

Participant A

60
German
Construct or

Participant B

30
German
Researcher in renewable energy

Participant C

28
Taiwanese
HCI student

Participant D&E

69
German
Retired professors in mineralogy
69
German
Retired professors in geoscience

Participant F

29
Austria
PhD student in energy

Participant G

28
German
PhD student in energy system

Knowledge

knows about climate change
the rising energy prices push the roofing of IT technologies
has knowledge of EU energy policy

dissatisfaction with Germany's continued use of coal
installed solar panels in one of his houses
friction with energy efficient appliances and renewable energy technologies

shows strong awareness of climate change and IT technologies
the information on investment costs is useful
highlighted that the renewable energy sources are not as profitable as fossil fuels
found a particularly helpful document on determining the requirements for renewable energy technologies
shows a consistent energy efficient knowledge and resources in his house
very useful for determine what to invest

learned those technologies actually help save bills
has intelligent at which how also learned the experience with smart thermostats
read all the explanation books for each technology
Her husband has installed a smart thermostat on her heater
renewable energy sources are not as profitable as fossil fuels
read all the explanation books for each technology

had limited knowledge of artificial intelligence
were attentive to home energy systems
the installation of a PV system on their rooftop was a great idea but it was not as profitable as fossil fuels
they agreed to the installation of a PV system on their rooftop
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a strong background and knowledge in energy technologies and energy change
considers investing in a PV system
also has an interest in artificial intelligence

previous experience with energy technologies and energy change
recently installed a PV system in their home
expressed a keen interest in artificial intelligence
found that the focus on the renewable energy sources is not as profitable as fossil fuels
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Trust

Trusting the recommendations due to his familiarity with the technologies
preferred to focus on specific options installing a heat pump and switching to fossil fuel
relied on his professional experience

had the experience with the technologies
preferred to focus on specific options installing a heat pump and switching to fossil fuel
relied on his professional experience

believes the estimation of the energy bill is accurate
Based the ability to adjust energy in the house and the energy bill is very precise
The user programmed and monitored the service cost based on his trust in the system
While he noticed the "buggy" information, it was not a problem for him

was pleasantly surprised to find that the estimated current bill is very precise
the found this system with the digital and reliable
expressed her belief after testing it by comparing the bill energy consumption
had a good experience with the system
had a good experience with the system
had a good experience with the system

The estimated energy bill was very precise
The estimated energy bill was very precise
The estimated energy bill was very precise
The estimated energy bill was very precise
The estimated energy bill was very precise

expressed confidence in the system's ability to adjust energy in the house and the energy bill is very precise
he found the recommendations aligned with his knowledge and experience

trusting the recommendations because they align with his knowledge and experience

Driver

Financial considerations and environmental impact guide his energy technology decisions
we need government's support in making sustainable decisions

implement the technologies for economic reasons
expressed concern about the carbon footprint
government assistance in the form of support for energy efficient appliances or other financial incentives

to be a potential replacement for the fossil fuels
The government should support the transition to renewable energy sources
government assistance in the form of support for energy efficient appliances or other financial incentives

their current technologies were still in good working condition
given the current cost of fossil fuels, it was a good idea to invest in renewable energy sources
Financial considerations were the most important factor in making energy technology decisions

Financial considerations are the most important factor in making energy technology decisions

too expensive for the investment

Others

overwhelmed by the extensive list

should consider electric cars
he appreciated that the interface was not overly complicated

the user easily saw the information and the user interface was not overly complicated

found the recommendations page a bit overwhelming

expressed appreciation for the extensive list of energy technology options

He appreciated the extensive and limited number of energy technology options