

SUB- METERING PROPOSAL

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Department

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FIRST INSIGHTS



ENERGY POWER SYSTEM IN SMART HOMES



The Energy Management segment covers the sale of products and services for the control and reduction of energy consumption



Main product category are: smart thermostats in combination with AC and radiator controls built by Google Nest, Bosch, or Samsung.

The average revenue per installed Smart Home currently amounts to US\$77.54 and it is expected to hit by 2024.



ADVANTAGES



CONNECTIONS

Digitally connected and controlled devices within a house that can be remotely controlled



REDUCE ENERGY USAGE

Predicting future usage
Avoid possible electronic devices' malfunction



Information in Real Time

Sensors, and cloud services that support automation



ENVIRONMENTAL AWARENESS

Savings on energy consumption

PROJECT STAGES

STAGE 2

Electric devices usage.



STAGE 3

Predict Future electric usage
Avoid future electrical devices damage
Electric devices preference.

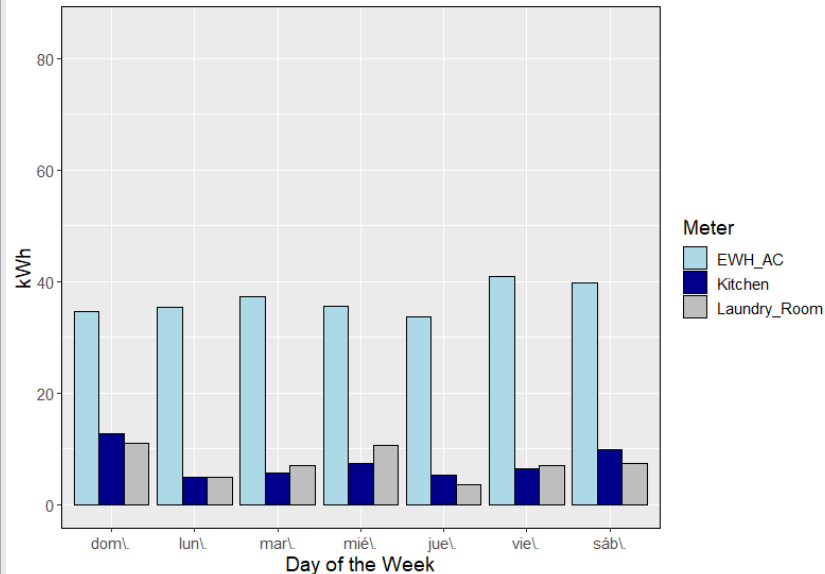
STAGE I

Trends of behavior
Electricity usage
rates.

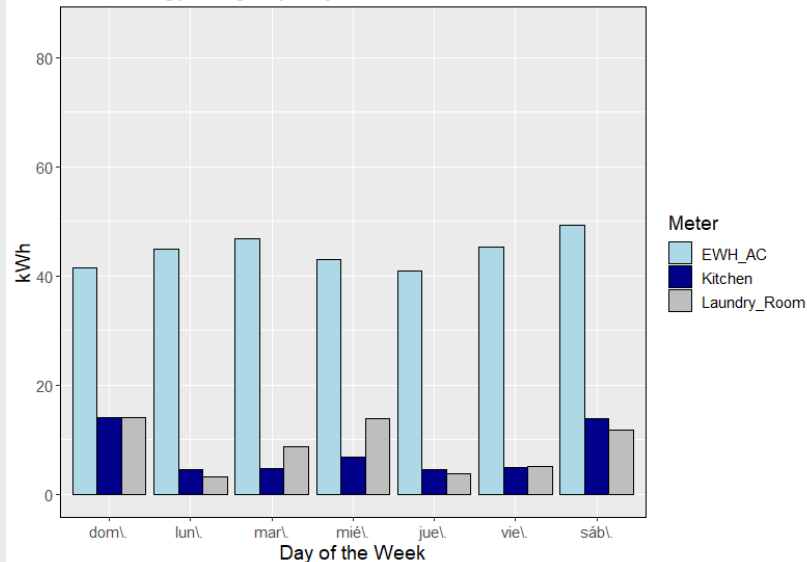


I STAGE

Total Energy Usage by Day for Weeks in Summer Months



Total Energy Usage by Day for Weeks in Winter Months

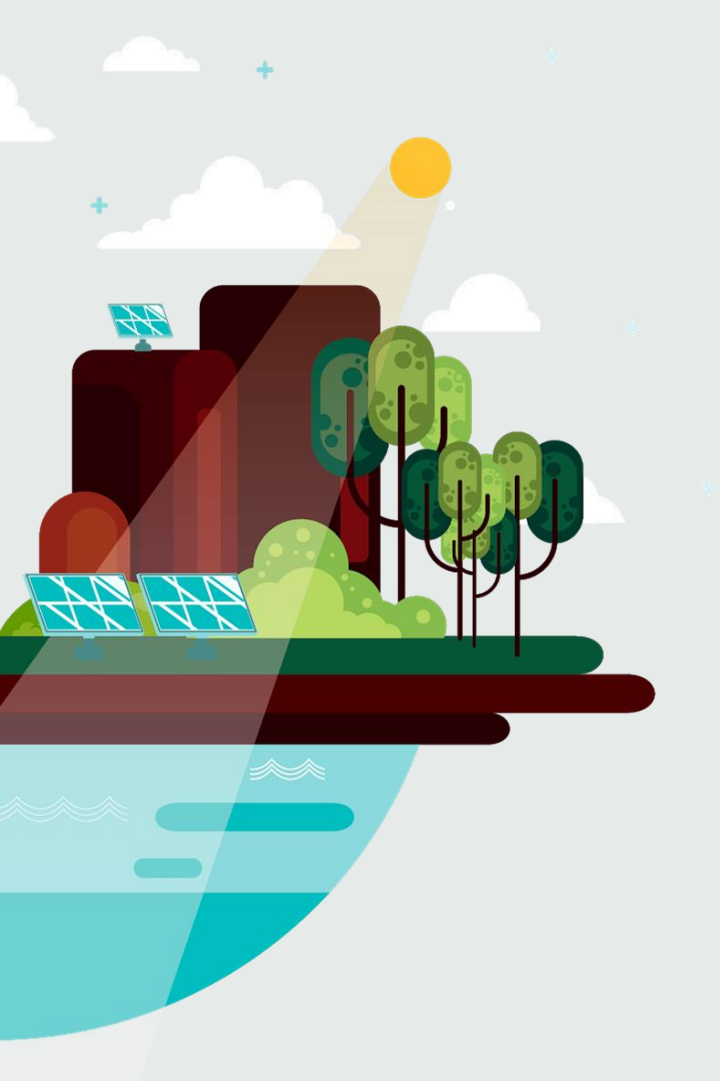


2 -3 STAGE

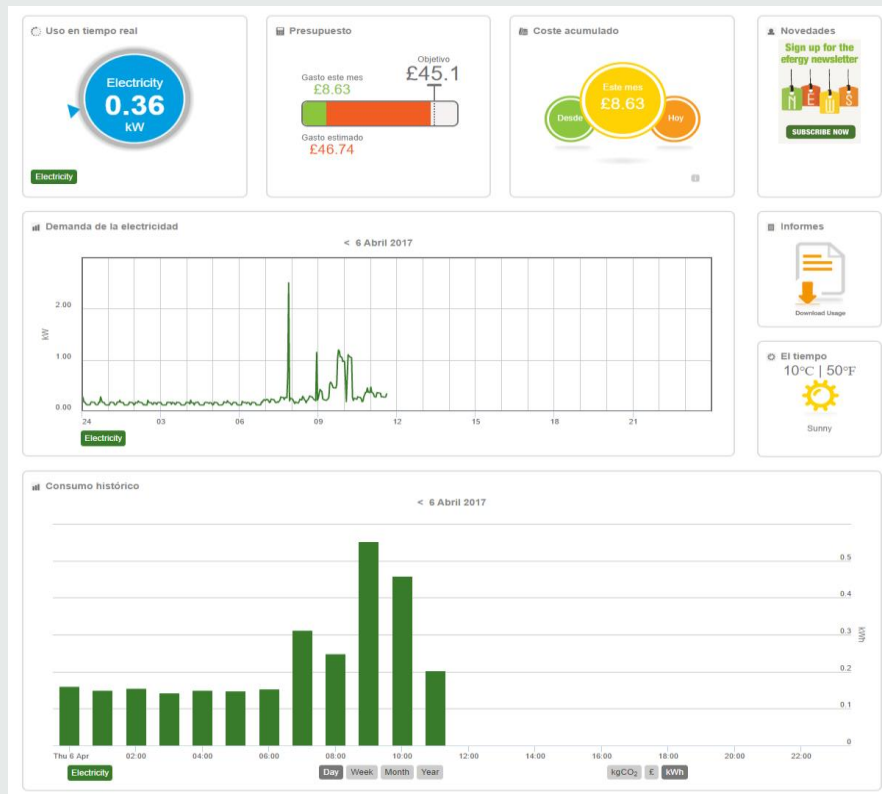
DASHBOARD

Control of the average temperature.
Better maintenance of electric devices.

Lowest rates.
Predict future usage.



DASHBOARD



GOALS

Improve energy efficiency

Save energy using the sub-metering information (and other proposals)



Engagement and satisfaction

Personalized consumption creates a better customer experience, fostering engagement and satisfaction

Monitoring and awareness

Increased awareness of activity can enhance home security, home automation solutions and enable services

BUDGET PROPOSAL PER PROJECT (3 MONTHS)

 **30,000**



DATA DESIGN

\$10,950



DATA DEPARTMENT

\$18,750



SOFTWARE

\$300

ADDED VALUE FROM PREDICTED RESULTS



20%

Opportunity to improve
electric rates.

One click

Optimization of the
energy at one click



30%

Less energy wasted





THANKS

Does anyone have any questions?

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