

Case question	Using data from cheap monitoring technology, how can we encourage people to change their energy consumption habits?
Background	<p>Our cities are becoming increasingly densely populated. This puts huge pressure on the energy infrastructure, since we tend to shower, turn on appliances etc at the same time. This will eventually require the replacement of the underground heat pipes etc. Causing roadworks, leading to traffic problems.</p> <p>If people can be persuaded to change their habits, it may be many years before pipes etc need to be upgraded.</p> <p>The existing energy infrastructure simply cannot live up to the demands of even more people all eg showering and flushing toilets at the same time every morning.</p>
Data (format, access etc)	<p>There is access to remote-heating data from Aarhus municipality via varmeplanaarhus.dk</p> <p>In addition, AVA will install sensors in 10 households for a week or two up to the Open Energy Days weekend. The sensors will collect data with seconds values - and will continue to collect data during the event weekend. They already have data in seconds values from 1 household from 15 October 2015, which will also be available.</p>
Other material	<p>AVA will set up a board demonstrating the monitoring technologies with various information, as inspiration for the groups.</p> <p>AVA has offered to come Saturday and help groups with monitoring technology issues.</p> <p>The case can be worked on / solved without focusing on monitoring technologies, instead exclusively focusing on the existing data. However, it is possible for the groups to work with monitoring technology.</p>
Case maker	AffaldVarme (WasteHeating), Aarhus Municipality