

Household Energy Audit 2016/17

DIY Survey of Your Everyday Energy Use Habits and Existing Conditions

Name of your EnergyNeighbourhood:		
Name of family/household:		
Date of the energy audit:		
Number of family/household members:	Adults:	Children:
Total area of your home (m²):		
Type of your home (e.g. detached or semi-detached house, flat in block apartment etc.):		
Age of your home (when was it built? or how old is it now?):		
Do you have an energy performance certificate for your home?	Y - N	
If yes, which energy band are you in?		

1. General description of your home

What is the orientation of the house/apartment?	
Other comments, things that make energy saving easier (e.g. shadows from deciduous trees in the summer, winter garden, glazed terrace, etc.) or more difficult	

2. Heating

What do you heat your home with? Mark the relevant answer with an X!	What kind of heating equipment do you use? (e.g. condensing boiler, co-fired boiler, tiled stove, etc.)	
Gas		
Electricity		
Wood		
District heating		
Other (please specify)		

How old is your heating system, or when was it last refurbished?	
Can you regulate the temperature in your home?	Y – N
If yes, what temperature is the heating set at?	
Do you turn down the heating for the night or when you are not at home?	Y - N – We cannot
Do you also heat unused rooms or only the ones in use?	Y – N
Are the heating pipes insulated in cold/cool spaces?	Y – N – Not relevant
Do you regularly (minimum once a year) do maintenance, check the condition of the heating system (settings, venting, etc.)?	Y – N
Do you keep the radiators, convectors, other appliances and the chimneys clean? (e.g. are they dusty?)	Y – N
Do you turn down the heating when you air the rooms?	Y – N – Not always
When you open the windows in the winter do you rather do shorter, but more regular airing?	Y – N – Not always
Other comments, information about your heating system:	

3. Cooling




Do you have an air conditioner or any other cooling system?	Y – N
What do you do when you feel hot at home in the summer?	
We open the window for the night, we lower the blinds.	Y – N
We turn on the air conditioner.	Y – N
Other (please specify)	

4. Insulation




Do you have insulation...	If yes, how thick is it? (in cm)	
...on the walls?	Y – N	
...on the roof?	Y – N	
...on the ceiling?	Y – N	
...under the floor?	Y - N	
Other comments on your insulation:		
Do doors and windows close properly?	Y – N	
Do you have double or triple pane windows?	Y – N	
If doors and windows are not insulated or do not close properly, do you use any DIY ideas to insulate them? (e.g. you put draft stoppers in the window)	Y – N	
What kind of ideas work for you?		

On your windows do you have:	
thick curtains?	Y – N
shutters?	Y – N
Venetian blinds?	Y – N
jalousies?	Y – N

5. Hot water	
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What do you use to make hot water?	
Gas	Y – N
Electricity	Y – N
Solar collector	Y – N
Other (please specify)	
To what temperature do you set your boiler or water heater?	
Do you do regular maintenance? (e.g. descaling)	
Do you usually take a bath or a shower in your household? (Please think of all members of your family.)	
How long do you shower in general? (minutes)	Do you close the tap while you use the soap?
	Y – N – Not always
Do you collect bathwater and use it for other purposes?	
Y – N – Not always	
If yes, for what purposes?	
Washing the floor	Y – N
Pre-soaking and/or washing clothes	Y – N
Flushing the toilet	Y – N
Other (please specify)	

6. Washing and drying	
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What is the energy rating of your washing machine?	
How many times do you wash in a week?	What temperature(s) do you choose to wash your laundry at?
Do you usually use full loads?	Y – N – Not always
Do you have a clothes dryer?	Y – N – We have a washer/dryer combo
If yes, do you always use it?	Y – Only if it is necessary

7. Dishwashing




How do you wash your dishes?		By hand – In a dishwasher	
If you wash by hand:		If you use a dishwasher:	
In running water?	Y – N	Do you usually use full loads?	Y – N
In a sink full of water or using bowls ?	Y – N	Do you use an energy saving programme?	Y – N

8. Lighting¹



First, guess... ...how many light bulbs you have!		Now count... ...the light bulbs:	
How many of them are energy efficient?			
And of these how many are LED?			
Do you have local lighting?		in the kitchen:	Y – N
		in the living room:	Y – N
		in the study:	Y – N
		in the bedroom:	Y – N

9. Electrical appliances



First, guess... ...what temperature your refrigerator is set at!		Now, check the temperature... In the refrigerator:	
...and the freezer?		and the freezer:	
What is the energy rating of your fridge?		And the freezer?	
First, guess... ...how many electrical appliances and machines you have at home (excluding lamps/lighting):		Now count... ...how many electrical appliances you really have:	
Do you have any appliances that you never or almost never use?			Y - N
If yes, which are these? Please list them:			
Are there any electrical appliances that could easily be substituted with a non-electric option? (e.g. bread cutter)			Y - N
If yes, which are these? Please list them:			
Do you have a personal computer (PC)?			Y - N
And a laptop?			Y - N
Do you use a printer at home?			Y - N
If yes, what type? Put an X next to the printer you have:	Inkjet		Laser

¹ Questions with blue background could be answered by children – in case there are children in your household and you decide to involve them. We have a separate audit developed for them. Please write to us to ask for it or visit our website.

Do you have a television?								Y - N
If yes, what type and how many of them? Please fill in the types and numbers:								
CRT		plasma		LCD		LED		
Energy saving habits:								
Do you regularly clean the condenser coils on the back of the refrigerator?								Y - N
Do you regularly defrost the refrigerator/freezer?								Y - N
Do you completely turn off/unplug the TV and the set-top box for the night and when you are not at home?								Y - N
Do you completely turn off and unplug the computer, monitor and printer for the night and when you are not at home?								Y - N
When you buy a new household appliance, do you choose an energy efficient machine (A, A+, A++ energy grades)?								Y - N - Not always
Our mobile phone chargers are...								
...always plugged in, so we can use them any time.								Y - N
...usually unplugged, but sometimes we forget about them.								Y - N
...always unplugged when they are not in use.								Y - N

10. Renewable energy



Do you use any kind of renewable energy source?		Y - N
If yes, what kind? Please put a tick by the ones you use:		For what purpose do you use it? (e.g. heating, hot water)
Wood	<input type="checkbox"/>	
Solar energy	<input type="checkbox"/>	
Wind energy	<input type="checkbox"/>	
Geothermal energy (thermal water or geothermal heat)	<input type="checkbox"/>	
Other (please specify)	<input type="checkbox"/>	

11. Other green and energy saving habits



Please list all your green and energy saving habits that you consider important:

Evaluation of the Energy Audit: Summary of Findings

We are DOING WELL in energy saving: these are our favourable conditions and our already existing energy saving habits and practices:

1.
2.
3.
4.
5.

We STILL HAVE TO IMPROVE our energy saving, because we have some unfavourable conditions and wasteful energy consumption habits and practices:

1.
2.
3.
4.
5.

**OUR COMMITMENTS
FOR THE ENERGYNEIGHBOURHOODS ENERGY SAVING COMPETITION**

**We make the following commitments for the next 4 months, until the end of the EnergyNeighbourhoods competition (30 April 2017):
(please list minimum of 3 commitments)**

1.
2.
3.
4.
5.

If the content of the energy audit does not make it clear, please, explain briefly why you made the above mentioned commitments.

Feedback about the Commitments at the End of the Competition

I. About each of their Commitments participants are invited to reply to the following questions:

1. Did you manage to fulfil your commitment and make the necessary change?
 yes no

2. If no, what do you think the reason was? You can select more than one reason from the list.
 - we did not manage to pay attention to making this change
 - we discovered that after all this was not a good commitment for our household
 - I fulfilled the commitment, but the other members of my household did not
 - other, please explain:

II. Then, participants are asked whether they made any extra commitments or resolved to change some of their practices during the 4 months of the competition, and what these commitments and changes were.

III. Participants are then asked:

Are you planning to continue your energy saving activities and go on with greening your lifestyles after the competition?

- Yes.
- Yes, and we have already made some plans for changes.
- Yes, but in a more relaxed way.
- No.

IV. Finally, participants are asked:

Have you learnt or discovered anything unexpected during the competition?

- Yes. (Please explain what you have learnt or discovered.)
- Not really.