

We consider the case for introducing smart technologies into student accommodation buildings, including the outcomes, costs and return on investment.



# UTOPI

1

**How does this technology  
meaningfully enable  
and maximize the outcomes  
you're looking for?**

2

**What does it look  
like in practice?**

3

**And how much  
does it cost?**

**1** How does this technology meaningfully enable and maximize the outcomes you're looking for?

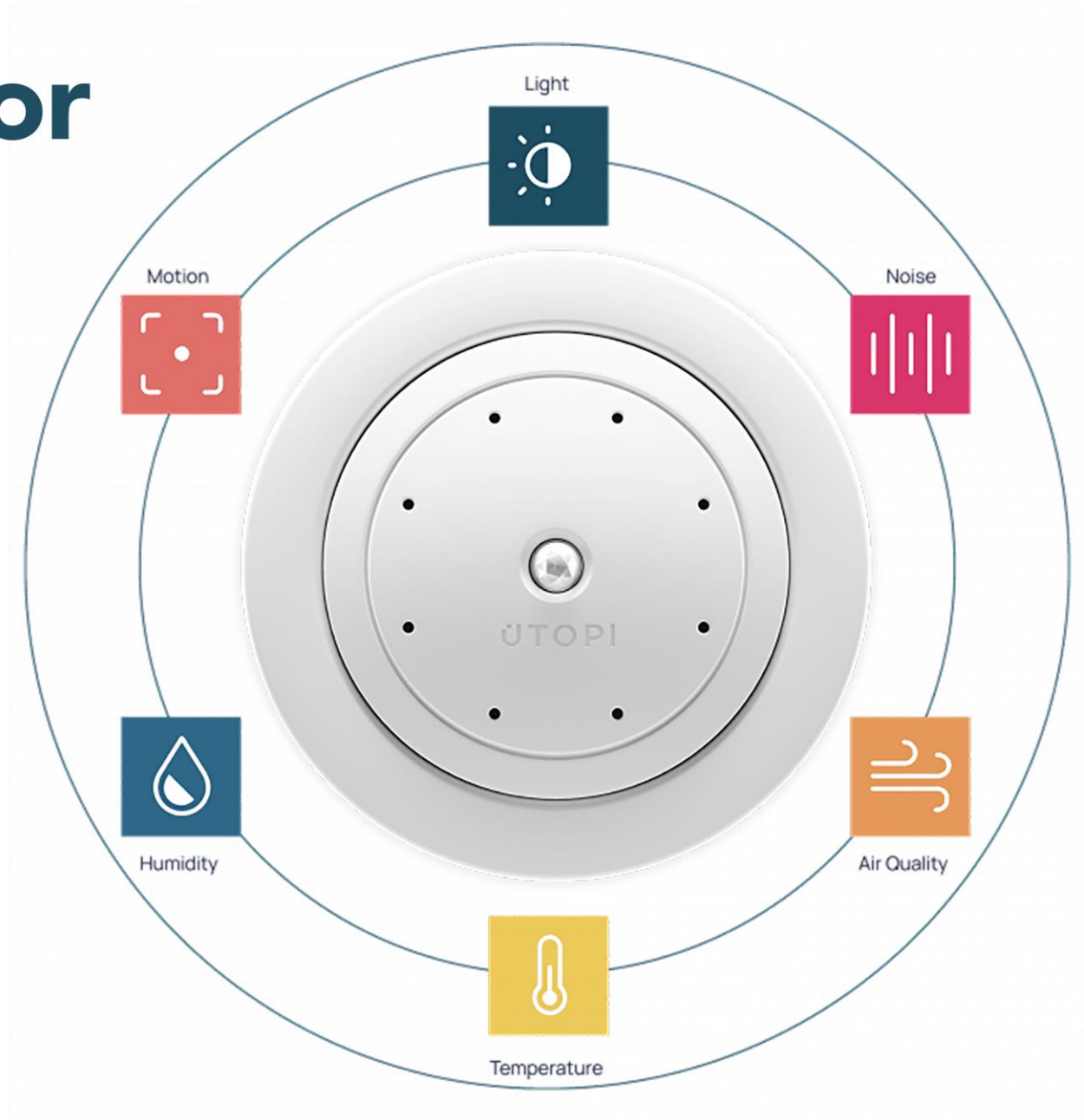


**"You need to compare with something or someone. Without comparison of how you are doing, you don't know how to interpret your usage"**

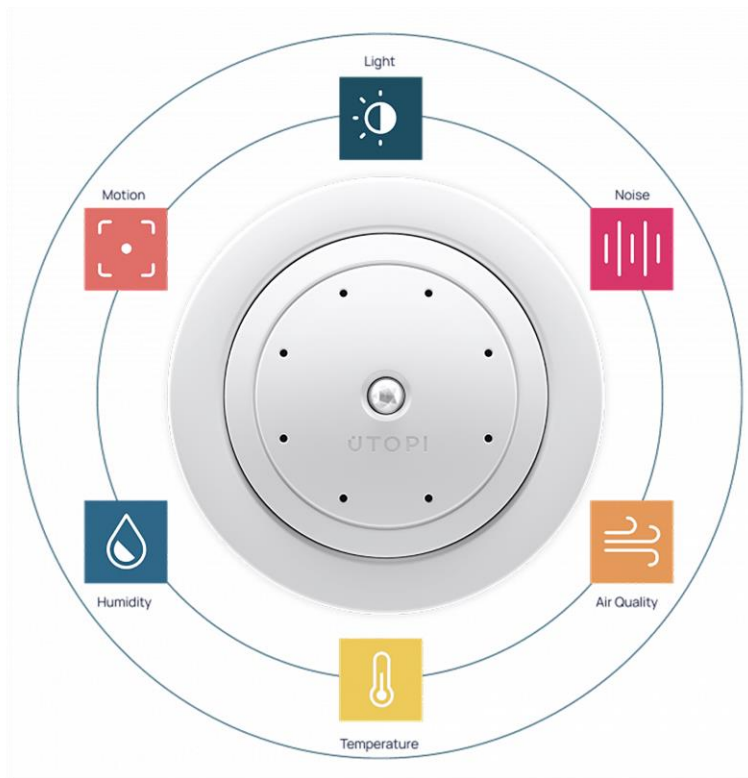
RESIDENT, GERMANY



# The multi-sensor



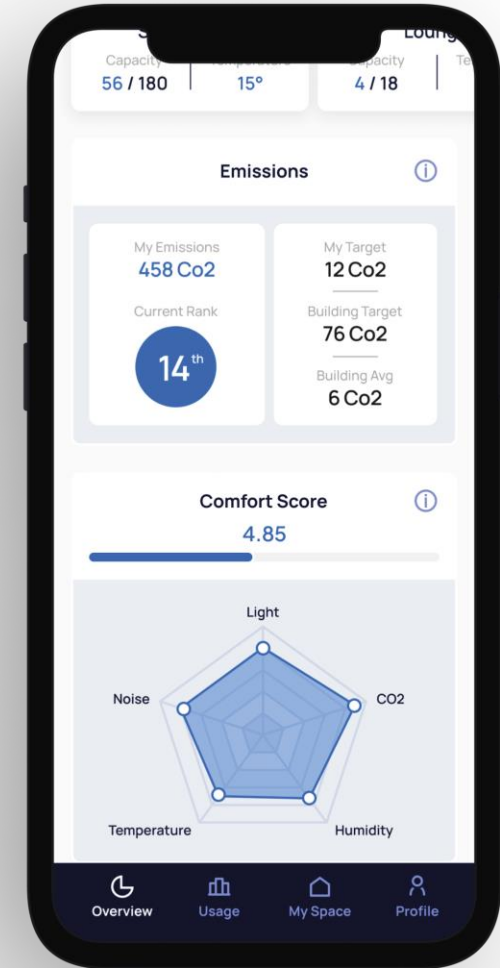
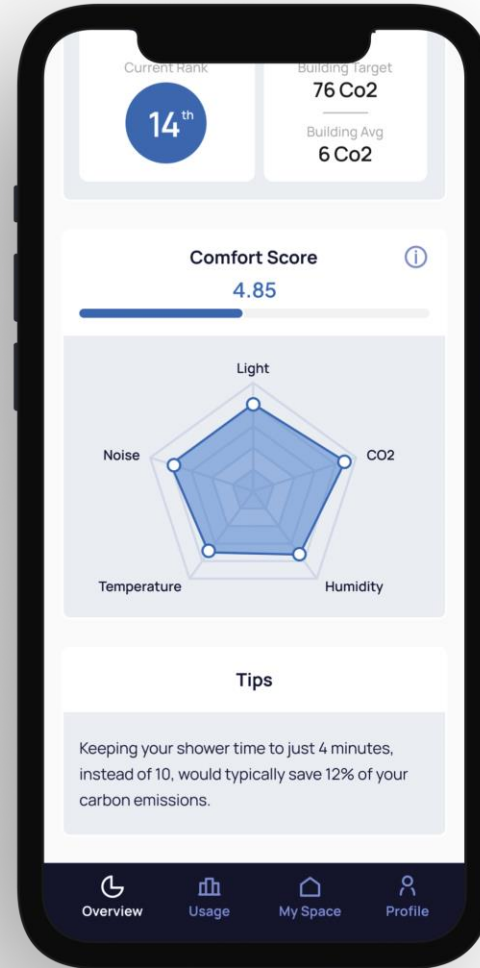
# The multi-sensor + smart meters



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# Resident engagement technology



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## 2 What does it look like in practice?



500

bed PBSA site

500

smart sensors

84

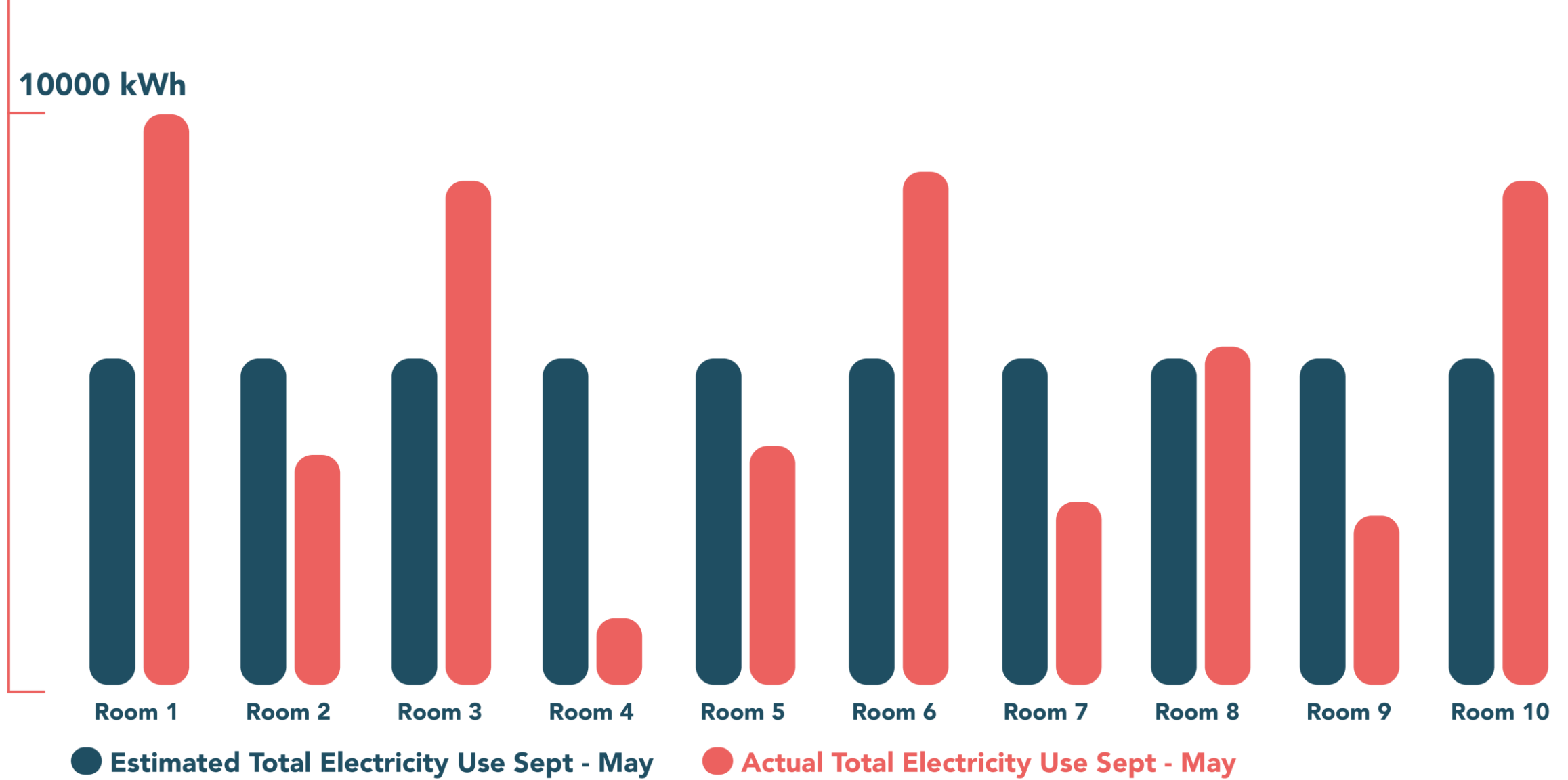
smart meters



ASK4

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**“How residents behave directly affects our ability to hit our targets; without them on board, that net zero goal is unattainable.”**



### 3 How much does it cost?



Site	20p/kWh	40p/kWh
Number of units	500	500
Annual Electricity Consumption (kWh)	1,000,000	1,000,000
Annual Electricity cost	£200,000	£400,000
Sensors / metering capital cost	£61,710	£61,710
SaaS annual cost	£21,000	£21,000
Energy saving (years 1-5)	15%, 20%, 25%, 25%, 30%	15%, 20%, 25%, 25%, 30%
Payback (years)	3.17	1.42



Find the QR code in  
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