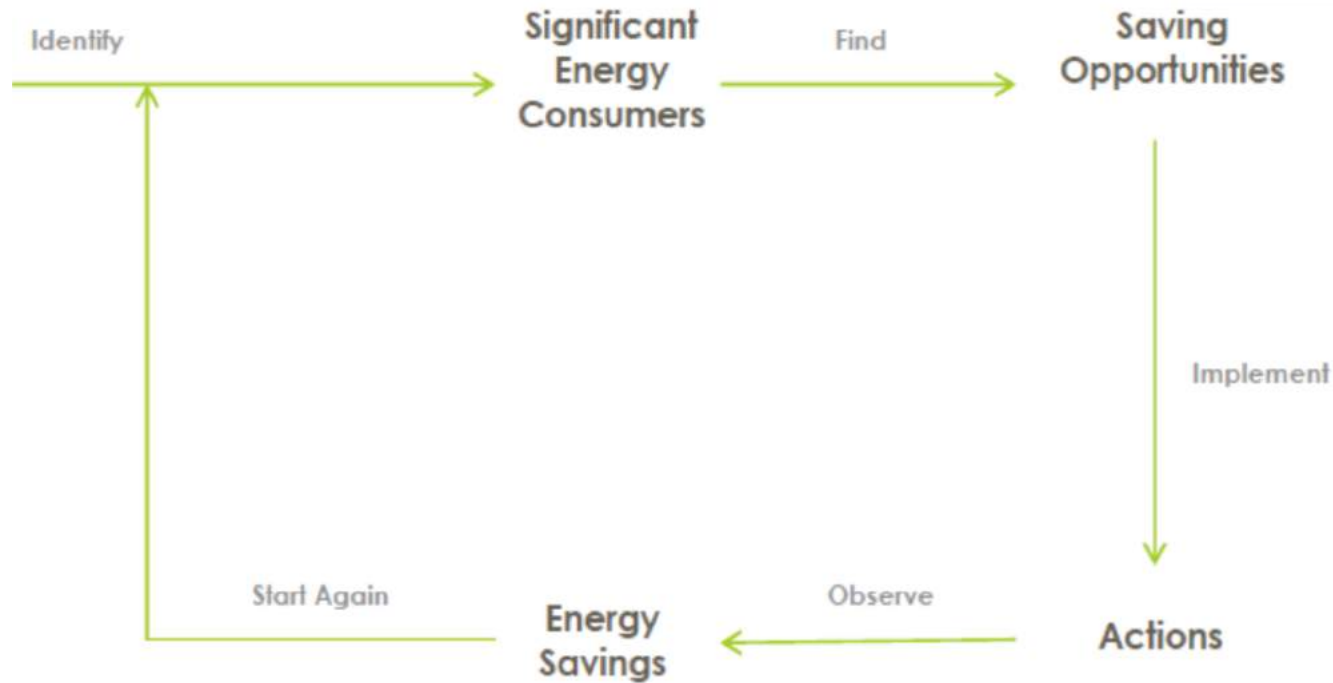


# How to reduce energy and costs through 8 steps



# Saving Plan Lifecycle



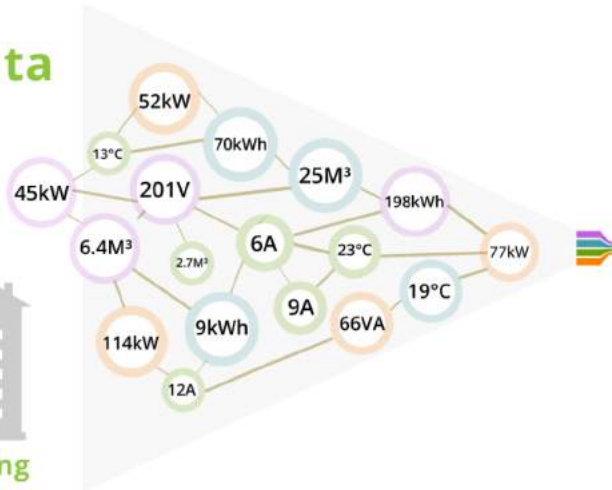
# Step #1. Install the meters and gather data

## Your data

Meters  
PLC BMS  
Sensors Bills  
CSV DCIM



Your building



# Step #1. Install the meters and gather data

## Key Benefits

1. Connect meters, sensors and devices easily
2. Benefit from a comprehensive list of compatible devices
3. Push data from existing meters, sensors, devices, databases, data acquisition systems as required
4. Upload your historical energy data
5. Gather and analyse energy, gas, water, temperature, air quality and any other numeric value - eg. production, building occupancy
6. Receive all parameters of energy data including active power, apparent, power factor, reactive power, voltage, L-L voltage, current for each phase
7. Visualise and manage meter data in real-time
8. Comply with energy and climate policies, legislation and certifications

# Step #2. Analyse Your Data

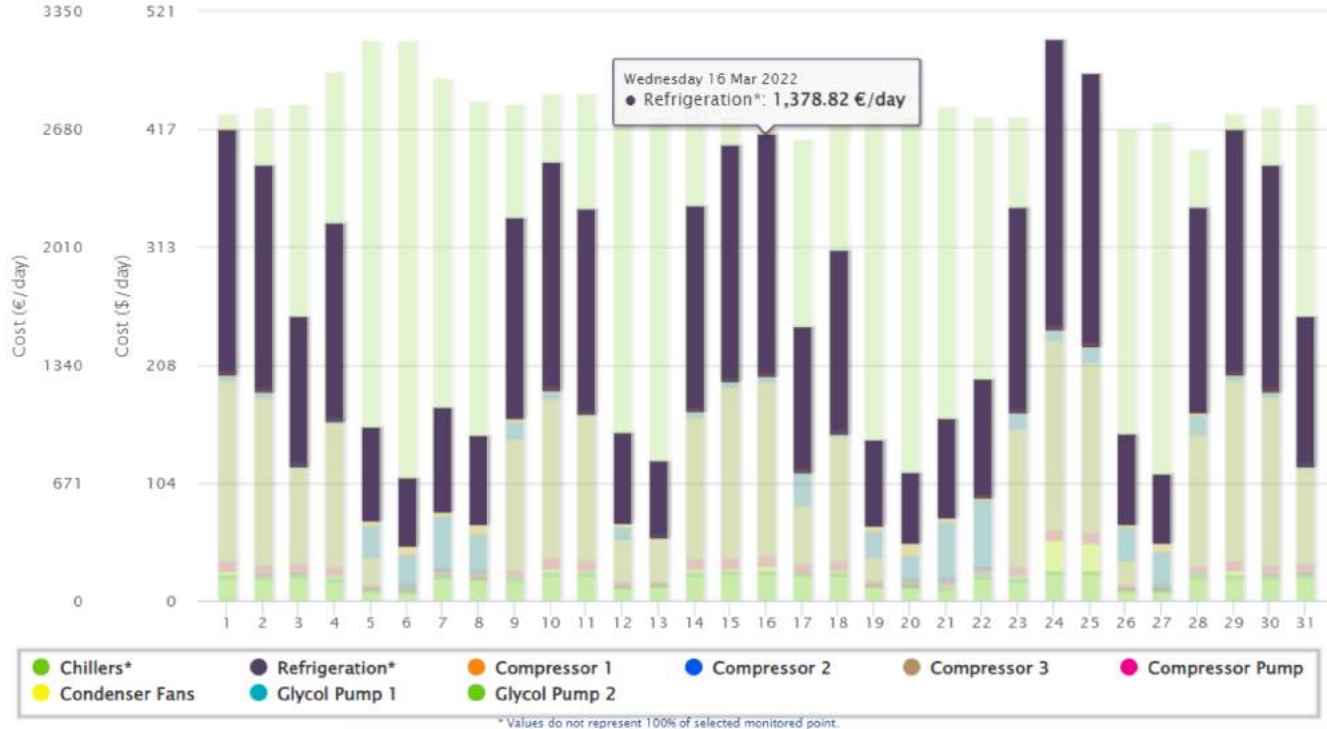
## Powerful tool for analysis:

1. Stack, spline, column, pie charts
2. Daily, monthly, weekly, yearly, period views
3. Compare every and each parameter
4. Compare every and each site in the property
5. Measure in values, measure in money
6. Notify unexpected energy patterns after 4 weeks of data gathering





## Daily Cost - March 2022

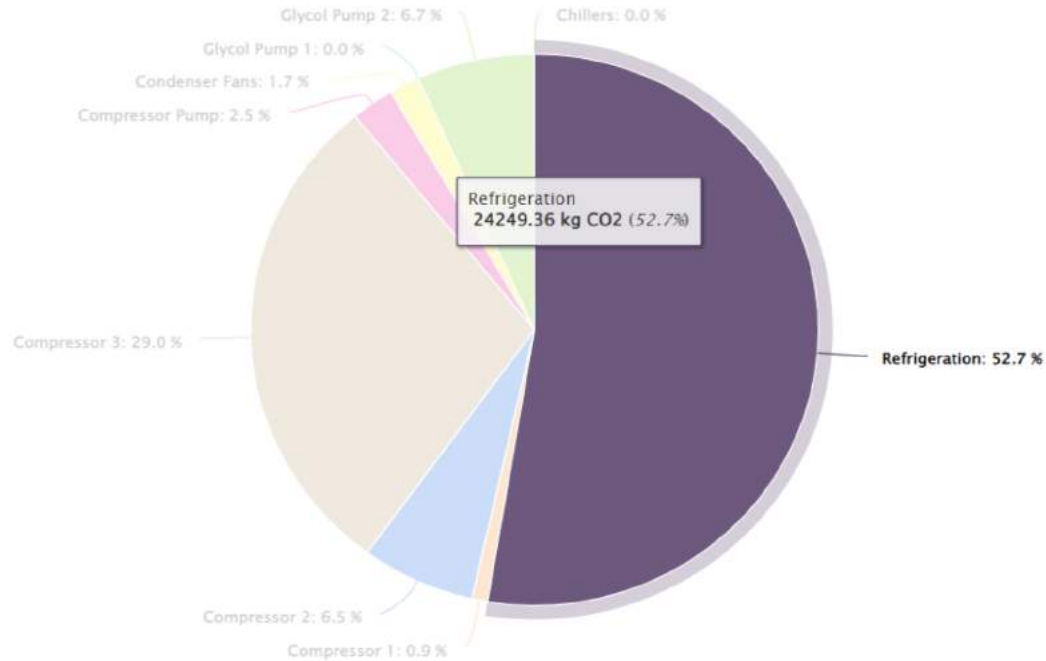




## Consumption from 13/04/2022 to 13/05/2022



Total : 46,053.7kg CO2



# Step #3. Set Your Supplier Tariff

1. Complex tariffs analysis
2. Create tariff periods, e.g. winter/summer tariff
3. Set tariffs based on time of use, e.g day/night tariff
4. Automatically calculate energy cost based on set tariff
5. Introduce multiple tariffs to easily benchmark supplier offers
6. Keep a record of historical supplier tariffs
7. Make the best decision on prices



# Step #4. Find the saving opportunities

Energy & Sustainability  
Consultants & Analysts:

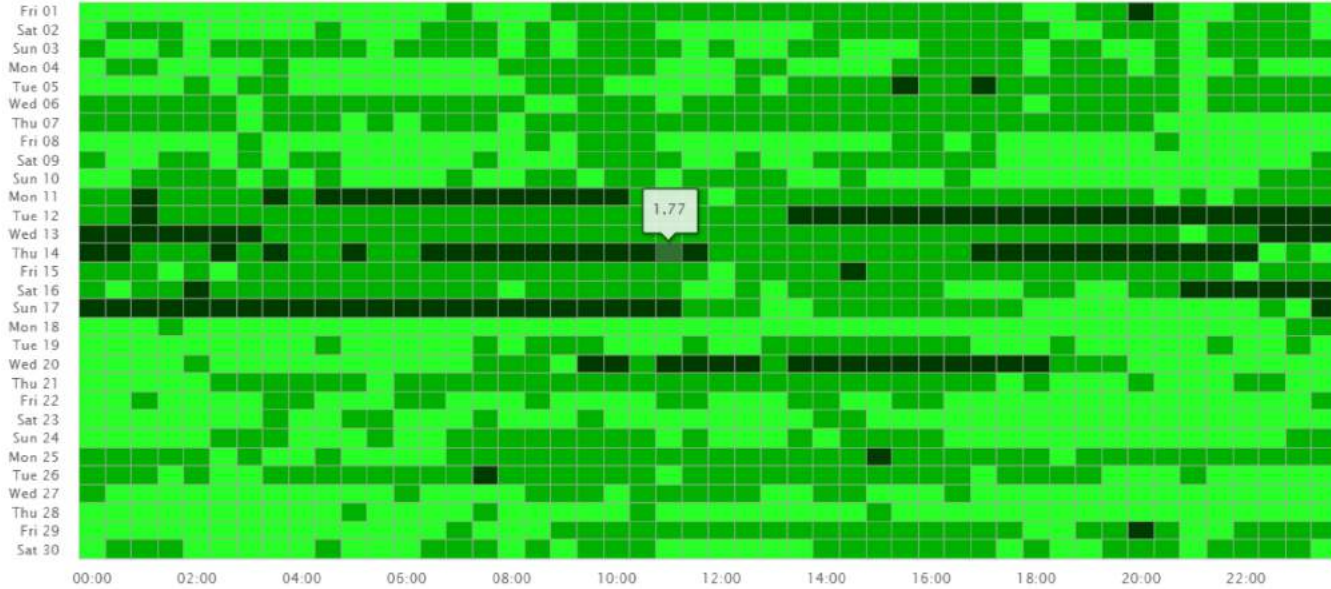
1. Identify patterns on activity maps
2. Analyse an alerts of unusual activity
3. Devise saving strategies based on breakdown graphs
4. Recommend necessary changes for decrease energy/cost savings



# Activity Maps – Floor 2 W



April 2022



powered by Wattics

# Step #5. Test Scenarios and Calculate Saving Potentials

Floor 1 - February 2022

Existing Operations

Select time slots to estimate savings

Day	0:00	2:00	4:00	6:00	8:00	10:00	12:00	14:00	16:00	18:00	20:00	22:00
Sun												
Mon												
Tue												
Wed												
Thu												
Fri												
Sat												

Energy Reduction:  100 %

Total Monthly values: 1,818.92 kWh  
❗ Operations values: 932.82 kWh  
❗ Saving Opportunity: **886.1 (48.7%) kWh**

Select time slots to estimate savings

# Step #6. Agree and Implement Changes In Your Site

Energy & Sustainability Consultants will implement changes, analyse and simulate PV, EV and storage impact and reduce consumption

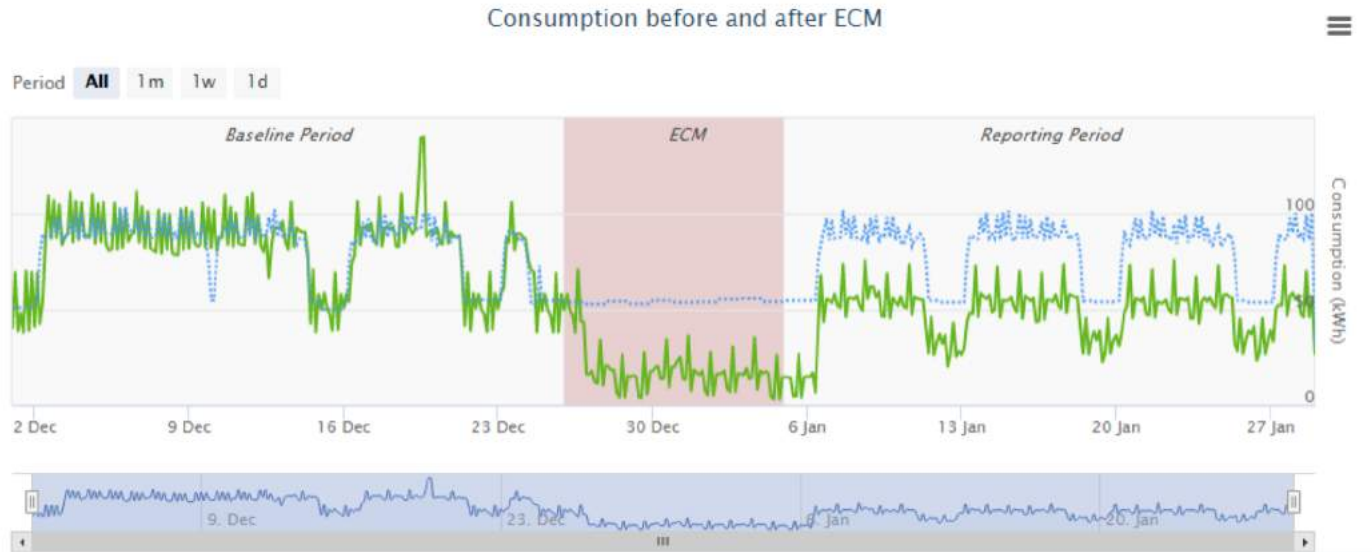


# Step #7. Measure savings and verify effectiveness

## Key benefits

1. Easy to compare BEFORE and AFTER
2. Effective tool to verify impact of your energy conservation measure
3. Identify correlation between energy and other business metrics, e.g. production data
4. Track saving achieved in money and kWh
5. Benefit from customised reports sent to your inbox

# Step #7. Measure savings and verify effectiveness



# Step #8. Enjoy The Results

1. Enjoy your savings
2. Improve your bottom line
3. Improve your corporate social responsibility
4. Be respectful towards the environment





# Key benefits of the Gadgeon EMS platform

- **ENGAGE EMPLOYEES** with a great user experience and machine learning software to change energy consumption behaviour
- **INCREASE FLEXIBILITY** through seamless integration with industry-leading meters, sensors and Fluvius NSP platform
- **REDUCE ENGINEERING TIME TO ANALYSE DATA** through specialised tools for real time energy performance analysis, measurement and verification
- **DETECT SAVINGS, MANAGE PEAKS, BALANCE and STORE** through working together with the GADGEON Energy Capacity consultants to analyse,, automate , implement



Real-Time  
Analysis



Trends  
Analysis



Measurement &  
Verification (IPMVP)



Tariffs  
Analytics



Alarms &  
Events



Reporting



Wastage  
Analysis



Power Quality  
Analysis



Performance  
Metrics



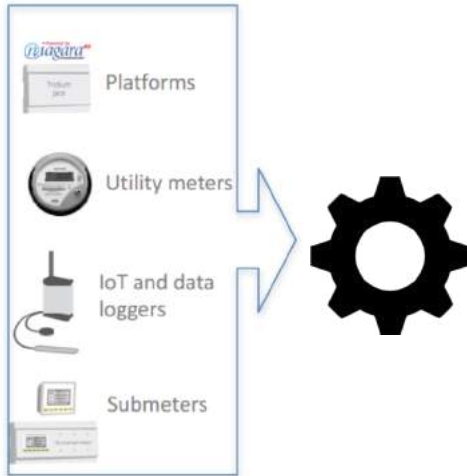
Projected  
Savings



# Awards of the software



# Our technology



## Unique Adaptive Learning



## Unique verification analytics

# Compliance with energy and climate policies, legislation and certifications



# Sound interesting? Contact us!

Email: [info@gadgeon.eu](mailto:info@gadgeon.eu)

Phone: +32 387 04665

Or contact

Kris van Daele

+32 475 23 39 46

[Kris.VD@Gadgeon.com](mailto:Kris.VD@Gadgeon.com)

