: Neue Zürcher Zeitung (Intervista)
md_507	Zeitung: Aargauer Zeitung (Intervista)
md_508	Zeitung: Die Südostschweiz (Intervista)
md_515	Zeitung: Le Matin (Intervista)
md_516	Zeitung: 24 heures (Intervista)
md_517	Zeitung: La Liberté (Intervista)
md_518	Zeitung: Le Temps (Intervista)
md_519	Zeitung: Le Nouvelliste (Intervista)
md_520	Zeitung: Tribune de Genève (Intervista)
md_530	Zeitung: Il caffè della domenica (Intervista)
md_531	Zeitung: Corriere del Ticino (Intervista)
md_532	Zeitung: laRegion Ticino (Intervista)
md_533	Zeitung: Il Mattino della Domenica (Intervista)
md_534	Zeitung: Rivista di Lugano (Intervista)
md_535	Zeitung: Giornale del Popolo (Intervista)
md_550	TV-Sender: SRF 1 (Intervista)
md_551	TV-Sender: SRF 2 (Intervista)
md_552	TV-Sender: ARD (Intervista)
md_553	TV-Sender: RTL (Intervista)
md_554	TV-Sender: ZDF (Intervista)
md_555	TV-Sender: VOX (Intervista)
md_556	TV-Sender: ProSieben (Intervista)
md_557	TV-Sender: RTL II (Intervista)
md_558	TV-Sender: kabel eins (Intervista)
md_559	TV-Sender: Sat 1 (Intervista)
md_560	TV-Sender: 3+ (Intervista)
md_561	TV-Sender: SRF Info (Intervista)
md_562	TV-Sender: ORF eins (Intervista)
md_563	TV-Sender: ORF 2 (Intervista)

md_564	TV-Sender: SUPER RTL (Intervista)
md_565	TV-Sender: TeleZüri (Intervista)
md_566	TV-Sender: 3sat (Intervista)
md_575	TV-Sender: RTS Un (Intervista)
md_576	TV-Sender: TF1 CH (Intervista)
md_577	TV-Sender: M6 CH (Intervista)
md_578	TV-Sender: RTS Deux (Intervista)
md_579	TV-Sender: France 2 (Intervista)
md_580	TV-Sender: France 3 (Intervista)
md_581	TV-Sender: RTL9 CH (Intervista)
md_582	TV-Sender: Arte (Intervista)
md_583	TV-Sender: W9 CH (Intervista)
md_584	TV-Sender: TV5 Monde (Intervista)
md_585	TV-Sender: Rouge TV (Intervista)
md_590	TV-Sender: Italia 1 (Intervista)
md_591	TV-Sender: Rai2 (Intervista)
md_592	TV-Sender: Rai3 (Intervista)
md_593	TV-Sender: teleticino (Intervista)
md_594	TV-Sender: Videoitalia (Intervista)
md_595	TV-Sender: Rai1 (Intervista)
md_596	TV-Sender: Canale 5 (Intervista)
md_597	TV-Sender: RSI LA 2 (Intervista)
md_598	TV-Sender: RSI LA 1 (Intervista)
md_601	Bank: PostFinance / Die Post (Intervista)
md_602	Bank: Credit Suisse (Intervista)
md_603	Bank: UBS (Intervista)
md_604	Bank: Zürcher Kantonalbank (Intervista)
md_605	Bank: Banque Cantonale Vaudoise (Intervista)
md_606	Bank: Andere Kantonalbank (Intervista)
md_607	Bank: Raiffeisenbank (Intervista)
md_608	Bank: Valiant (Intervista)
md_609	Bank: Migros Bank (Intervista)
md_610	Bank: Bank Coop (Intervista)
md_611	Bank: Regionalbank (Intervista)
md_615	Bank: Andere Bank(en) (Intervista)
md_630	Insurance: Accident (Intervista)
md_631	Insurance: Auto (Intervista)
md_632	Insurance: Legal expenses (Intervista)
md_633	Insurance: Household (Intervista)
md_634	Insurance: Personal liability (Intervista)
md_635	Insurance: Building (Intervista)
md_637	Insurance: Life (Intervista)
md_638	Insurance: Disability (Intervista)
md_639	Insurance: 3a pillar (private pensions) (Intervista)
md_640	Insurance: Pet (Intervista)

md_650	Versicherungsanbieter: Zurich (Intervista)
md_651	Versicherungsanbieter: Swiss Life (Intervista)
md_652	Versicherungsanbieter: AXA Winterthur (Intervista)
md_653	Versicherungsanbieter: Basler Versicherungen / Bâloise (Intervista)
md_654	Versicherungsanbieter: Helvetia (Intervista)
md_655	Versicherungsanbieter: Allianz Suisse (Intervista)
md_656	Versicherungsanbieter: Die Mobiliar (Intervista)
md_657	Versicherungsanbieter: Generali (Intervista)
md_658	Versicherungsanbieter: Groupe Mutuel (Intervista)
md_659	Versicherungsanbieter: Vaudoise (Intervista)
md_680	Krankenversicherung (Grundversicherung) (Intervista)
md_700	Electricity bill in CHF/year (Intervista)
md_701	Eigene Photovoltaik-Anlage im HH (Intervista)
md_702	Eigene Wärmepumpe im HH (Intervista)
md_703	Elektroboiler im HH (Intervista)
md_704	Elektroheizung im HH (Intervista)
md_705	Ölheizung im HH (Intervista)
md_706	Gasheizung im HH (Intervista)
md_707	E-Bike im HH (Intervista)
md_708	Elektroauto im HH (Intervista)
md_709	Ökostrom - Nutzung letzte 12 Monate (Intervista)
md_710	Energieeffizienzberatung - Nutzung letzte 12 Monate (Intervista)
md_712	Energiesparportal - Nutzung letzte 12 Monate (Intervista)
md_870	Inaktiv: Freizeit: klassische Konzerte, Opern (Intervista)
md_871	Inaktiv: Freizeit: Kino (Intervista)
md_872	Inaktiv: Freizeit: Sportveranstaltungen (Intervista)
md_873	Inaktiv: Freizeit: Discos, Clubs (Intervista)
md_874	Inaktiv: Freizeit: Bars, Kneipen, Cafés (Intervista)
md_875	Inaktiv: Freizeit: Shopping, Schaufensterbummel (Intervista)
md_876	Inaktiv: Freizeit: Theater, Museen, Galerien (Intervista)
md_877	Inaktiv: Freizeit: Besuch von Pop-, Rockkonzerten (Intervista)
md_830	Inaktiv: Sport: Badminton (Intervista)
md_801	Inaktiv: Sport: Basketball, Streetball (Intervista)
md_802	Inaktiv: Sport: Eishockey (Intervista)
md_803	Inaktiv: Sport: Eislaufen (Intervista)
md_804	Inaktiv: Sport: Fitnesstraining (Intervista)
md_805	Inaktiv: Sport: Fussball (Intervista)
md_832	Inaktiv: Sport: Golf (Intervista)
md_806	Inaktiv: Sport: Handball (Intervista)
md_807	Inaktiv: Sport: Inline-Skating (Intervista)
md_808	Inaktiv: Sport: Jogging (Intervista)
md_809	Inaktiv: Sport: Kampfsportarten (Intervista)
md_810	Inaktiv: Sport: Kanu, Kajak (Intervista)
md_811	Inaktiv: Sport: Kegeln, Bowling (Intervista)
md_812	Inaktiv: Sport: Klettern, Bergsteigen (Intervista)

md_813	Inaktiv: SportInaktiv: Sport: Krafttraining, Bodybuilding (Intervista)
md_814	Inaktiv: Sport: Leichtathletik (Intervista)
md_831	Inaktiv: Sport: Radfahren, Mountainbike (Intervista)
md_833	Inaktiv: Sport: Reiten (Intervista)
md_815	Inaktiv: Sport: Rudern (Intervista)
md_816	Inaktiv: Sport: Schiessen (Intervista)
md_817	Inaktiv: Sport: Schneesport (Intervista)
md_818	Inaktiv: Sport: Schwimmen (Intervista)
md_819	Inaktiv: Sport: Segeln (Intervista)
md_820	Inaktiv: Sport: Squash (Intervista)
md_821	Inaktiv: Sport: Tanzen (Intervista)
md_822	Inaktiv: Sport: Tauchen (Intervista)
md_823	Inaktiv: Sport: Tennis (Intervista)
md_824	Inaktiv: Sport: Turnen, Gymnastik (Intervista)
md_825	Inaktiv: Sport: Unihockey, Feldhockey, Rollhockey (Intervista)
md_827	Inaktiv: Sport: Wandern, Walking, Bergwandern (Intervista)
md_828	Inaktiv: Sport: Windsurfen, Surfen, Kitesurfen (Intervista)
md_829	Inaktiv: Sport: Yoga, Tai Chi, Qi Gong o.ä. (Intervista)
md_826	Inaktiv: Sport: Volleyball, Beachvolleyball (Intervista)
md_850	Inaktiv: Hobby: Basteln, Heimwerken (Intervista)
md_851	Inaktiv: Hobby: Fotografieren, Videos aufnehmen (Intervista)
md_852	Inaktiv: Hobby: Handarbeiten (Intervista)
md_853	Inaktiv: Hobby: Karten- / Brettspiele (Intervista)
md_854	Inaktiv: Hobby: Kochen (Intervista)
md_855	Inaktiv: Hobby: Kosmetik/Styling (Intervista)
md_856	Inaktiv: Hobby: Musizieren (Intervista)
md_857	Inaktiv: Hobby: Pflanzen, Gartenarbeit (Intervista)
md_858	Inaktiv: Hobby: Spaziergehen, Wandern, Ausflüge (Intervista)
md_859	Inaktiv: Hobby: Spiele mit Computer, Playstation, Smartphone. (Intervista)
md_860	Inaktiv: Hobby: Vereinsarbeit (Intervista)
md_861	Inaktiv: Hobby: Zeichnen, Malen (Intervista)
md_880	Parteipräferenz (Intervista)
md_901	Unternehmensgrösse (Intervista)
md_902	Verantwortlichkeit: Marketing (Intervista)
md_903	Verantwortlichkeit: IT (Intervista)
md_904	Verantwortlichkeit Versicherungen (Intervista)
md_905	Verantwortlichkeit: Personal (Intervista)
md_906	Verantwortlichkeit: Finanzen (Intervista)
md_907	Verantwortlichkeit techn. Leitung (Intervista)
md_908	Verantwortlichkeit: Vertrieb/ Sales (Intervista)
md_909	Verantwortlichkeit: Telekommunikation (Intervista)
md_910	Verantwortlichkeit: Logistik/ Post (Intervista)
md_920	Inhaber (Intervista)
md_921	Mitglied des Verwaltungsrats (Intervista)

md_922	Mitglied der Geschäftsleitung (Intervista)
md_923	Oberes Management (Intervista)
md_924	Mittleres Management (Intervista)
md_925	Abteilungs-/Teamleitung (Intervista)

Introduction (screen)

Intro

Displayed if **old = 0**.

Welcome to the Swiss Household Energy Demand Survey (SHEDS) 2020

The *Swiss Household Energy Demand Survey* (SHEDS) has been developed as part of the research agenda of the Competence Center for Research in Energy, Society, and Transition (SCCER CREST), to analyze Swiss households' energy consumption and energy-related behaviors. SHEDS is carried out annually since 2016 on a sample of 5,000 respondents representative of the Swiss population (excluding Ticino).

Now that the restrictions to Covid-19 are steadily being lifted, we would like you to answer the questions in this survey thinking about what you would "normally" do, unless we ask you specifically to think about how it is now.

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 highly appreciated.

intro_old

Displayed if **old ≠ 0**.

Welcome to the Swiss Household Energy Demand Survey (SHEDS) 2020

The *Swiss Household Energy Demand Survey* (SHEDS) has been developed as part of the research agenda of the Competence Center for Research in Energy, Society, and Transition (SCCER CREST), to analyze Swiss households' energy consumption and energy-related behaviors. SHEDS is carried out annually since 2016 on a sample of 5,000 respondents representative of the Swiss population (excluding Ticino).

Our records indicate that you have already participated in this survey in the past. Some questions are intentionally repeated. Please answer all questions as accurately and truthfully as possible, thinking about your current situation.

Now that the restrictions to Covid-19 are steadily being lifted, we would like you to answer the questions in this survey thinking about what you would "normally" do, unless we ask you specifically to think about how it is now.

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 highly appreciated.

screen

Displayed if **old = 0**.

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 (elec)

elec_intro

Electricity

The next part of the survey is related to your *electricity consumption*.

elec1

Which devices do you have in your accommodation for your private use?

Disregard public facilities of your building.

For each device 0 = no, 1 = yes.

- Fridge [_1]
- Freezer (separated from fridge) [_2]
- Microwave oven [_3]
- Oven [_28]
- 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 router [_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)
Fridge(s) [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Freezer(s) (separated from fridge) [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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"/>
Oven [_28]	<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 the relevant choices (i.e., those ticked in **elec1**) are displayed to the respondent.

Device numbers in line with **elec1**.

the oven: [_28] _____

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 the 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

Displayed if **every_2nd_year = 1**.

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"/>

Inconsistent answers are ruled out:

- If “Only” is ticked for one bulb category, “None” must be ticked for the other two categories;
- If “Some” is ticked, it must be the case for at least two categories.

elec14a

Question introduced in SHEDS 2018. Displayed if **every_2nd_year = 1**.

Is your accommodation equipped with a smart meter that records electricity consumption?

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

elec14b

Question introduced in SHEDS 2018. Displayed if **elec14a = 1**.

Please state the year when the smart meter was installed.

- Year: _____ (yyyy) accepted range: 2000-2020
- I do not know (-1)

elec14c

Question introduced in SHEDS 2018. Displayed if **elec14a = 1**.

Approximately how often do you check the smart meter?

- Every day or almost (1)
- 2-3 times a week (2)
- Once a week (3)
- 2-3 times a month (4)
- Once a month (5)
- Once every 2-3 months (6)
- Less frequently (7)

elec14e

Question introduced in SHEDS 2019. Displayed if **elec14a = 1**.

How visible is the smart meter in your home?

By "visible" we mean that it can be spotted even if you are not actively looking for it.

- Not visible 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- Very visible 5 (5)

elec14d

Question introduced in SHEDS 2018. Displayed if **elec14a = 1**.

Please indicate if any changes occurred in your behavior after the smart meter was installed.

- No change [_1] (this answer is exclusive)
- Changes in the way electrical appliances are used [_2]
- Changes in the type of electrical appliances purchased [_3]
- Changes made to the lighting in the house [_4]
- Other: [_5] _____ (text in **elec14d_5_other**)

elec15

Question introduced in SHEDS 2018.

Does the price of your electricity vary according to the period of the day/night?

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

intro_bill

The next questions are related to **your electricity consumption and expenses**. It is extremely important for us to have **accurate numbers** in this area. Therefore, if possible, could you please find **your last annual electricity bill** before moving forward?

Thank you very much.

elec7

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

Please note: It would really help if you could provide the amount stated on your last electricity bill.

Amount (CHF): [_1] _____ accepted range: 0-9999.99 (at most four digits + two decimals)

Source: [_2]

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

elec8

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

Please note: It would really help if you could provide the exact amount stated on your last electricity bill.

Amount (kWh): [_1] _____ accepted range: 0-99999.99 (at most five digits + two decimals)

Source: [_2]

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

elec9

Displayed if **elec7_2 = 1**.

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: (1) _____ accepted range: 0-99.99 (at most two digits + two decimals)

elec10a

Does your electricity mix contain a significant share (over 50%) of renewable energy?

Renewable energy is energy that is produced from renewable technologies, such as hydropower, solar power, wind energy, or geothermal energy.

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

elec10b

Displayed if the **elec10a = 1**.

Does your electricity mix contain...

Multiple answers possible.

- Hydropower [_1]
- New renewables (solar, wind, biomass, ...) [_2]
- Other (please specify): [_3] _____ (text in **elec10b_3_other**)
- I do not know [_4] (this answer is exclusive)

elec10c

Did you change the standard electricity mix offered by your provider?

- Yes, for one more expensive (1)
- Yes, for one less expensive (2)
- No (0)
- I do not know (-1)

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)	Never (4) (item introduced in SHEDS 2018)
TV [_12]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TV box [_13]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Coffee machine [_5]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computer [_16_17]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internet router [_15]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Smartphone [_19]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Accommodation (accom + renov)

accom_intro

Accommodation

The next part of the survey is related to the *accommodation* in which you currently live.

accom_change

Displayed if **old** \neq 0.

Within the last **time_since_last_wave** (since April **last_wave_answered**), has your living situation changed, i.e., have you moved or bought the accommodation you live in?

- Yes (1)
- No (0)

accom1

Regarding your accommodation, you are...

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

accom19a

Question introduced in SHEDS 2020.

Displayed only if **accom1** = 2 or 3.

Can you please indicate the amount of your monthly rent (including charges)?

CHF/month: _____ accepted range: 0-10000 (at most 2 decimals).

accom19b

Question introduced in SHEDS 2020.

Displayed only if **accom1** = 1.

Can you please indicate the monthly amount you pay for your mortgage?

CHF/month: _____ accepted range: 0-10000 (at most 2 decimals).

accom1a

Question introduced in SHEDS 2018.

Displayed if **accom1** = 2 and if **accom_change** \neq 0.

Your landlord is:

- a private person (1)
- a private company (insurance, pension fund, real estate firm, construction firm, Swisscom, SBB/CFF, ...) (2)
- a public institution (city, canton, ...) (3)
- Other/I do not know (-1)

accom2aDisplayed if **accom_change** ≠ 0.

What type is your accommodation?

- 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)
- Detached house (5) **Item introduced in SHEDS 2017**
- Semi-detached house (6) **Item introduced in SHEDS 2017**
- Terraced house (7) **Item introduced in SHEDS 2017**

accom5Displayed if **accom_change** ≠ 0.

What size is the living area in your accommodation?

m²: _____ **accepted range: 0-999 (at most 3 digits, no decimals).****accom2b**Displayed if **accom2a** = 2, 3, 4 and if **accom_change** ≠ 0.

How many floors are there in your building?

*(Only integers, no decimals)*_____ **accepted range: 1-40 (no decimals).****accom2c**Displayed if **accom2a** = 5, 6, 7 and if **accom_change** ≠ 0.

How many floors are there in your house?

*(Only integers, no decimals)*_____ **accepted range: 1-9 (no decimals).****accom6**Displayed if **accom_change** ≠ 0.

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"/>
Garages [_4] (Item introduced in SHEDS 2019)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other spaces (e.g., cellar, winter garden) [_5] (Item introduced in SHEDS 2019)	<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] (this answer is exclusive)
- I do not know [_5] (this answer is exclusive)

accom2d

Displayed if **accom_change** ≠ 0.

Change in SHEDS 2018: this question is asked to all (rather than to those who live in houses only).

What is the type of roof on your home or the house you live in?

- Flat roof (1)
- Gabled roof (2)
- I do not know (-1) (item introduced in SHEDS 2018)

accom2e

Question introduced in SHEDS 2018, and reformulated (notes added) in SHEDS 2019.

What is the type of façade of your home?

Notes:

- *A compact façade is generally speaking a façade with a plain brick or concrete wall with an external rendering and insulation.*
 - *A ventilated façade is a light façade composed of a wall made of claddings in metals or wood filled with the insulation material.*
- Not thermally insulated (only external painting/rendering) (3) (item introduced in SHEDS 2019)
 - Compact (1)
 - Ventilated (2)
 - I do not know (-1) (item introduced in SHEDS 2018)

accom3

Displayed if **accom_change** ≠ 0.

Since when do you live in your current accommodation?

Year of entry: _____ accepted range: 1920-2020

accom4a1

Displayed if **accom_change** \neq 0 until 23.05.2020. Display logic then removed (and therefore question asked to all respondents) to avoid issues with comments displayed in renov1/2/3/4 (empty year).

Can you please tell us the year of construction of your building?

This value cannot be larger than the indicated year of entry in the accommodation (yyyy) (value from accom3).

- Year of construction: _____ (yyyy)
- I do not know (-1)

accom4a3

New in SHEDS 2020, but equivalent to **accom4a2**, except that year brackets were adapted. Displayed if **accom4a1** = -1.

Because the display logic of answer was based on accom3, which was not displayed to respondents with **accom_change** = 0, the answers are not valid for this group and therefore set to missing.

You said, you were not sure in which year your accommodation was constructed. Can you tell us an approximate time period?

Note that we have restricted the possible answers. Only years following the year of entry in your accommodation are displayed. As a reminder, you said that you moved into your current accommodation in yyyy (value from accom3). If this is not correct, please go back to that question and enter the right year.

- 2016-2020 (1)
- 2011-2015 (2)
- 2006-2010 (3)
- 2001-2005 (4)
- 1996-2000 (5)
- 1991-1995 (6)
- 1981-1990 (7)
- 1971-1980 (8)
- 1961-1970 (9)
- 1946-1960 (10)
- 1919-1945 (11)
- Before 1919 (12)
- I do not know (-1)

renov1

Question introduced in SHEDS 2020 as part of a new series of questions **renov...** that replaced the former series of questions **accom9...**

When was the following work carried out on the **windows** of your accommodation?

Multiple time periods can be selected.

*Note that we have restricted the possible answers. Only the years following the year of construction of your building are displayed. As a reminder, you said that your building was built in yyyy (value from **accom4a1** or **accom4a2**). If this is not correct, please go back to that question and enter the correct year.*

	There was no renovation since the construction [_0]	2016-2020 [_1]	2011-2015 [_2]	2006-2010 [_3]	2001-2005 [_4]	1996-2000 [_5]	1991-1995 [_6]	1981-1990 [_7]	Before 1981 [_8]	I do not know [_9]
	(this answer is exclusive)	Only relevant year ranges are displayed, i.e. those that span (at least partially) years after the year of construction indicated in accom4a1 or accom4a3								(this answer is exclusive)
Window replacement [_1]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance and repair of windows [_2]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify): [_3] (text in renov1_3_other)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Variable names: stub (**renov1**) + row number (**_1** to **_3**) + column number (**_0** to **_9**).

For each item, 0 = no, 1 = yes, -2 = does not apply (because question or item was not displayed).

renov2

Question introduced in SHEDS 2020 as part of a new series of questions **renov...** that replaced the former series of questions **accom9...**

When was the following work carried out on the **heating or warm water system** of your accommodation?

Several time periods can be selected.

*Note that we have restricted the possible answers. Only the years following the year of construction of your building are displayed. As a reminder, you said that your building was built in yyyy (value from **accom4a1** or **accom4a2**). If this is not correct, please go back to that question and enter the correct year.*

	There was no renovation since the construction [_0]	2016-2020 [_1]	2011-2015 [_2]	2006-2010 [_3]	2001-2005 [_4]	1996-2000 [_5]	1991-1995 [_6]	1981-1990 [_7]	Before 1981 [_8]	I do not know [_9]
	(this answer is exclusive)	Only relevant year ranges are displayed, i.e. those that span (at least partially) years after the year of construction indicated in accom4a1 or accom4a3								(this answer is exclusive)
Replacement of the burner [_1]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Renewal without changing the energy source (e.g. furnace replacement, boiler replacement) [_2]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Complement with renewable energy [_3]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Complete or partial replacement of heating and/or warm water including change of energy source [_4]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify): [_5] (text in renov2_5_other)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Variable names: stub (**renov2**) + row number (_1 to _5) + column number (_0 to _9).

For each item, 0 = no, 1 = yes, -2 = does not apply (because question or item was not displayed).

renov2a

Displayed if at least one among **renov2_3_1**, ..., **renov2_3_8** is ticked.

Question introduced in SHEDS 2020 as part of a new series of questions **renov...** that replaced the former series of questions **accom9...**

You stated that the heating/warm water treatment was supplemented with renewable energy. Which additional system has been installed for heating/domestic warm water production?

Multiple answers possible.

	Thermal solar system [_1]	PV solar system [_2]	Wood heating [_3]	Heat pump [_4]	Electric [_5]	Cogeneration of heat and power [_6]	Other [_7]	None [_8] (this answer is exclusive)	I do not know [_9] (this answer is exclusive)
Heating (1) [_1]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warm water [_2]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Variable names: stub (**renov2a**) + row number (_1 to _2) + column number (_1 to _9).

For each item, 0 = no, 1 = yes, -2 = does not apply (because question or item was not displayed).

renov2b

Displayed if at least one among **renov2_4_1**, ..., **renov2_4_8** is ticked.

Question introduced in SHEDS 2020 as part of a new series of questions **renov...** that replaced the former series of questions **accom9...**

What was concerned with the replacement?

- Heating [_1]
- Warm water [_2]
- I do not know [_3] (this answer is exclusive)

For each item, 0 = no, 1 = yes, -2 = does not apply (because question was not displayed).

renov2c

Displayed if **renov2b_1** and/or **renov2b_2** is ticked.

Question introduced in SHEDS 2020 as part of a new series of questions **renov...** that replaced the former series of questions **accom9...**

What was energy source for ... **before the last change?**

	Oil (1)	Gas (2)	Electricity (3)	Wood (4)	Heat pump (5)	Solar (6)	District heating (7)	Other (8)	I do not know (9)
Heating (1) [_1] (displayed if renov2b_1 = 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] (displayed if renov2b_2 = 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"/>

renov3

Question introduced in SHEDS 2020 as part of a new series of questions **renov...** that replaced the former series of questions **accom9...**

When was the following work carried out on the **external walls** of your accommodation?
Multiple time periods can be selected.

*Note that we have restricted the possible answers. Only the years following the year of construction of your building are displayed. As a reminder, you said that your building was built in yyyy (value from **accom4a1** or **accom4a2**). If this is not correct, please go back to that question and enter the correct year.*

	There was no renovation since the construction [_0]	2016-2020 [_1]	2011-2015 [_2]	2006-2010 [_3]	2001-2005 [_4]	1996-2000 [_5]	1991-1995 [_6]	1981-1990 [_7]	Before 1981 [_8]	I do not know [_9]
	(this answer is exclusive)	Only relevant year ranges are displayed, i.e. those that span (at least partially) years after the year of construction indicated in accom4a1 or accom4a3								(this answer is exclusive)
Repair of the facade (plastering, cladding) [_1]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Repainting [_2]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(Increase of) thermal insulation [_3]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify): [_4] (text in renov3_4_other)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Variable names: stub (**renov3**) + row number (**_1** to **_4**) + column number (**_0** to **_9**).

For each item, 0 = no, 1 = yes, -2 = does not apply (because question or item was not displayed).

renov4

Question introduced in SHEDS 2020 as part of a new series of questions **renov...** that replaced the former series of questions **accom9...**

When was the following work carried out on the **roof** of your accommodation?

Multiple time periods can be selected.

*Note that we have restricted the possible answers. Only the years following the year of construction of your building are displayed. As a reminder, you said that your building was built in yyyy (value from **accom4a1** or **accom4a2**). If this is not correct, please go back to that question and enter the correct year.*

	There was no renovation since the construction [_0]	2016-2020 [_1]	2011-2015 [_2]	2006-2010 [_3]	2001-2005 [_4]	1996-2000 [_5]	1991-1995 [_6]	1981-1990 [_7]	Before 1981 [_8]	I do not know [_9]
	(this answer is exclusive)	Only relevant year ranges are displayed, i.e. those that span (at least partially) years after the year of construction indicated in accom4a1 or accom4a3								(this answer is exclusive)
Renovation (repair, sealing) [_1] (displayed if accom2d = 1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(Increase of) thermal insulation [_2] (displayed if accom2d = 1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
New covering [_3] (displayed if accom2d = 2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(Increase of) internal thermal insulation [_4] (displayed if accom2d = 2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(Increase of) external thermal insulation [_5] (displayed if accom2d = 2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify): [_6] (text in renov4_6_other)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Variable names: stub (**renov4**) + row number (_1 to _6) + column number (_0 to _9).

For each item, 0 = no, 1 = yes, -2 = does not apply (because question or item was not displayed).

renov5a

Displayed only if **accom1** = 1 and one renovation was indicated after 1996 by the respondent in **renov1**, **renov2**, **renov3**, or **renov4**.

Question introduced in SHEDS 2020 as part of a new series of questions **renov...** that replaced the former series of questions **accom9...**

You indicated that renovation work has been carried out after 1996 (or year of construction if more recent) on/in the following elements.

Please indicate 1-3 reasons in each case.

	Component is worn out / lifetime reached / structural damage / moisture [_1]	Property portfolio management / long-term planning [_2]	Aesthetics and/or increase in attractiveness (e.g. comfort, modernisation) [_3]	Tenants (complaints, fluctuations) [_4]	Environmental and/or noise protection/energy saving considerations [_5]	Rising costs (energy, CO ₂ tax) [_6]	Subsidies / grants [_7]	Other [_8]	I do not know [_9]
Windows [_1] (displayed if a renovation was indicated after 1996 in renov1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heating / Warm water [_2] (displayed if a renovation was indicated after 1996 in renov2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External walls [_3] (displayed if a renovation was indicated after 1996 in renov3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roof [_4] (displayed if a renovation was indicated after 1996 in renov4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Variable names: stub (**renov5a**) + row number (_1 to _4) + column number (_1 to _9).

For each item, 0 = no, 1 = yes, -2 = does not apply (because question or item was not displayed).

renov5b

Displayed only if **accom1** = 1 and no renovation was indicated after 1996 by the respondent in **renov1**, **renov2**, **renov3**, or **renov4**.

Question introduced in SHEDS 2020 as part of a new series of questions **renov...** that replaced the former series of questions **accom9....**

You indicated that **no renovation** work has been carried out on the following elements since 1996 (or year of construction if more recent).

Please indicate 1-3 reasons in each case.

	The element is not in need of renewal	Lack of investment resources	Renewal is planned in the near future	Demolition is planned	Sale / inheritance is planned	Rent increases required by renewal investments could not be implemented on the market	Other	I do not know
	[_1]	[_2]	[_3]	[_4]	[_5]	[_6]	[_7]	[_8]
Windows [_1] (displayed if no renovation was indicated after 1996 in renov1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heating / Warm water [_2] (displayed if no renovation was indicated after 1996 in renov2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External walls [_3] (displayed if no renovation was indicated after 1996 in renov3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roof [_4] (displayed if no renovation was indicated after 1996 in renov4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Variable names: stub (**renov5a**) + row number (_1 to _4) + column number (_1 to _9).

For each item, 0 = no, 1 = yes, -2 = does not apply (because question or item was not displayed).

renov5d

Displayed only if **accom1 = 1**.

Question introduced in SHEDS 2020 as part of a new series of questions **renov...** that replaced the former series of questions **accom9...**

In your opinion, what conditions should be in place, or what incentives should be created, to make renewal activities more attractive in the future?

Multiple answers possible.

- Better availability of information about the architectural and technical possibilities [**_1**]
- Possibility to deduct renewal investments from taxable income [**_2**]
- Increase in the proportion of investments that can be passed on [**_3**]
- Change in rental law [**_4**]
- Subsidies / grants [**_5**]
- Energy price increase [**_6**]
- Other (please specify): [**_7**] _____ (text in renov5d_7_other)

For each item, 0 = no, 1 = yes, -2 = does not apply (because question was not displayed).

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?

	Car (1)	Public transportation (2)	Motorbike (3)	E-bike (6) (item introduced in SHEDS 2018)	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"/>	<input type="radio"/>
Public transport stop [_2]	<input type="radio"/>	<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"/>	<input type="radio"/>
Daycare [_4]	<input type="radio"/>	<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"/>	<input type="radio"/>
School [_6]	<input type="radio"/>	<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"/>	<input type="radio"/>
Sports field [_8]	<input type="radio"/>	<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"/>

accom14Displayed if **accom13_1** = 1.

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

Days per week: _____ accepted range: 0-7 (max 1 decimal)

accom15Displayed if **accom13_2** = 1.

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

Weeks per year: _____ accepted range: 0-52 (max 1 decimal)

Heating (heat)

heat_intro

Heating

The next part of the survey is related to your *heating consumption*.

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"/>

heat2a

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.

	Do you have a secondary system for ... ? [1]			If yes, what energy source does it use? [2]								
	Yes (1)	No (0)	I do not know (-1)	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"/>	<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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Variable names: stub (**heat2a**) + column number (1 or 2) + row number (_1 or _2).

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)

heat5a

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

It is extremely important for us to have accurate numbers in this area. Therefore, if possible, please use your last annual heating and warm water bill(s) to answer this question.

	Amount [1] (CHF) Accepted range: 0-9999.99 (at most four digits + two decimals).	Source of the amount provided [2]	
		Bill (1)	Estimation (2)
Heating + warm water (if not separated on your bill) [_1]	_____	<input type="radio"/>	<input type="radio"/>
Heating (if separated) [_2]	_____	<input type="radio"/>	<input type="radio"/>
Warm water (if separated) [_3]	_____	<input type="radio"/>	<input type="radio"/>

Variable names: stub (**heat5a**) + column number (1 or 2) + row number (_1, _2 or _3).

heat5b

Displayed if **accom1** = 1, **accom2a** = 5, 6, 7, and **heat1_1** or **heat1_2** = 1.

How much heating oil did you consume over the last 12 months?

Please give an estimate if possible using your bills.

_____ liters accepted answer: > 0.

heat5c

Displayed if **accom1** = 1, **accom2a** = 5, 6, 7, and **heat1_1** or **heat1_2** = 2.

How much natural gas did you consume over the last 12 months?

Please give an estimate if possible using your bills.

_____ m³ accepted answer: > 0.

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?

	Amount Answer given using a slider ranging from 18.0 or less to 23.0	I do not know (-1)
°C	###.# 18.0 = 18 or less 23.0 = 23 or more	<input type="radio"/>

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**] accepted range: 0-99.

Baths: _____ [**_2**] accepted range: 0-99.

heat10

Displayed if **every_2nd_year = 1**.

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**)

PED (choice experiment 1)

This choice experiment is taken by respondents with **group_ce = 1**.

Data relative to choice experiment PED are in secondary databases SHEDS2020_PED. Link with main database through **id**.

ped_intro

Positive Energy Districts

The next part of the survey is related to your preferences for Positive Energy Districts (PEDs).

...

Rest of choice experiment in specific documentation SHEDS2020_PED.docx.

...

IST (choice experiment 2)

This choice experiment is taken by respondents with **group_ce = 2**.

Data relative to choice experiment IST are in secondary database SHEDS2020_IST. Link with main database through **id**.

ist_intro

Energy and non-energy related investments

In this section of the survey, we will focus on energy and non-energy related investment options. We will focus on the building you are currently living in.

We want to understand your perceptions of different investment choices. The information that we collect will be used to inform Swiss energy policymakers. Therefore, it is important that your answers reflect your specific situation and personal tastes.

In particular, some of the following questions will involve costs to your own household; please give careful consideration to how these costs would affect your financial budget.

...

Rest of choice experiment in specific documentation SHEDS2020_IST.docx.

...

Mobility (mob)

mob_intro

Mobility

The next part of the survey is related to your *mobility*.

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?

Please also count leased vehicles. (Note added in SHEDS 2019)

	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 **mob2_1** = 0, the respondent jumps to **mob11a**.

mob3_change

Displayed if **mob2_1** > 0 and **old** ≠ 0.

In the last **time_since_last_wave** (since April **last_wave_answered**), have you changed the car you use the most?

- Yes (1)
- No (0)

If **mob3_change** = 0, the respondent jumps to **mob7**.

mob3

Displayed if **mob2_1** > 0 and (**old** = 0 or **mob3_change** = 1).

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] (Asked in a separate question for technical reasons – see below)

Transmission: [_4]

- Manual (1)
- Automatic (2)

Number of doors: [_5]

mob3b

Displayed if **mob2_1** > 0 and (**old** = 0 or **mob3_change** = 1).

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

_____ (text variable)

mob3_3

Displayed if **mob2_1** > 0 and (**old** = 0 or **mob3_change** = 1).

Asked separately from **mob3**. Categories reformulated between 2018 and 2019 to collect more precise information on hybrid and electric vehicles.

Please indicate the fuel type of your car.

- Gasoline (1)
- Diesel (2)
- Hybrid gasoline (6)
- Hybrid diesel (7)
- Electric (8)
- Natural gas (3)
- Other (specify): (9) _____

mob4

Displayed if **mob2_1** > 0 and (**old** = 0 or **mob3_change** = 1).

When did you purchase the car?

Year [_1]: yyyy if ≥ 1990, before 1990 (1989), I do not know (-1)

Month [_2]: Jan (1), ..., Dec (12), I do not know (-1)

mob5

Displayed if **mob2_1** > 0 and (**old** = 0 or **mob3_change** = 1).

When was the car registered for the first time?

Year [_1]: yyyy if ≥ 1990, before 1990 (1989), I do not know (-1)

Month [_2]: Jan (1), ..., Dec (12), I do not know (-1)

mob15

Displayed if **mob2_1** > 0 and (**old** = 0 or **mob3_change** = 1).

How much did you spend for purchasing your car?

Give your best estimation. (Only integers, no decimals)

CHF _____ accepted range: 1-999999 (at most 6 digits, no decimals)

mob6

Displayed if **mob2_1** > 0 and (**old** = 0 or **mob3_change** = 1).

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

Give your best estimation. (Only integers, no decimals).

km: _____ accepted range: 1-999999 (at most 6 digits, no decimals)

mob7

Displayed if **mob2_1** > 0.

Currently, how many kilometers does the odometer read?

Give your best estimation. (Only integers, no decimals)

km: _____ accepted range: km at time of purchase (**mob6**)-999999 (at most 6 digits, no decimals)

mob7a

Displayed if **mob2_1** > 0.

Question rephrased in SHEDS 2019 by adding "using this car".

On average, how many kilometers do you drive per year using this car?

- Up to 5,000 (1)
- Up to 10,000 (2)
- Up to 15,000 (3)
- Up to 20,000 (4)
- Up to 25,000 (5)
- Up to 30,000 (6)
- Up to 35,000 (7)
- Up to 40,000 (8)
- Up to 45,000 (9)
- Up to 50,000 (10)
- More than 50,000 (11)
- I do not know (-1)

mob7b

Displayed if **mob2_1** > 0.

Question rephrased in SHEDS 2019 by adding "for this car".

In an average month, how much do you spend on fuel for this car?

Give your best estimation. (Only integers, no decimals)

CHF _____ accepted range: 1-9999 (at most 4 digits, no decimals)

mob7c

Displayed if **mob2_1** > 0.

How much was the price of fuel last time you filled up the gas tank?

Give your best estimation. (At most two decimals)

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

- CHF/L: [_1] _____ accepted range: 0.01-4.99 (at most 1 digit + 2 decimals)
- Other units (please specify the units): [_2] _____

mob9

Displayed if **mob2_1** > 0.

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

Give your best estimation. (At most one decimal)

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] _____ accepted range: 0.1-99.9 (at most 2 digits + 1 decimal)
- Other units (please specify the units): [_2] _____

mob10

Displayed if **mob2_1** > 0 and (**old** = 0 or **mob3_change** = 1).

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)

mob10a

Displayed if **mob2_1** > 0 and (**old** = 0 or **mob3_change** = 1).

How many grams of CO₂ emissions does your car generate per km?

Give your best estimation.

gCO₂/km: _____ accepted range: # ≥ 0.

mob10b

Displayed if **mob2_1** > 0.

Do you know how much you are paying as annual registration tax for your car?

- Yes: (1) CHF: _____ (amount in **mob10b_tax**, accepted range: # ≥ 0)
- No (0)

mob10d

Displayed if **mob2_1** > 0 and (**old** = 0 or **mob3_change** = 1).

At the time you bought your main car, did you know if in your canton the annual registration tax depended on the level of fuel efficiency and/or on CO₂ emissions of the cars?

- Yes, it depended on the fuel efficiency or on CO₂ emissions. (1)
- No, it did not depend on the fuel efficiency or on CO₂ emissions. (0)
- I do not know (-1)

mob2_e

Question introduced in SHEDS 2019.

Displayed if **mob2_1** ≥ 2 and **mob3_3** ≠ 8.

Is there an electric vehicle among the cars in your household?

- Yes (1)
- No (0)

If **mob2_e** = 0, the respondent jumps to **mob11a**.

mob3_e

Question introduced in SHEDS 2019.

Displayed if **mob2_e** = 1.

Please indicate the characteristics of your electric car.

If your electric 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)

Number of doors: [**_5**]

mob3b_e

Question introduced in SHEDS 2019.

Displayed if **mob2_e** = 1.

Enter here the characteristics of your electric car if they do not appear in the list above (= list proposed in **mob3_e**).

_____ (text variable)

mob4_e

Displayed if **mob2_e** = 1.

When did you purchase the electric car?

Year [**_1**]: yyyy if ≥ 1990, before 1990 (1989), I do not know (-1)

Month [**_2**]: Jan (1), ..., Dec (12), I do not know (-1)

mob5_e

Question introduced in SHEDS 2019.

Displayed if **mob2_e** = 1.

When was the electric car registered for the first time?

Year [**_1**]: yyyy if ≥ 1990 , before 1990 (1989), I do not know (-1)

Month [**_2**]: Jan (1), ..., Dec (12), I do not know (-1)

mob15_e

Question introduced in SHEDS 2019.

Displayed if **mob2_e** = 1.

How much did you spend for purchasing your electric car?

Give your best estimation. (Only integers, no decimals)

CHF _____ accepted range: 1-999999 (at most 6 digits, no decimals)

mob6_e

Question introduced in SHEDS 2019.

Displayed if **mob2_e** = 1.

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

Give your best estimation. (Only integers, no decimals).

km: _____ accepted range: 1-999999 (at most 6 digits, no decimals)

mob7_e

Question introduced in SHEDS 2019.

Displayed if **mob2_e** = 1.

Currently, how many kilometers does the odometer of the electric car read?

Give your best estimation. (Only integers, no decimals)

km: _____ accepted range: km at time of purchase (**mob6**)-999999 (at most 6 digits, no decimals)

mob7a_e

Question introduced in SHEDS 2019.

Displayed if **mob2_e** = 1.

On average, how many kilometers do you drive per year with the electric car?

- Up to 5,000 (1)
- Up to 10,000 (2)
- Up to 15,000 (3)
- Up to 20,000 (4)
- Up to 25,000 (5)
- Up to 30,000 (6)
- Up to 35,000 (7)
- Up to 40,000 (8)
- Up to 45,000 (9)
- Up to 50,000 (10)
- More than 50,000 (11)
- I do not know (-1)

mob7b_e

Question introduced in SHEDS 2019.

Displayed if **mob2_e** = 1.

In an average month, how much do you spend on electricity to recharge the electric car?

Give your best estimation. (Only integers, no decimals)

CHF _____ accepted range: 1-9999 (at most 4 digits, no decimals)

mob7c_e

Question introduced in SHEDS 2019.

Displayed if **mob2_e** = 1.

How much was the price of electricity last time you recharged the electric car out of your home?

Give your best estimation. (At most two decimals)

- CHF/kWh: _____ accepted range: 0.01-4.99 (at most 1 digit + 2 decimals)

mob9_e

Question introduced in SHEDS 2019.

Displayed if **mob2_e** = 1.

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

Give your best estimation. (At most one decimal)

- kWh/100km: _____ accepted range: 0.1-99.9 (at most 2 digits + 1 decimal)

mob10_e

Question introduced in SHEDS 2019.

Displayed if **mob2_e = 1**.

What is the energy label of the electric car?

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

mob10b_e

Question introduced in SHEDS 2019.

Displayed if **mob2_e = 1**.

Do you know how much you are paying as annual registration tax for the electric car?

- Yes: (1) CHF: _____ (amount in **mob10b_e_tax**, accepted range: # ≥ 0)
- No (0)

mob11a

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

- Private car (1) Displayed if **mob2_1 > 0**.
- Car sharing/Car pooling/Renting (2) Item reformulated (from "Car sharing") in SHEDS 2019
- Motorbike (7) Item introduced in SHEDS 2017
- Public transportation (3)
- Soft mobility (bike, foot, ...) (4)
- Other (specify): (5) _____ (text in **mob11a_other**)
- I work from home (8) Item introduced in SHEDS 2017
- I do not work (6)

mob17Displayed if **mob11a** = 1 or 7.

Number of items reduced in SHEDS 2019.

You said you mainly use a private car or motorbike **for going from home to work**.

Please rate how important the following aspects are for choosing this mode of transportation.

	Not important 1 (1)	2 (2)	3 (3)	4 (4)	Extremely important 5 (5)
Choosing the cheapest option [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am used to taking this means of transport [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travelling as safely as possible [_3]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travelling as fast as possible [_4]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Making use of travel time [_5]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I enjoy this way of travelling [_9]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other [specify]: [_16] _____ (text in mob17_16_other)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

mob18Displayed if **mob11a** = 3.

Number of items reduced in SHEDS 2019.

You said you mainly use public transportation **for going from home to work**.

Please rate how important the following aspects are for choosing this mode of transportation.

	Not important 1 (1)	2 (2)	3 (3)	4 (4)	Extremely important 5 (5)
Choosing the cheapest option [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am used to taking this means of transport [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travelling as safely as possible [_3]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travelling as fast as possible [_4]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Making use of travel time [_5]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I enjoy this way of travelling [_9]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other [specify]: [_14] _____ (text in mob18_14_other)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

mob19Displayed if **mob11a = 4**.

Number of items reduced in SHEDS 2019.

You said you mainly use soft mobility (e.g. bike, foot) **for going from home to work**.

Please rate how important the following aspects are for choosing this mode of transportation.

	Not important 1 (1)	2 (2)	3 (3)	4 (4)	Extremely important 5 (5)
Choosing the cheapest option [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am used to taking this means of transport [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travelling as safely as possible [_3]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travelling as fast as possible [_4]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Making use of travel time [_5]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I enjoy this way of travelling [_9]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other [specify]: [_17] _____ (text in mob19_17_other)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

mob12a

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

- Private car (1) Displayed if car>0 in **mob2**.
- Car sharing/Car pooling/Renting (2) Item reformulated (from "Car sharing") in SHEDS 2019
- Motorbike (7) Item introduced in SHEDS 2017
- Public transportation (3)
- Soft mobility (bike, foot, ...) (4)
- Other (specify): (5) _____ (text in **mob12a_other**)

mob20

Question introduced in SHEDS 2019.

Displayed if **mob12a** = 1 or 7.You said you mainly use a private car or motorbike **for leisure activities**.

Please rate how important the following aspects are for choosing this mode of transportation.

	Not important 1 (1)	2 (2)	3 (3)	4 (4)	Extremely important 5 (5)
Choosing the cheapest option [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am used to taking this means of transport [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travelling as safely as possible [_3]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travelling as fast as possible [_4]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Making use of travel time [_5]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I enjoy this way of travelling [_9]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other [specify]: [_16] _____ (text in mob17_16_other)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

mob21

Question introduced in SHEDS 2019.

Displayed if **mob12a** = 3.You said you mainly use public transportation **for leisure activities**.

Please rate how important the following aspects are for choosing this mode of transportation.

	Not important 1 (1)	2 (2)	3 (3)	4 (4)	Extremely important 5 (5)
Choosing the cheapest option [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am used to taking this means of transport [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travelling as safely as possible [_3]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travelling as fast as possible [_4]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Making use of travel time [_5]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I enjoy this way of travelling [_9]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other [specify]: [_14] _____ (text in mob18_14_other)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

mob22

Question introduced in SHEDS 2019.

Displayed if **mob12a** = 4.You said you mainly use soft mobility (e.g. bike, foot) **for leisure activities**.

Please rate how important the following aspects are for choosing this mode of transportation.

	Not important 1 (1)	2 (2)	3 (3)	4 (4)	Extremely important 5 (5)
Choosing the cheapest option [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am used to taking this means of transport [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travelling as safely as possible [_3]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travelling as fast as possible [_4]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Making use of travel time [_5]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I enjoy this way of travelling [_9]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other [specify]: [_17] _____ (text in mob19_17_other)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

mob23

When you answered the above questions about leisure, what activity did you actually think of?

For each option 0 = no, 1 = yes.

- Visiting friends or relatives [_1]
- Sport [_2]
- Culture (cinema, theatre, concert, ...) [_3]
- Going to a restaurant [_4]
- Shopping [_5]
- Other (specify): [_6] _____ (text in **mob23_6_other**)

mob16

Category "Cars" (1) separated into "ICEs" (5) and EVs (6) in SHEDS 2019.

Approximately how often do you rely on mobility sharing (through companies or through friends, family or others)?

	Never (1)	Every few months (2)	Once a month (3)	Once a week (4)	Several times a week (5)
Car (with traditional engine) [_5]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electric car [_6]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bike [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E-bike [_3]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cargo-bike [_4]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

mob16a

New question in SHEDS 2020.

Approximately how often do you rely on carpooling ...

	Never (1)	Every few months (2)	Once a month (3)	Once a week (4)	Several times a week (5)
... as a passenger through online platforms such as BlaBlaCar, Hitchhike, or Karzoo? [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... as a passenger with friends or relatives? [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... as a passenger with colleagues? [_3]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... as a driver through online platforms such as BlaBlaCar, Hitchhike, or Karzoo? [_4]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... as a driver with friends or relatives? [_5]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... as a driver with colleagues? [_6]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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"/>

mob14Displayed if **mob13_1** ≠ 0 or **mob13_2** ≠ 0.Set to 0 for respondents with **mob13_1** = 0 and **mob13_2** = 0.

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

CHF: _____

PPS (choice experiment 3)

This choice experiment is taken by respondents with **group_ce = 3**.

Data relative to choice experiment PPS are in secondary database SHEDS2020_PPS. Link with main database through **id**.

pps_intro

Mobility lifestyle decisions

In this part of the survey, we focus on your current mobility lifestyle. We will collect information on your current mobility and will ask you, whether you can imagine to switch to alternative options.

...

Rest of choice experiment in specific documentation SHEDS2020_PPS.docx.

...

Psychological attitudes (psy)

psy_intro

Attitudes and values

The next part of the survey is related to your *attitudes and values* towards environment.

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"/>

psy5a

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 behave in an environmentally friendly manner. [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I believe that most of my acquaintances behave in an environmentally friendly manner whenever 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 behave in an environmentally friendly manner. [_3]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel personally obliged to behave in an environmentally friendly manner as much as possible. [_4]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In the Swiss society, it is usually expected that one behaves in an environmentally friendly manner. [_5] (new item in SHEDS 2018)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

psy6Displayed if **old** = 0.

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"/>

psy10

Question introduced in SHEDS 2019.

The terms "left" and "right" are used to distinguish between political orientations.

Below you find a scale that goes from left (1) to right (8). When you think about your own political orientation, how would classify yourself on this scale?

- Left 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- 5 (5)
- 6 (6)
- 7 (7)
- Right 8 (8)

psy7Displayed if **old** = 0.

Financially, do you usually take risks?

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

psy8

In the next 12 months, are you planning on reducing your...

	Very unlikely 1 (1)	Unlikely 2 (2)	Neither likely nor unlikely 3 (3)	Likely 4 (4)	Very likely 5 (5)
electricity consumption [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
heating consumption [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
car usage [_3]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
number of airplane flights [_5] (new item in SHEDS 2020)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
carbon footprint [_4]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Habits and routines (soc)

soc4a

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)
When I am cold, turning up the heating is something...					
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"/>
When I am taking a shower, turning off the water while soaping up is something...					
(This block is only displayed if old = 0) 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"/>
Saving electricity (e.g., through switching off lights or stand-by mode) is something...					
I do automatically [_4a]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do without having to consciously remember [_4b]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do without thinking [_4c]	<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 [_4d]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

soc5Displayed if **old** = 0.

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"/>
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 performance (soc)

soc_intro

Social surroundings, preferences and experiences

The next part of the survey is related to your *social surroundings, preferences and experiences*.

soc1

Displayed if **every_2nd_year = 1**.

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

Displayed if **every_2nd_year = 1**.

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

Displayed if **every_2nd_year = 1**.

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

CHF: _____ accepted range: 0-9999 (at most 4 digits, no decimal)

Social context (soc)

soc6

Displayed if **old** = 0.

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

Displayed if **old** = 0.

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] (this answer is exclusive)

soc10

How important are the following to you?

	Not at all important (1)	Not important (2)	Indifferent (3)	Important (4)	Very important (5)
Good health [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Having and maintaining good relations [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Freedom and control over my life [_3]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Safety [_4]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Living according to my own identity [_5]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Having privacy [_6]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Having access to a clean natural environment [_7]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Having or being able to find a job [_8]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spending time outside work/housework to my satisfaction [_9]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Being comfortable [_10]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Being able to enjoy natural and cultural beauty [_11]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Having a varied life and pleasant experiences [_12]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Being appreciated and respected by others [_13]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Having nice possessions [_14]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

soc11

In general, how satisfied are you with your life?

0 means "not at all satisfied" and 10 "completely satisfied".

- Not at all satisfied 0 (0)
- 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- 5 (5)
- 6 (6)
- 7 (7)
- 8 (8)
- 9 (9)
- Completely satisfied 10 (10)
- I do not know (-1)

Energy literacy (enlit)

enlit_intro

Energy literacy

The next part of the survey is related to *energy literacy*.

enlit1

Displayed if **old** = 0.

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

Displayed if **old** = 0.

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

Displayed if **old** = 0.

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 (4)

enlit4a

Introduced in SHEDS 2018.

Displayed if **old** = 0.

Which of the following cars has higher energy cost per 100 km?

- A gasoline car that consumes 5 litres per 100 km (1)
- An electric car that consumes 20 kWh per 100 km (2)
- Both have about the same cost (3)
- I do not know (-1)

enlit5Displayed if **old** = 0.

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 ₂ 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"/>

enlit6Displayed if **old** = 0.

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"/>

enlit11

Introduced in SHEDS 2017.

Displayed if **old** = 0.

Imagine you have CHF 200 in a savings account and the interest rate is 10% per year. How much will there be in this account in 2 years from now?

- 220
- 240
- 242
- 260

enlit12

Introduced in SHEDS 2017.

Displayed if **old** = 0.

Imagine that the interest rate on your savings account is 1% per year and inflation is 2% per year. After 1 year, would you be able to buy...

- More than today with the money in this account (1)
- Exactly the same as today with the money in this account (2)
- Less than today with the money in this account (3)

enlit13

Displayed if **old** = 0.

Since 2008, heating oil and natural gas are subject to CO₂ tax, currently about 25 CHF per 100 liters (oil) or 100 kg (gas). Most of the revenues are redistributed to the Swiss population on their individual health insurance bills. All households benefit from the proceeds of the CO₂ tax paid by oil/gas consumers. Please give us your best estimate of your household's cost and benefit of CO₂ tax in 2020.

Over the year, each person in your household will...

	CHF 0 (1)	CHF 20 (2)	CHF 40 (3)	CHF 60 (4)	CHF 80 (5)	CHF 100 (6)	More than CHF 100 (7)
... receive about: [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
... pay about: [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

enlit14

Displayed if **old** = 0.

Which of the following options describes your household's overall position with respect to CO₂ taxes?

(Multiple answers possible)

For each option 0 = no, 1 = yes.

- Monetary benefit thanks to our heating system and/or building insulation [_1]
- Monetary benefit thanks to attention to our everyday energy consumption [_2]
- Monetary loss because our building is relatively old or inefficient [_3]
- Monetary loss because of our household special needs for heating [_4]
- Negligible monetary loss/benefit [_5]
- Other (please specify): [_6] _____ (text in **enlit14_6_other**)

COVID19 (covid)

covid_intro

Changes related to the Covid-19 crisis

The next two questions are about the changes related to the *Covid-19 crisis*.

covid1

New in SHEDS 2020.

Compared to before, how have the restrictions related to Covid-19 changed your behaviour.

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

	Totally disagree (1)	2 (2)	3 (3)	4 (4)	Totally agree (5)
I am spending more time outside [_1]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am eating healthier, meaning more fruit and vegetables [_2]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have rediscovered old hobbies or taken up new hobbies [_3]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am discovering local parks or nature trails [_4]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am buying food with more packaging [_5]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am taking the car more for short distances [_6]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am taking the bike or walking more for short distances [_7]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am taking less public transport [_8]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am watching more TV or using entertainment equipment (e.g. video games) more [_9]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am doing more online shopping [_10]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am working more from home [_11]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

covid2

New in SHEDS 2020.

Displayed only if at least one item in **covid1** was ticked 4 or 5.

Which new or rediscovered activities are you planning on keeping up after the Covid-19 restrictions have been lifted?

For each item 0 = no, 1 = yes, -2 = dna.

- Spend more time outside [**_1**] (displayed only if **covid1_1** \geq 4)
- Eat healthier [**_2**] (displayed only if **covid1_2** \geq 4)
- Old or new hobbies [**_3**] (displayed only if **covid1_3** \geq 4)
- Discover local parks or nature trails [**_4**] (displayed only if **covid1_4** \geq 4)
- Buy food with more packaging [**_5**] (displayed only if **covid1_5** \geq 4)
- Take the car for short distances [**_6**] (displayed only if **covid1_6** \geq 4)
- Take the bike or walk for short distances [**_7**] (displayed only if **covid1_7** \geq 4)
- Take less public transport [**_8**] (displayed only if **covid1_8** \geq 4)
- Watch more TV or use more entertainment equipment (e.g. video games) [**_9**] (displayed only if **covid1_9** \geq 4)
- Do more online shopping [**_10**] (displayed only if **covid1_10** = 4; by mistake; the condition should have been **covid1_10** \geq 4)
- Work more from home [**_11**] (displayed only if **covid1_11** = 4; by mistake; the condition should have been **covid1_11** \geq 4)
- None of the above [**_12**] (This answer is exclusive)

Socio-economics (seco)

seco_intro

Personal and household characteristics

The next part of the survey is related to your *personal and household characteristics*.

seco1a

New version introduced in SHEDS 2018: detailed age structure.

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											
< 6 years old [_1f]	<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"/>
6-17 years old [_2f]	<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"/>
18-65 years old [_3f]	<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"/>
> 65 years old [_4f]	<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											
< 6 years old [_1m]	<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"/>
6-17 years old [_2m]	<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"/>
18-65 years old [_3m]	<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"/>
> 65 years old [_4m]	<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

Displayed if 2 persons or more indicated in **seco1a**.

Which of the following best describes your household type?

- Single person household (0) (not displayed, but deducted from **seco1a**)
- Couple without children (1)
- Couple with children (2)
- Single parent with one or more children (3)
- Patchwork family (4)
- Non-family shared household (5)

seco2

How many persons of your household are working for pay?

The total should not be larger than the total of adults in the household as indicated above. Also note that we have restricted the possible answers according to your answers about the number of persons in the 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)
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"/>

seco4

Displayed if at least 1 person is indicated as working for pay in **seco2** and if **mob11a** ≠ 6.

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)
- 3,000-4,499 (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)

Conclusion (end)

End

Thank you very much

You have now reached the end of the survey.

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 for confidentiality reasons)