

#3 NATCONSUMERS /

pieces of information of the smart energy meter

factor: energy provider / renewable energy

piece of information: ...the data analysis of your smart meter shows that you are at the same energy provider for a long time, have you thought about changing it, do you want to receive an overview? Some energy providers renewable energy, it can be interesting to take a look at it.

Factor: habit

piece of information: ...the data analysis of your smart meter shows that in this household some people use a lot more water to wash themselves than others. It's better to take a quick shower than taking a bath. You use only 40 liter of water for a shower compared to 100,130 liter for a bath

Factor: Habit / weather

piece of information: ...The data analysis of the smart meter shows that you are using your tumble dryer at the moment that the weather was dry and warm. A tumble dryer uses a lot of energy, namely 2/3 times more than a washing machine, so next time try to dry your laundry outside or at a well ventilated place.

factor: habits / social comparison

piece of information: ...the data analysis of your smart meter shows that the difference of energy consumption of your heating between day and night is much less important than the average of your neighbours...

factor: performance of domestic appliances / social comparison

piece of information: ...the data analysis of your smart meter shows that your fridge tends to consume 40% more energy than the average of peer households...

factor: habit

piece of information: ...the data analysis of your smart meter shows that your heating is on 24/7, but do you know that it is very important that the air is regularly refreshed in your home? It's best to everyday open the windows in every room to refresh the air, but then not forget to turn off the heat when you open the window!

Factor: Habit

piece of information: ...The data analysis of the smart meter shows you freezer was opened and a few minutes later you use the microwave to heat something. Try to take out your products out of the freezer a few hours before the preparation. This way they can defrost on a natural way and they need less energy to be heated up. (this one is not 100% sure the two facts of the smart meter are related)

Factor: habit/ social comparison

piece of information: ...The data analysis of your smart meter shows that your washing machine takes 20% longer than the average household, washing intervals that last longer or are on high temperature, often have little sense. If your machine has the possibility, it is best to use the "Eco" program or programs with a lower temperature.

Factor: infrastructure

piece of information: ...the data analysis of your smart meter shows your lightning uses a lot of energy, have you thought to invest in energy saving light bulbs?

Factor: habit / infrastructure

piece of information: ...the data analysis of your smart meter shows you are using you oven a lot, did you know that a microwave uses 50% less energy than an conventional oven.

Factor: habit

piece of information: ...the data analysis of your smart meter shows that it has bin a long time since you defrosted your freezer, you should do this regularly, two millimeter ice increases electricity consumption with a whopping 10%.

Factor: infrastructure

piece of information: ...the data analysis of your smart meter shows that you are not using the sun to heat your water. solar receptors on the roof can take the sunlight and transfer it to a water reservoir. If this water isn't warm enough, the traditional water heating system automatically compensate these additional degrees. This technology has already proven its worth all over Europe. Even in Brussels this makes it possible that more than 50% of the water of households is heated for free.

Factor: habit / price

piece of information: ...the data analysis of your smart meter shows you open a lot your fridge, peeking into the refrigerator can cost you 25 - 51 euro a year

Factor: involving / social comparison

piece of information: ...the data analysis of your smart meter shows that your household uses a lot more energy than that of your neighbours household, the neighbour can help you to work on that together.

factor: performance of domestic appliances / social comparison

piece of information: ...the data analysis of your smart meter shows that your fridge tends to consume 40% more energy than the average of peer households...

factor: load shifting / price of energy

piece of information: ...the data analysis of your smart meter shows that your washing machine would cost you less if you start it after 22:00 at night...

factor: comfort level / price of energy

piece of information: ...the data analysis of your smart meter shows that you heat your rooms on 22°. A healthy comfortable ambient temperature is 19° till 20°. The temperature in you house or workspace lowering with 1 degree, will reduce your energy bill bij 6-7%. If you go from 22° to 19°C, it will be even 20%.

factor: lifestyle

piece of information: ...the data analysis of you smart meter shows that the past 10 days their was no one at home (no appliances/hot water/... were used), but the heating was still on. Try the next time when you are out of the house for more of 7 days to turn of the boiler completely

Factor: habit / social comparison

piece of information: ...the data analysis of your smart meter shows that you heat all your rooms, ...% of your friends only heat the rooms that they use frequently.

Factor: habit

piece of information: ...the data analysis of your smart meter shows some places in the house were devices (i.e. television, dvd player, decoder, hifi,...) are in standby mode. Is it possible for you to switch them off completely? Maybe you can use a multiple socket so you can switch of a few devices at the same time.