

February - Energy Efficiency

High Tech - Case Study



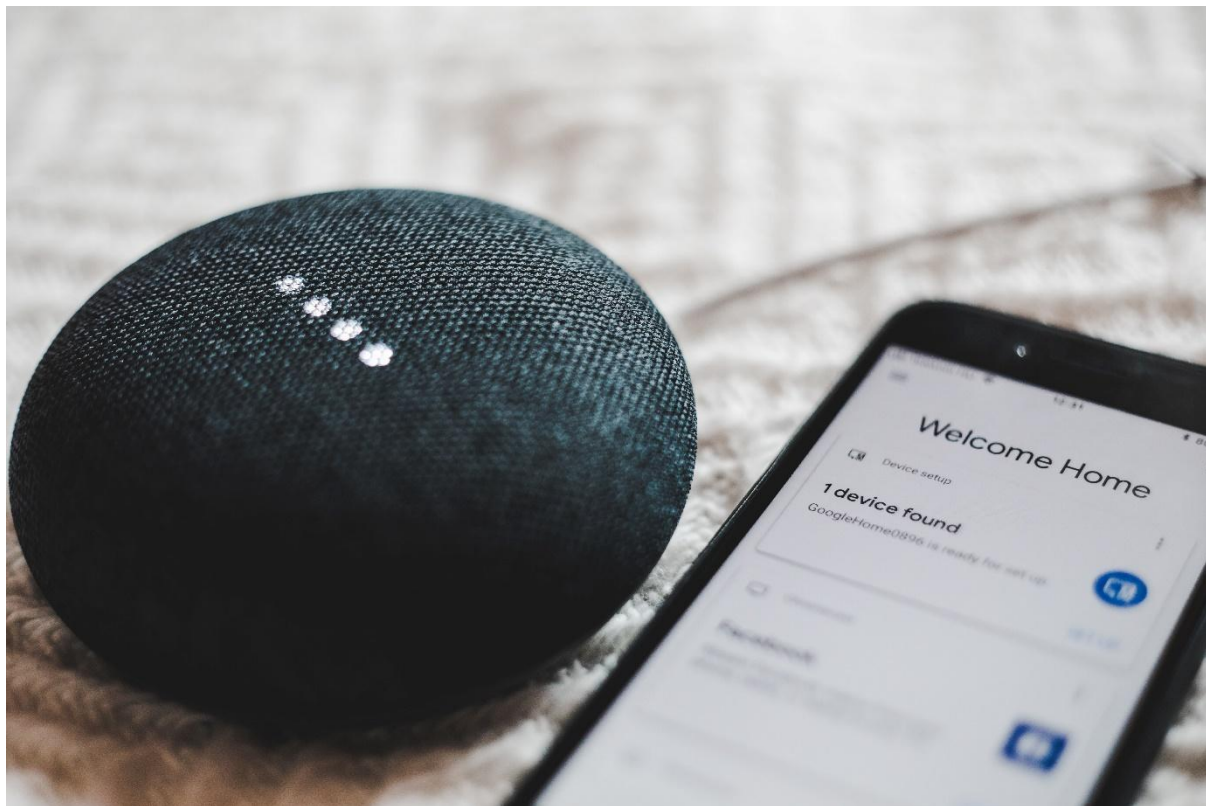
**Calendar for
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Change**

Quid-Pro-Guo - Inter-generational
Education to Ease Global Warmi



Case Study: My Smart Home

Month:	February
Topic:	Energy Efficiency
Case Study Title:	My Smart Home



Source: Unsplash, Bence Boros

Name of the Climate or Social Enterprise or Activist Group:	Google Home
What is their Story?	Google Home is a product line that helps to transform people’s homes into ‘smart homes’. These products are all controllable from the Google Home app which allows for homeowners to directly control their energy usage. These products include thermostats and light bulbs.



Link to the Case Study:	Link: https://www.esbnetworks.ie/existing-connections/meters-and-readings/smart-meter-upgrade Background: https://www.esbnetworks.ie/existing-connections/meters-and-readings/smart-meter-upgrade/background
Why is this a Good Example to Follow?	<p>This is a good example to follow because by installing smart devices, homeowners can take more control over the energy usage of the their thermostat and lights. By temperature on the app, people can make huge energy savings by decreasing their house temperature by even 0.5C.</p> <p>For thermostat devices such as the Nest Thermostat, homeowners can set ‘eco temperatures’ which stops your home from wasting energy while nobody is there (Google, 2022). A leaf symbol will appear on your device when your thermostat is set to an energy-saving temperature. By being able to control your lighting directly from your phone, you are able to make sure that only the lights are on in rooms that need to be lit!</p> <p>Each month a ‘home report’ is issued by the app which summarises the energy use, safety events, and more for the products in your home (Google, 2022). These reports allow homeowners to understand the savings they have made every month in terms of energy, which will translate into money savings on their next electricity bill!</p>
What Impact has this case study example achieved?	<p>The benefits of having smart devices in your home include reduced energy use and energy bills. By being able to control your lighting and heating from your phone, you are able to take an active part in making sure that you are not wasting energy unnecessarily. While there is initially a big upfront cost, the savings accrued by the devices in terms of energy bills will make back that money in no time!</p>
References	<p>Google. (2022a). <i>Improve energy savings with your Nest thermostat - Google Nest Help.</i> https://support.google.com/googlenest/answer/9249254</p> <p>Google. (2022b). <i>Learn about the Nest Home Report - Google Nest Help.</i> https://support.google.com/googlenest/answer/9275062</p>




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