



PHOENIX

Adapt & Play Holistic Cost Effective and user-friendly Innovations
with high replicability to upgrade smartness of existing buildings with legacy equipment

Phoenix Dashboard

User Guide



This project has received funding from the European Union's Horizon 2020 Framework Programme for Research and Innovation under grant agreement no 893079.



The Phoenix Dashboard is the main connection point of the users and the rest of the Phoenix platform components and services. All relevant user services are provided in a user-friendly way to the building occupants and managers so as to facilitate the **better understanding of their building's performance** in terms of energy management and the **improvement of their consumption behaviour**.

❖ Main functionalities of the Phoenix dashboard:

- Listings of available buildings, zones, devices
- Occupancy and comfort information of zones
- Current sensor measurements
- Historic sensor data
- Energy consumption/generation data
- Smart Readiness Indicator (SRI) and energy performance information
- Self-consumption optimization recommendations
- Notifications



There are two different roles to access the Phoenix dashboard.

As a building **occupant** or as a building/buildings **manager**.

❖ A building occupant can:

- Have access to all data available for the registered buildings/zones as well as personal comfort information

❖ A building manager can:

- Have access to all data available for the registered buildings/zones except from comfort details
- Alter the settings of flexible devices
- Upload Smart Readiness Indicator details for buildings
- Trigger the blackout service (where available)
- Monitor the devices' maintenance status



PHOENIX

Registration and Login

Registration Form (for occupants and managers)

Logging in

Survey Form



Register

Username
user_guide1

Email
user_guide1@inf.um.es

Password *
●●●●●●

Confirm Password
●●●●●●

First Name
User

Last Name
Guide1

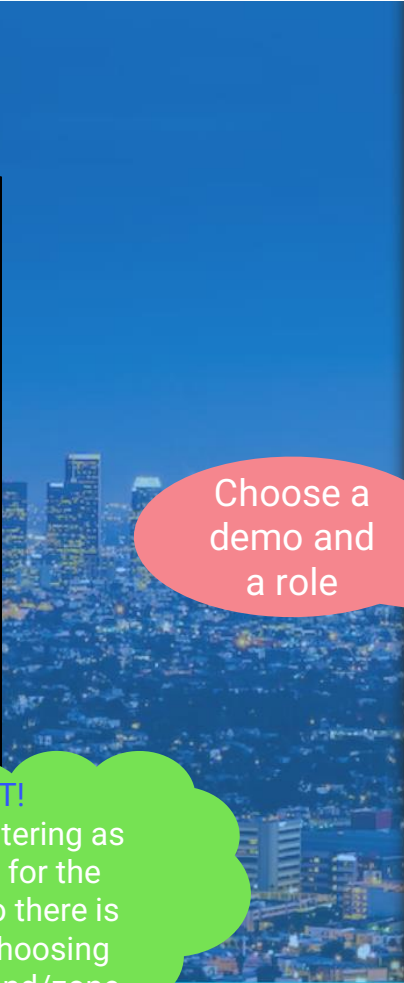
Demo *
University of Murcia (UMU)

Choose a role
Occupant

[Sign up](#)

Already have an account? [Log in](#)

HINT!
When registering as occupant for the UMU demo there is no need choosing buildings and/zone



Choose a demo and a role

Register

Username
user_guide1

Email
user_guide1@kama.gr

Password *
●●●●●●

Confirm Password
●●●●●●

First Name
User

Last Name
Guide1

Demo *
Kataskevastiki Makedonias (KAMA)

Choose a role
Occupant

Building *
KAMA-Building

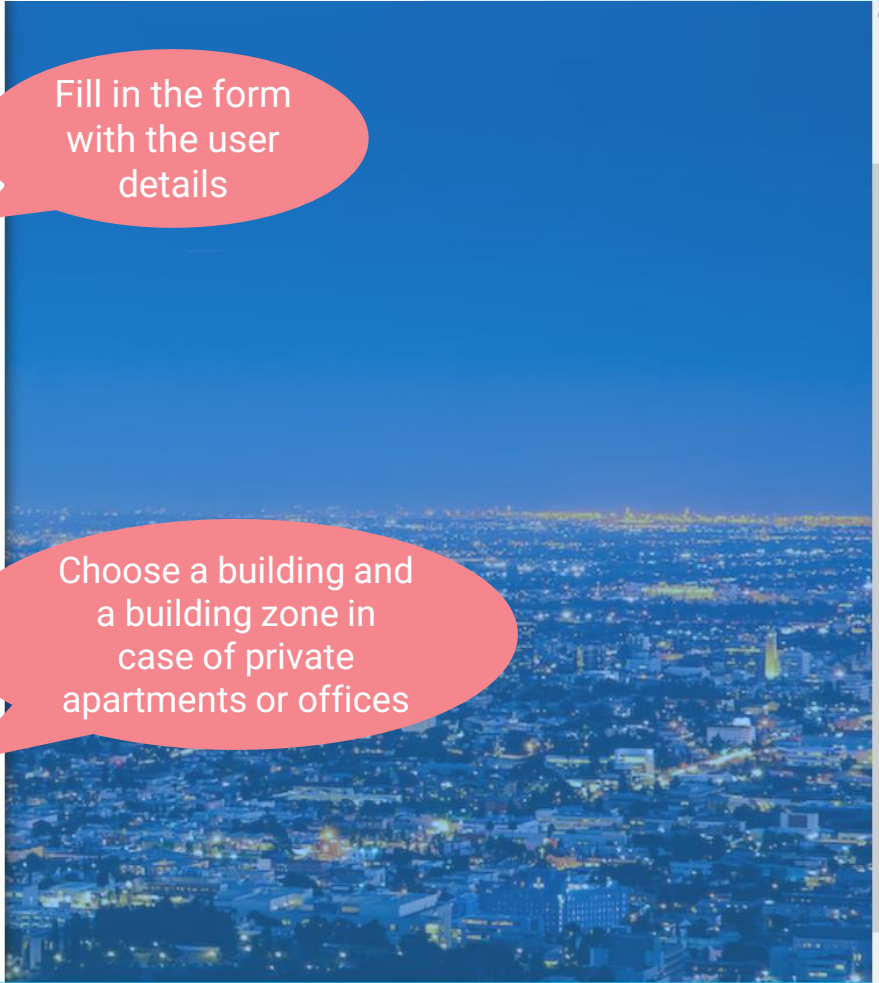
Zone *
Flat4

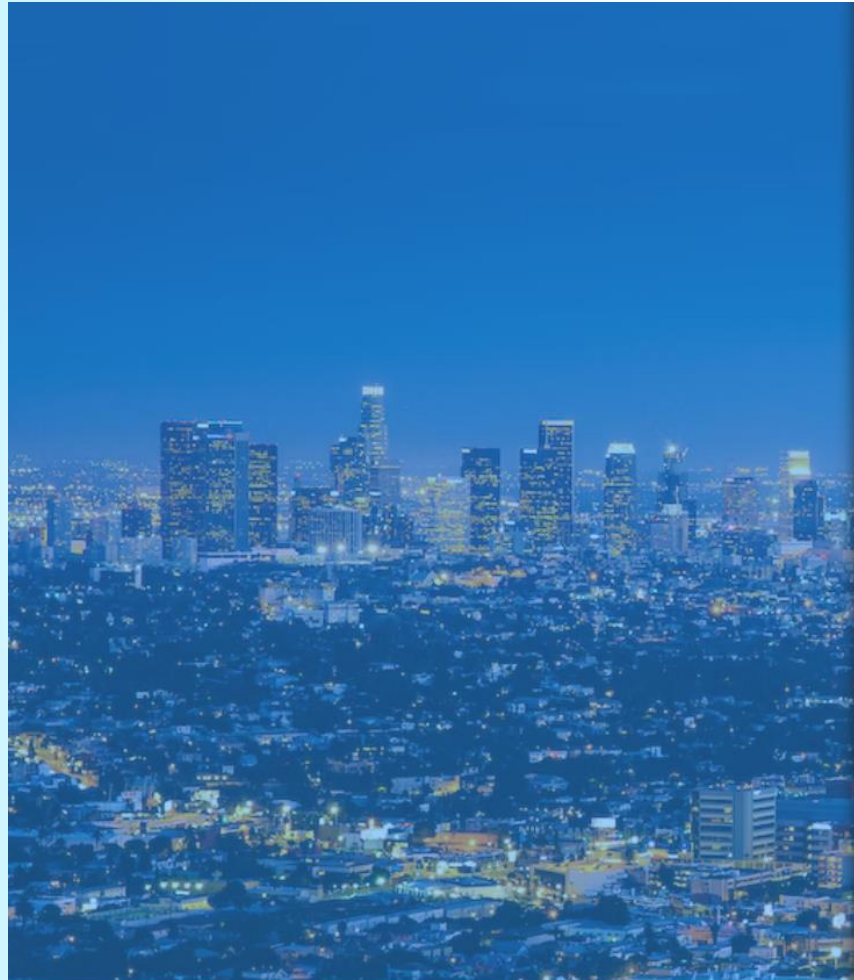
[Sign up](#)

Already have an account? [Log in](#)

Fill in the form with the user details

Choose a building and a building zone in case of private apartments or offices





Register

Username

user_guide1

Email

user_guide1@arden.ie

Password *

●●●●●●●●

Confirm Password

●●●●●●●●

First Name

User

Last Name

Guide1

Demo *

RISEC (ARDEN) ▼

Choose a role

Manager ▼

Buildings *

ARDEN-Rediscovery-Centre

ARDEN-Domestic1

ARDEN-Domestic2

Already have an account? [Log in](#)

As a manager,
you can choose
more than one
buildings to
monitor





PHOENIX

EN


Logging in to the platform

Username *
user_guide1

Password *
●●●●●●●●

Log in

Don't have an account? [Register](#)

 This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 893857

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Welcome Survey

Please complete to help your experience using the Phoenix Platform

Consent Agreement

I hereby consent that my E... board with UBITECH on the
25-08-2023 can be used i... st-EffectiveNess and user-
friendliness Innovations wi... sting buildi
equipment' (PHOENIX), inte... cation
PHOENIX project is to inve... ing
connectivity of their device... my r
include connection protocol...
be identifiable in pictures, but behaviors and email address can be linked together. The pub
results from the project will be in a form so that one cannot trace data back to named individuals. Any
personal information collected in the project will be stored in a separate database and will be encrypted and
only linked with the rest of the data by an identifier known by the data management team, and no personal
data will be transferred to third parties. All people involved in the project and using the personal data has
signed a confidentiality agreement. I can withdraw my consent at any time by contacting UBITECH.

**Welcome to the Phoenix
Dashboard for building occupants
and building managers**
Help us provide you with a personalized
experience by completing our
mandatory Welcome Questionnaire.

Welcome Questionnaire

You will be
prompted to
complete a quick
questionnaire
after the first
login



Welcome Survey

Please complete to help your experience using the Phoenix Platform

Demographics

What is your age?

- < 30
- 30 - 44
- 45 - 64
- 65 +

Where do you currently live?

- Greece
- Spain
- Ireland
- Sweden

What is your educational level?

- Early childhood and primary education / Equivalent

Some of the questions are for statistical reasons

Welcome Survey

Please complete to help your experience using the Phoenix Platform

Preferences

How much light brightness do you usually prefer indoors?

- I feel comfortable in very bright places
- I feel comfortable in bright places
- I feel comfortable in places with normal brightness
- I feel comfortable in darker places

What is your preferred room temperature?

- I feel comfortable in very warm places
- I feel comfortable in warm places
- I feel comfortable in a bit colder places

What is your preferred indoor environment?

- I feel comfortable when the air in my home is dry
- I feel comfortable when the air in my home is moist
- I feel comfortable when the air in my home is neither too dry nor too moist

Some others are used for setting up your comfort preferences



PHOENIX

At a Glance page

General information for the status of the building and of a default building zone



The screenshot shows the Phoenix dashboard interface. At the top, there is a navigation bar with a home icon, the Phoenix logo, and user account information (ACCOUNT, LOGOUT, EN). A left sidebar contains a menu with options like 'UMU-Pleiades', 'UMU-Estates', 'UMU-Pool', 'DATA SOURCES', and 'SERVICES'. The main content area is divided into several sections:

- General Information:** Displays sensor data for 'UMU-Pleiades-BlockB-B1.1.014'. It includes Temperature (26.8°C, Comfortable), Humidity (not-authorized), IAQ (CO2) (416 ppm, Comfortable), and Illuminance (5 LUX, Uncomfortable).
- Building Identity:** Lists Building Name (UMU-Pleiades), Location (Murcia), and No. of Areas (9).
- EPC:** Shows a bar chart for Cooling categories A through G.
- Smart Readiness:** Features four metrics: SRI (40%), Energy Savings & Maintenance (39%), Comfort, Ease & Wellbeing (45%), and Grid Flexibility (45%).

Three callouts highlight specific features:

- Choose a building to see relevant information:** Points to the building selection menu in the sidebar.
- Current ambient sensor measurements of one zone and personal comfort info:** Points to the General Information section.
- Building's SRI summary information:** Points to the SRI metric in the Smart Readiness section.



- SERVICES**
- Energy Savings ^
 - Comfort
 - Convenience
 - Information
 - Health & Well-Being
 - Smart Readiness

Smart Readiness

SRI

40%

Energy Savings & Maintenance

39%

Comfort, Ease & Wellbeing

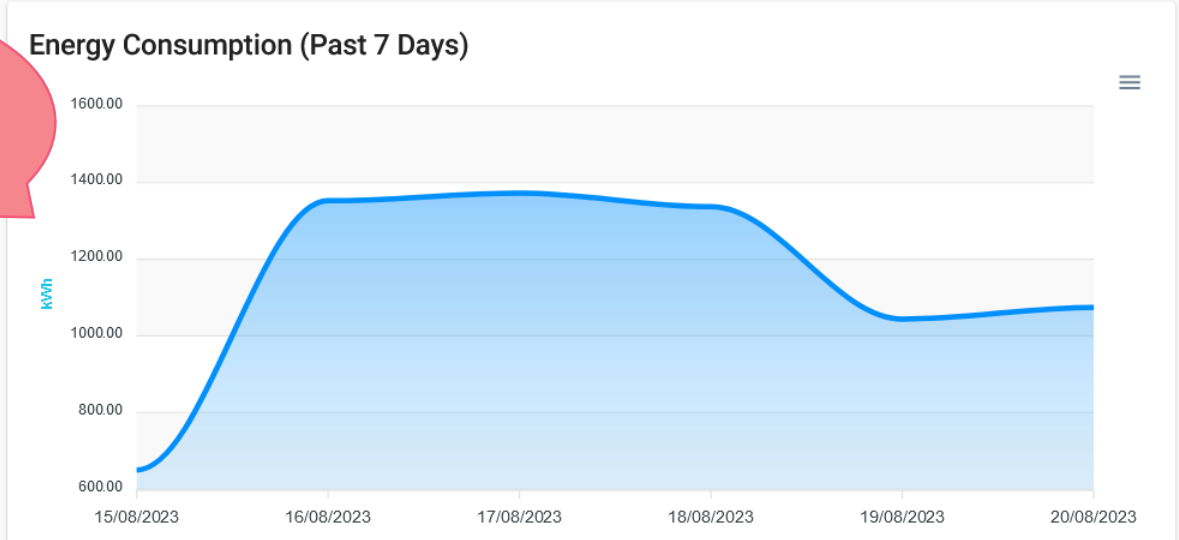
45%

Grid Flexibility

45%

Choose a zone to see relevant Energy Performance Certification info

Energy Consumption of the past 7 days at building level



EPC

BlockB-B1.1.015

Cooling

Category: A
Score: 2.886 kWh / squared meter building
Calculation Level: building

Heating

Category: A
Score: 6.751 kWh / squared meter building
Calculation Level: building



PHOENIX

“Areas” page

Display of all available building areas along with the estimated occupancy status



- Area Overview
- DATA SOURCES**
- Areas
- Available Sensors
- Sensors Data
- SERVICES**
- Energy Savings ^
- Comfort
- Convenience
- Information
- Health & Well-Being
- Smart Readiness

	BackupGeneratorsShed UMU-Pleiades	
Occupancy State: Not Available		
	BlockB-B1.0.058 UMU-Pleiades	
Occupancy State: Not Available		
	BlockB-B1.1.014 UMU-Pleiades	
Occupancy State: Occupied		
	BlockB-B1.1.015 UMU-Pleiades	
Occupancy State: Occupied		
	BlockB-B1.1.016 UMU-Pleiades	
Occupancy State: Empty		



PHOENIX

“Available Sensors” and “Sensors Data” pages

How to navigate to see the available sensors and their data



Navigation bar: Home, PHOENIX, 100 ACCOUNT, LOGOUT, EN

Left sidebar: KAMA-Building, OVERVIEW (At a Glance), DATA SOURCES (Areas, Available Sensors, Sensors Data), SERVICES (Energy Savings, Comfort, Convenience, Information, Health & Well-Being, Smart Readiness)

Available Sensors

Flat8

Add Sensor

	KAMA-Building-Flat8-SmartPlug8-PowerMeter	meter			
	KAMA-Building-Flat8-LEDBulb8	sensor			
	KAMA-Building-Flat8-1PhaseSmartMeter23	meter			
	KAMA-Building-Flat8-1PhaseSmartMeter24	meter			
	KAMA-Building-	meter			

Callout: Choose a zone from the drop down to see the relevant sensors and meters list



Choose a zone from the drop down to see the relevant sensors measurements

KAMA-Building ▾

OVERVIEW

- At a Glance

DATA SOURCES




- Areas
- Available Sensors
- Sensors Data**

SERVICES

- Energy Savings ^
- Comfort
- Convenience
- Information
- Health & Well-Being
- Smart Readiness

Sensors Data

Common ▾

Current Values		Yesterday Data
 KAMA-Building-Common	Light	648 Lux <small>2023-08-23 06:40:00</small>
 KAMA-Building-Common	Humidity	45 Percent <small>2023-08-23 06:40:00</small>
 KAMA-Building-Common	Temperature	28.9 °C <small>2023-08-23 06:40:00</small>



KAMA-Building

OVERVIEW

At a Glance

DATA SOURCES

Areas

Available Sensors

Sensors Data

SERVICES

Energy Savings

Comfort

Convenience

Information

Health & Well-Being

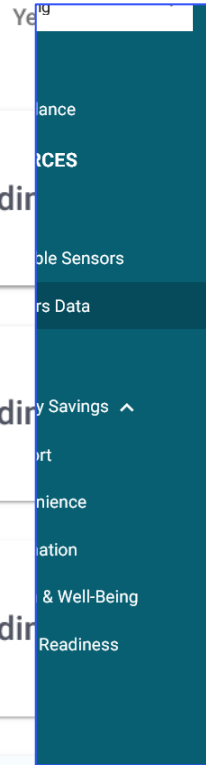
Smart Readiness

Sensors Data

Common

Choose to see current or yesterday's hourly sensors measurements

Current Values



Sensors Data

Flat8

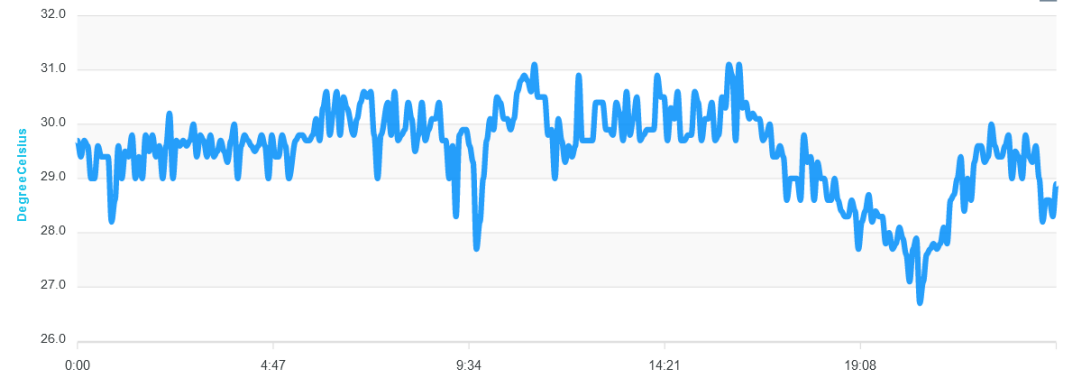
Current Values

Yesterday Data

KAMA-Building-Flat8



Temperature



Choose a zone from the drop down to see the relevant sensors measurements



PHOENIX

“Energy Consumption” and “Energy Generation” pages

Energy Consumption graphs

Energy Generation graphs

Domestic Hot Water graphs

Self-Consumption optimization graphs



Visualize building consumption per day (last 7 days) or per hour (previous day)

- KAMA-Building
- OVERVIEW
 - At a Glance
- DATA SOURCES
 - Areas
 - Available Sensors
 - Sensors Data
- SERVICES
 - Energy Savings
 - Energy Consumption**
 - Energy Generation & Self Consumption
 - Energy Savings
 - Energy Waste
 - Comfort
 - Convenience
 - Information
 - Health & Well-Being

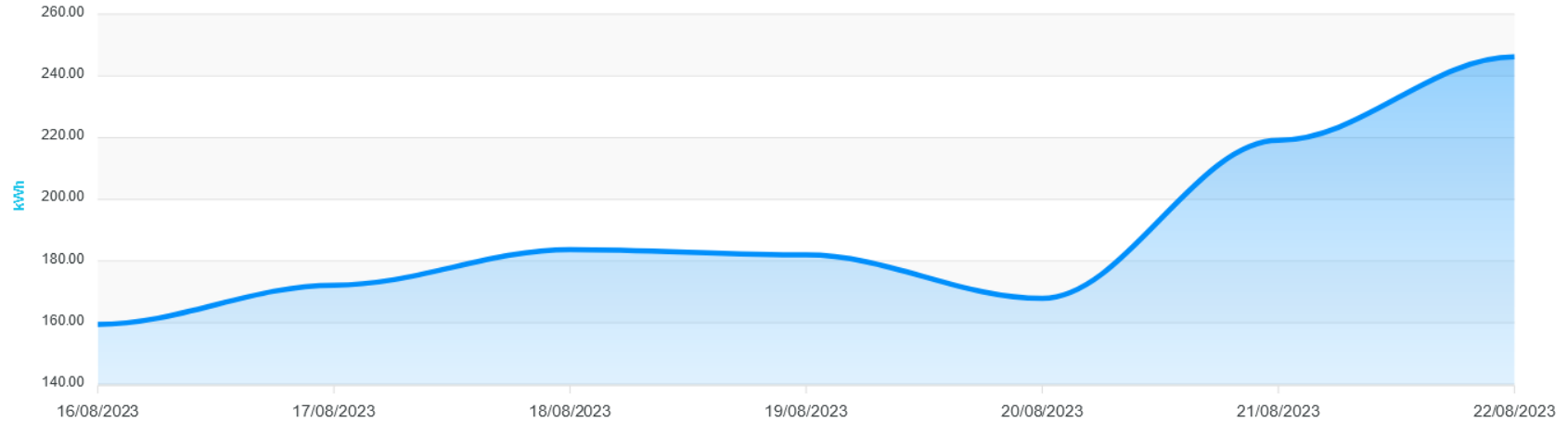
Energy Consumption

Per Day

Summary (Past 7 Days)

1,330.41 kWh

Historic Consumption (Past 7 Days)





Visualize building consumption per day (last 7 days) or per hour (previous day)

KAMA-Building

OVERVIEW

- At a Glance

DATA SOURCES

- Areas
- Available Sensors
- Sensors Data

SERVICES

- Energy Savings
- Energy Consumption**
- Energy Generation & Self Consumption
- Energy Savings
- Energy Waste
- Comfort
- Convenience
- Information
- Health & Well-Being

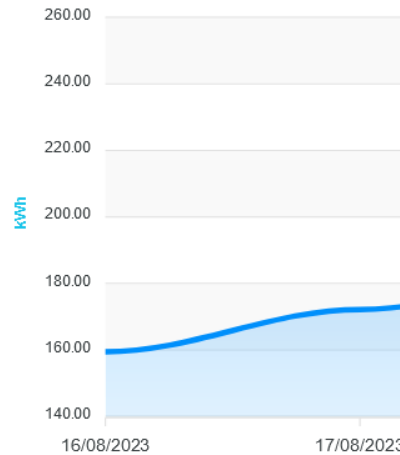
Energy Consumption

Per Day

Summary (Past 7 Days)

1,330.41 kWh

Historic Consumption (Past 7 Days)



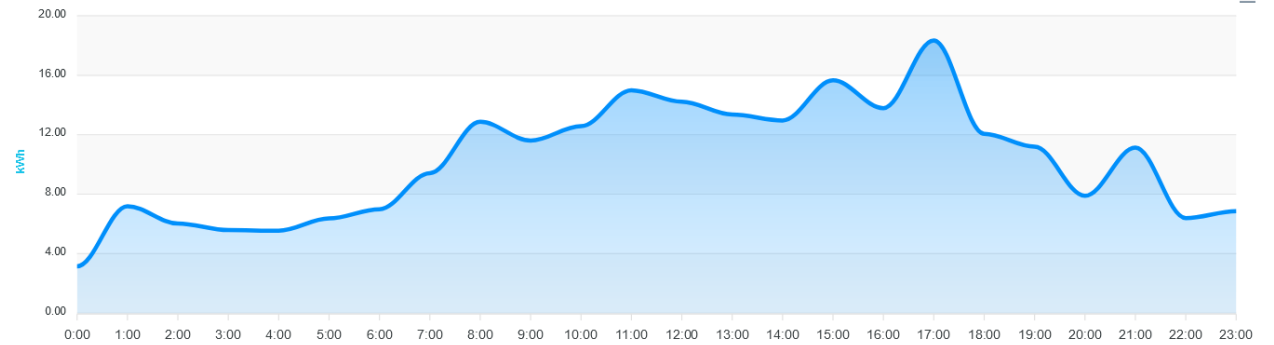
Energy Consumption

Per Hour

Summary (Yesterday)

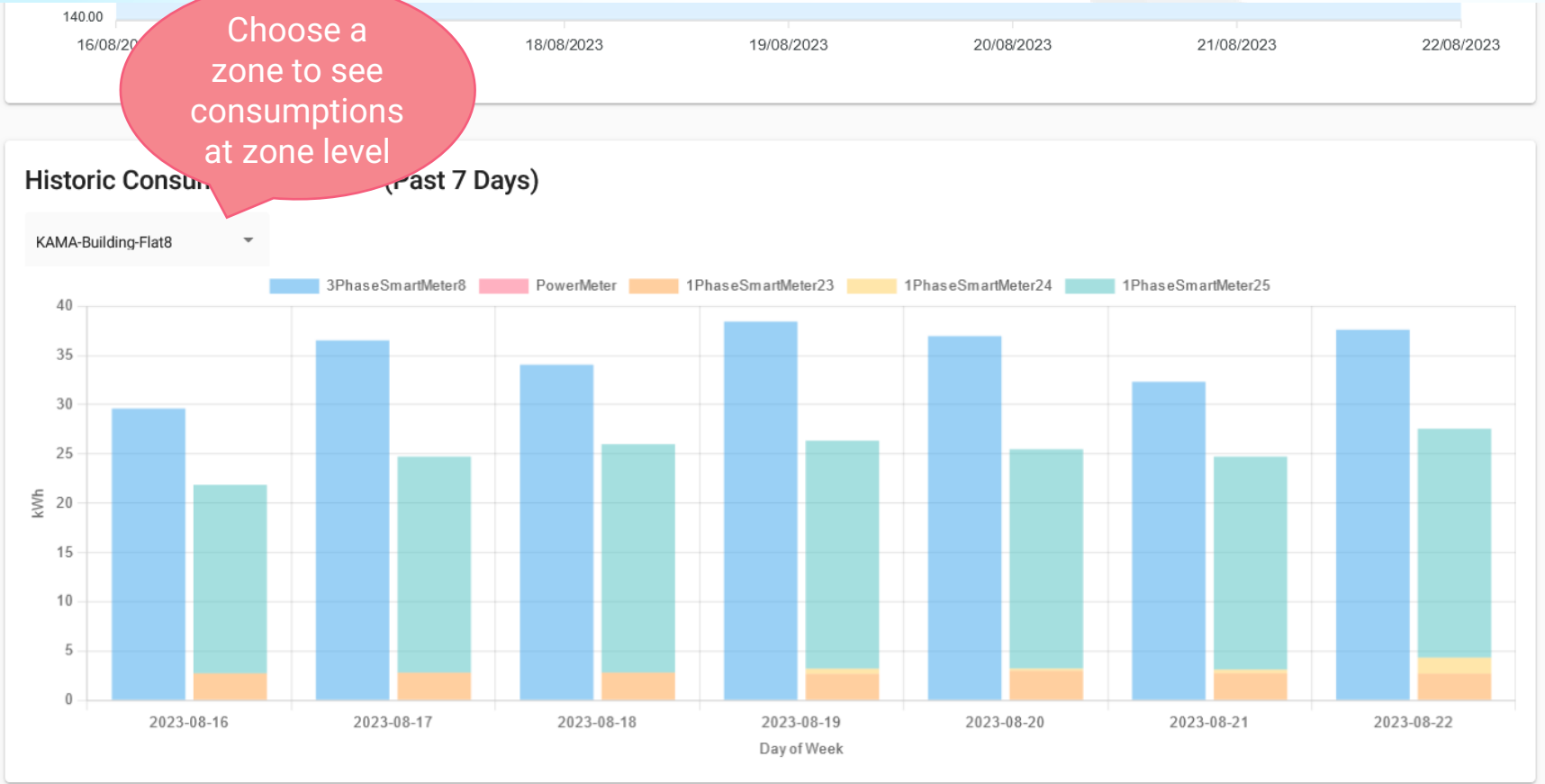
246.18 kWh

Historic Consumption (Yesterday)





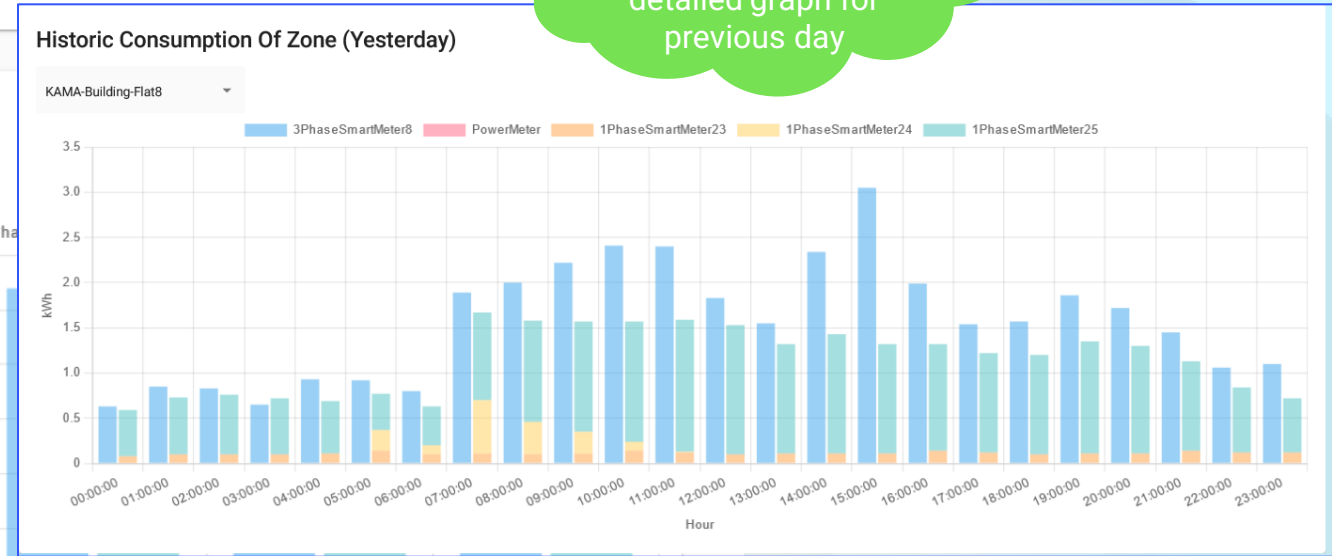
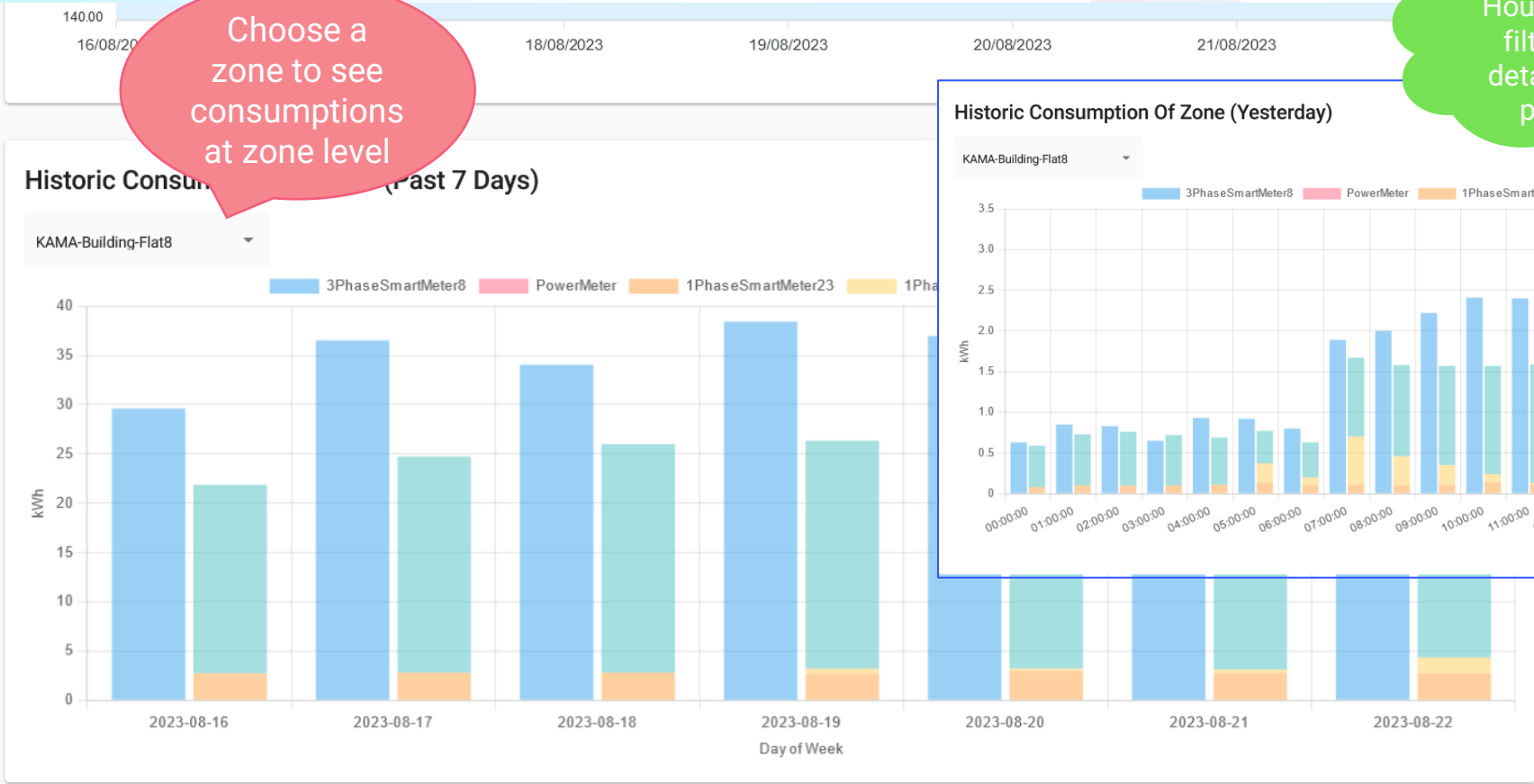
Choose a zone to see consumptions at zone level





Choose a zone to see consumptions at zone level

HINT 1!
Changing to “Per Hour” at the above filter can give a detailed graph for previous day





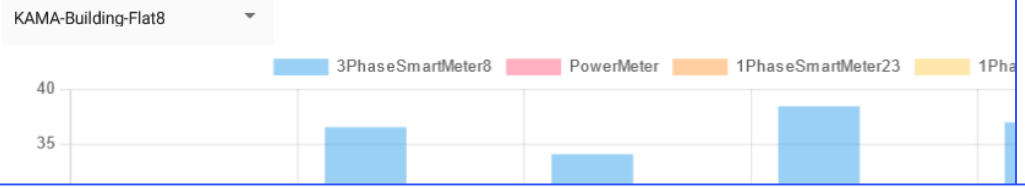
"Energy Consumption" page

Choose a zone to see consumptions at zone level

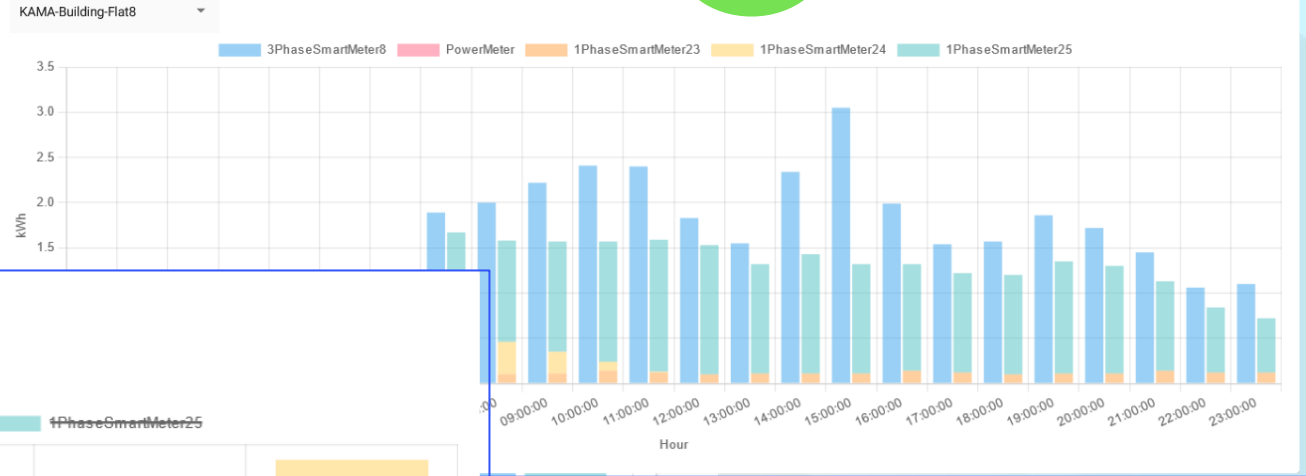
HINT 1!
Changing to "Per Hour" at the above filter can give a detailed graph for previous day

140.00
16/08/20
18/08/2023 19/08/2023 20/08/2023 21/08/2023

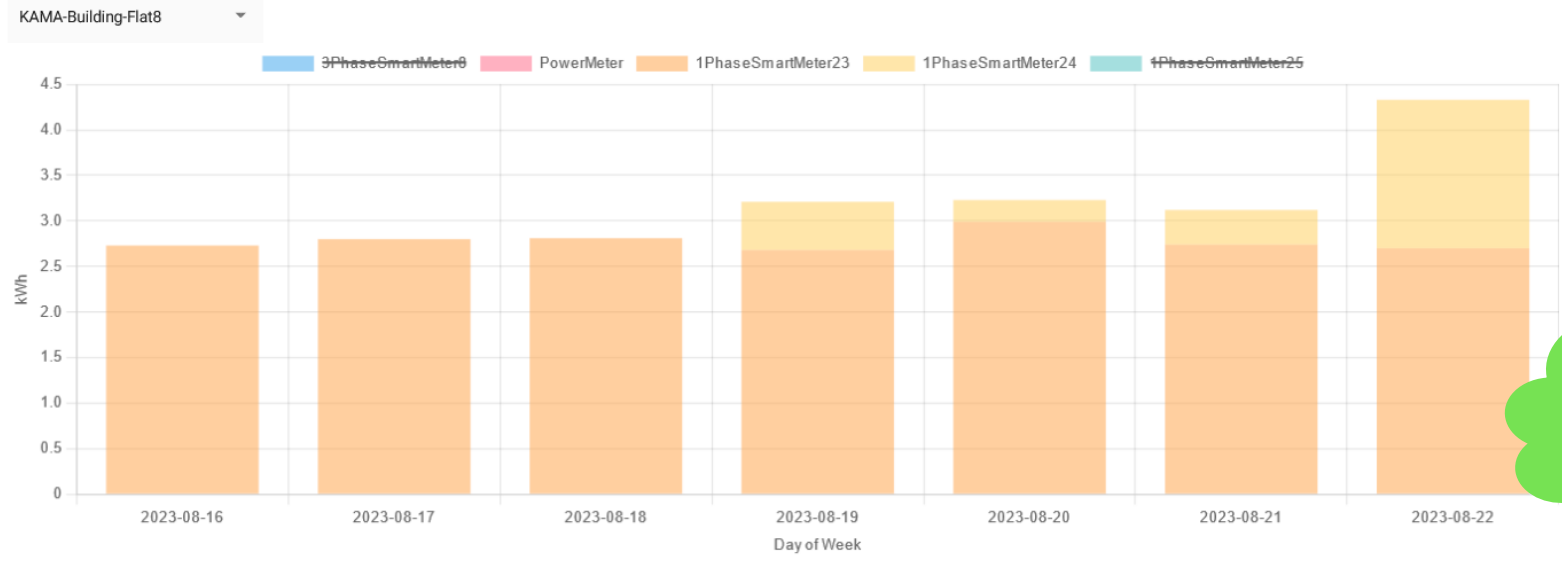
Historic Consumption (Past 7 Days)



Historic Consumption Of Zone (Yesterday)



Historic Consumption Of Zone (Past 7 Days)



HINT 2!
Choose which consumption bars you don't like to see in the graph



- At a Glance
- DATA SOURCES
- Areas
- Energy Consumption
- Energy Generation & Self Consumption
- Energy Savings
- Energy Waste
- Comfort
- Convenience
- Information
- Health & Well-Being
- Smart Readiness

Self Consumption Report

Yesterday

Self Consumption Optimization Metrics

Battery Status

Total Generation

Self-Consumption Rate

Self-Consumption Factor of total demand

HOLDING

68.7 kWh

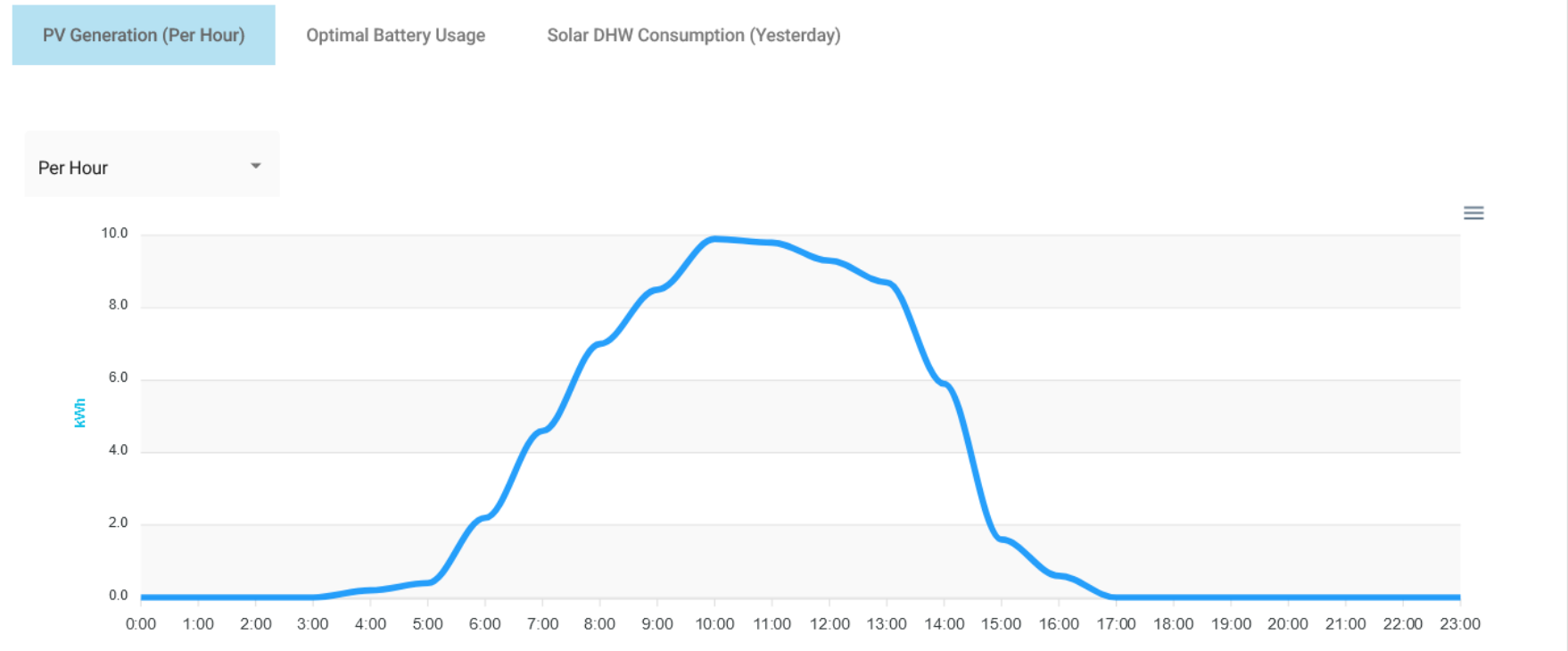
100 %

34.37 %

4.8 %

Battery State of Charge and status are available only where a battery is installed

“Total Generation” shows the total amount of energy according to the filter on the graph





- At a Glance
- DATA SOURCES
- Areas
- Energy Consumption
- Energy Generation & Self Consumption
- Energy Generation
- Energy Consumption
- Comfort
- Convenience
- Information
- Health & Well-Being
- Smart Readiness

Self Consumption Report

Yesterday

Self Consumption Optimization Metrics

Battery Status

Total Generation

68.7 kWh

Self-Consumption Rate

100 %

Self-Consumption Factor of total demand

34.37 %

HOLDING

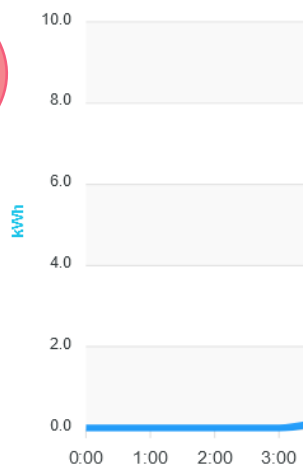
4.8 %

Battery State of Charge and status are available only where a battery is installed

“Total Generation” shows the total amount of energy according to the filter on the graph

PV Generation (Per Hour)

Per Hour



Visualize building generation per day (last 7 days) or per hour (previous day)

Self Consumption Report

Past 7 Days

Self Consumption Optimization Metrics

Battery Status

Total Generation

546.3 kWh

Self-Consumption Rate

100 %

Self-Consumption Factor of total demand

34.37 %

HOLDING

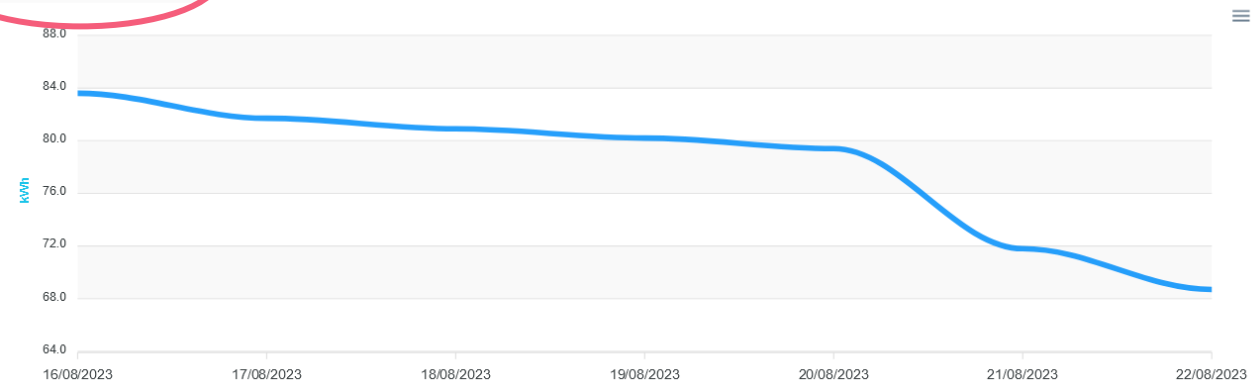
4.8 %

PV Generation (Per Day)

Optimal Battery Usage

Solar DHW Consumption (Yesterday)

Per Day





- At a Glance
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 - Energy Savings
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 - Convenience
 - Information
 - Health & Well-Being
 - Smart Readiness

Self Consumption Report

Yesterday

Total Generation
68.7 kWh

Self Consumption Optimization Metrics

Self-Consumption Rate
100 %

Self-Consumption Factor of total demand
34.37 %

Battery Status

HOLDING 
4.8 %

Choose a zone to see if there is DHW consumption data available

PV Generation (Per Hour) Optimal Battery Usage **Solar DHW Consumption (Yesterday)**

KAMA-Building-Flat8



Domestic Hot Water consumption data from solar boilers available for the KAMA demo



OVERVIEW

At a Glance

DATA SOURCES

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Sensors Data

SERVICES

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Energy Consumption

Energy Generation & Self Consumption

Energy Savings

Energy Waste

Comfort

Convenience

Information

Health & Well-Being

Smart Readiness

Self Consumption Report

Yesterday

Self Consumption Optimization Metrics

Total Generation
729.91 kWh

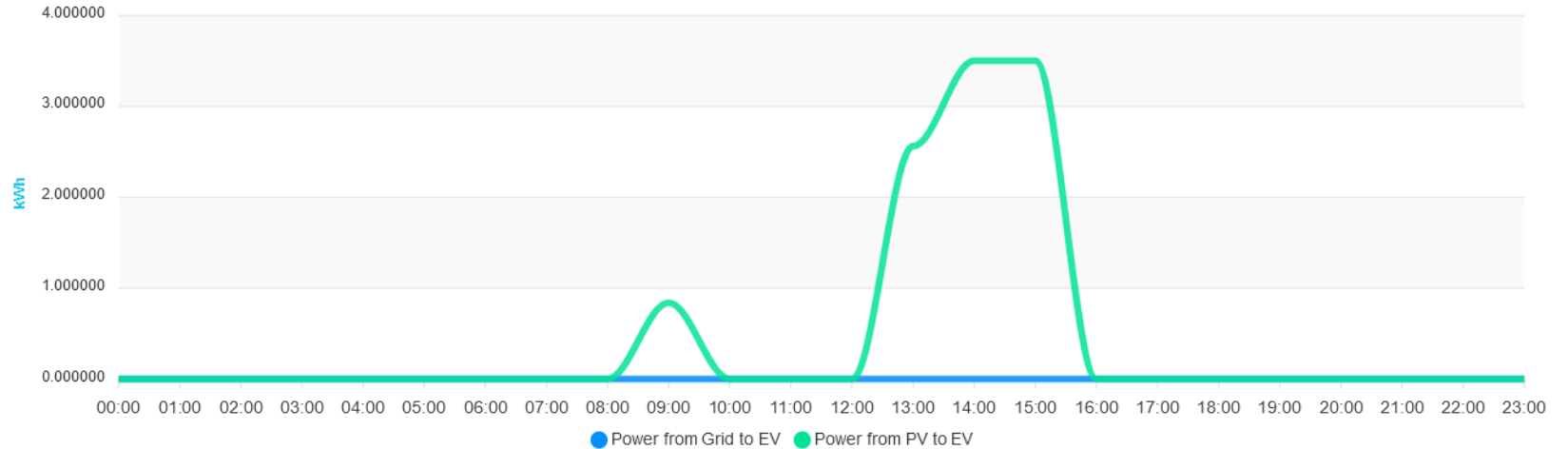
Self-Consumption Rate
78.81 %

Self-Consumption Factor of total demand
42.06 %

Optimal scheduling of EV/battery charging and estimated self-consumption metrics

PV Generation (Per Hour)

EV Consumption (Recommended Charging Schedule)





PHOENIX

“Comfort” and “Health” pages

Comfort page

Health page (CO2 concentration level)



UMU-Pleiades

OVERVIEW

At a Glance

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SERVICES

Energy Savings

Comfort

Convenience

Information

Health & Well-Being

Smart Readiness

Comfort



Thermal Comfort Status

UMU-Pleiades-BlockB-B1.1.014

Currently

Temperature

26.6 °C

Humidity

Not Authorized %

Status: Comfortable

Average Value (of last 15 days)

26.61 °C

Choose a zone to see relevant comfort info

Filters

UMU-Pleiades-BlockB-B1.1.014

UMU-Pleiades-BlockB-B1.1.015

UMU-Pleiades-BlockB-B1.1.016

UMU-Pleiades-BlockB-B1.1.017



Visual Comfort Status

UMU-Pleiades-BlockB-B1.1.014

Currently

10 LUX

Status: Uncomfortable

Average Value (of last 15 days)

5.48 LUX

HINT!


When a user doesn't have the permission to see certain data, a "Not Authorized" text is shown



Navigation bar: Home, PHOENIX, 97 ACCOUNT, LOGOUT, EN

Dropdown: KAMA-Building

Health & Well-Being



Indoor Air Quality (CO2)
KAMA-Building-Common

Currently 504 ppm	Average Value (of last 15 days) 469.22 ppm
------------------------------------	---

Status: **Comfortable**

Filters

KAMA-Building-Common

OVERVIEW

- At a Glance

DATA SOURCES

- Areas
- Available Sensors
- Sensors Data

SERVICES

- Energy Savings

Choose a zone to see relevant CO2 concentration and comfort info



PHOENIX

Smart Readiness Indicator

SRI detailed table

Devices-driven SRI values

AI-Generated SRI values



Navigate to the different tabs to see the available SRI values for the selected building

HINT 1! Detailed SRI table with values derived from a file that the building manager provides

HINT 2! The three values at the top and the overall score of the 1st building are the ones shown at the "At a Glance" page

KAMA-Building

OVERVIEW

- At a Glance

DATA SOURCES

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SERVICES

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 - Energy Generation & Self Consumption
 - Energy Savings
 - Energy Waste
- Comfort
- Convenience
- Information
- Health & Well-Being

Smart Readiness

Static Scores Devices-Driven SRI AI-Generated SRI

Overall SRI score (42%) + SRI class E							
49%	45%				32%		
Optimize energy efficiency and overall in-use performance	Adapt its operation to the needs of the occupant				Adapt to signals from the grid (energy flexibility)		
55%	43%	46%	39%	35%	59%	32%	
Energy Efficiency	Maintenance and fault prediction	Comfort	Convenience	Health, well-being and accessibility	Information to occupants	Energy flexibility and storage	
Heating	64%	50%	63%	50%	67%	67%	13%
Cooling	71%	50%	63%	50%	67%	67%	13%
Domestic Hot Water	45%	50%	0%	43%	0%	67%	18%



KAMA-Building

OVERVIEW

- At a Glance

DATA SOURCES

- Areas
- Available Sensors
- Sensors Data

SERVICES

- Energy Savings
 - Energy Consumption
 - Energy Generation & Self Consumption
 - Energy Savings
 - Energy Waste
- Comfort
- Convenience
- Information
- Health & Well-Being
- Smart Readiness

Smart Readiness

Static Scores **Devices-Driven SRI** AI-Generated SRI

Overall SRI score (17%)						
19%		15%			21%	
 Optimize energy efficiency and overall in-use performance		 Adapt its operation to the needs of the occupant			 Adapt to signals from the grid (energy flexibility)	
 Energy Efficiency	 Maintenance and fault prediction	 Comfort	 Convenience	 Health, well-being and accessibility	 Information to occupants	 Energy flexibility and storage
28%	10%	21%	17%	16%	8%	21%

Devices to Recommend

 Ventilation	 Lighting	 Electric vehicle charging	 Monitoring and control
<ul style="list-style-type: none"> Siemens Ventilation 04 	<ul style="list-style-type: none"> Siemens Lighting 02 	<ul style="list-style-type: none"> Siemens Electric vehicle 03 KAMA Electric vehicle 01 	<ul style="list-style-type: none"> Siemens Monitoring 02 Siemens Monitoring 04 Siemens Monitoring 05



☰
🏠
 PHOENIX
🔔⁹⁷ ACCOUNT 👤 LOGOUT ↗

KAMA-Building ▾

OVERVIEW

- 👁️ At a Glance

DATA SOURCES

- 📍 Areas
- 📶 Available Sensors
- 📊 Sensors Data

SERVICES

- 🔋 Energy Savings ▾
- Energy Consumption

Smart Readiness

Static Scores
Devices-Driven SRI
AI-Generated SRI

Final Score 45.3%					Last Calculation Date 2023-08-23 06:00:46			
 Heating 16.62 %	 Cooling 1 %	 Domestic Hot Water 3.17 %	 Ventilation 1.31 %	 Lighting 0.11 %	 Dynamic building envelope 8.63 %	 Electricity 1.21 %	 Electric vehicle charging 0.7 %	 Monitoring and control 12.55 %



PHOENIX

Notifications

Notifications' small window

Notifications' "Information" page



MIW-CEEIC

OVERVIEW

At a Glance

DATA SOURCES

- Areas
- Available Sensors
- Sensors Data

SERVICES

- Energy Savings
- Comfort
- Convenience
- Information
- Health & Well-Being
- Smart Readiness

At a Glance

General Information MIW-CEEIC-001

Temperature 35.6 °C

Uncomfortable

Humidity 40 %

Comfortable

CO2 420

Comfortable

Smart Readiness



43%

Energy Savings & Maintenance

35%

Comfort, Ease & Wellbeing

36%

Grid Flexibility

52%

- Use appropriate clothing to reduce the need for cooling. ★★★★★
- Try adjusting your AC to two degrees warmer than usual during summer months: difference of one degree can make an impact on comfort conditions ★★★★★
- Use appropriate clothing to reduce the need for cooling. ★★★★★

Show All

Use this button to see all the available notifications

With the bell button you can see the most recent notifications

Your unread notifications

No. of Areas 1

EPC Zone Select a Zone of the Building



☰
🏠
 PHOENIX

 97
ACCOUNT
LOGOUT
EN

KAMA-Building

OVERVIEW

- At a Glance

DATA SOURCES

- Areas
- Available Sensors
- Sensors Data

SERVICES

- Energy Savings
- Energy Consumption
- Energy Generation & Self Consumption
- Energy Savings
- Energy Waste
- Comfort
- Convenience
- Information

Information

Notifications

All Types

- Comfort
- flexibility
- Self Consumption
- blackout

21/08 3:00

...difference of one degree can make an impact on comfort conditions

KAMA-Building-Flat8

20/08 3:00

COOLING ALERT

Use appropriate clothing to reduce the need for cooling.

☆☆☆☆☆

KAMA-Building-Flat8

17/08 3:00

COOLING ALERT

Open / close windows and doors where relevant to reduce the need for cooling and to provide a comfort environment

☆☆☆☆☆

KAMA-Building-Flat8

16/08 3:00

COOLING ALERT

Don't leave windows open when cooling the room

☆☆☆☆☆

You can filter the notifications based on their type

You can rate a notification or set it as “read” by clicking on the red star



PHOENIX

Manager Extra Features

Flexibility Devices Configuration

Uploading of an SRI file

Devices Maintenance Monitoring

Activation of Blackout Service



Flexibility Devices' Settings update

OVERVIEW

- At a Glance


DATA SOURCES

- Areas
- Available Sensors
- Sensors Data

SERVICES

- Energy Savings ^
- Maintenance and fault prediction
- Demand Flexibility**
- Convenience
- Information
- Smart Readiness

urn:ngsi-Id:Device:KAMA-Building-Flat1-SmartPlug1-InputSta



Shiftable

Controllable

Time Window

0:00

23:59

0.4

0.5

0.6

0.7


0.8

0.9

1

Save Changes

urn:ngsi-Id:Device:KAMA-Building-Flat2-SmartPlug2-



Shiftable

Controllable

Time Window


0:00

23:59

1

Save Changes

urn:ngsi-Id:Device:KAMA-Building-Flat3-SmartPlug3-InputStatus



Shiftable

Controllable

Controllability Factor

1

Save Changes

The flexibility type of a device can be changed to "Shiftable", "Controllable" or both. Just click on the types you want!

You can also choose a different time window. If you want the window to close at the end of the day you should choose the last option.

You can choose a different value also for Controllability Factor. With 0.1 to be the lowest level of controllability.

When you are ready save your changes!

HINT!
The values shown at the beginning, are the ones currently set at the Phoenix platform



KAMA-Building

OVERVIEW

At a Glance

DATA SOURCES

Areas

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Sensors Data

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Maintenance and fault prediction

Demand Flexibility

Convenience

Information

Smart Readiness

Smart Readiness

Choose a different building to upload another file

Devices-Driven SRI AI-Generated SRI

Overall SRI score (42%) + SRI class E							
	49%	45%				32%	
	Optimize energy efficiency and overall in-use performance	Adapt its operation to the needs of the occupant				Adapt to signals from the grid (energy flexibility)	
	55%	43%	46%	39%	35%	59%	32%
	Energy Efficiency	Maintenance and fault prediction	Comfort	Convenience	Health, well-being and accessibility	Information to occupants	Energy flexibility and storage
	64%	50%	63%	50%	67%	67%	13%
	71%	50%	63%	50%	67%	67%	13%

The manager can upload an SRI file using this button

Upload Excel File



☰ Home PHOENIX

🔔 700 ACCOUNT 👤 LOGOUT [↔] EN ▾

UMU-Pleiades ▾

OVERVIEW

- 👁 At a Glance





DATA SOURCES

- 📍 Areas
- 📶 Available Sensors
- 📊 Sensors Data

SERVICES

- 🔋 Energy Savings ^
- 🔧 Maintenance and fault prediction
- ↔ Demand Flexibility
- 👍 Convenience
- 📄 Information
- 🔄 Smart Readiness

Maintenance and fault prediction

UMU-Pool-Parking-Inverter-2000458045	24/08 4:01
 Info: Normal operation of the device. No operating anomalies have been detected.	
UMU-Pool-Parking-Inverter-2000219910	24/08 4:01
 Info: Normal operation of the device. No operating anomalies have been detected.	
UMU-Pool-Parking-Inverter-2000457922	24/08 4:01
 Info: Normal operation of the device. No operating anomalies have been detected.	
UMU-Pool-Parking-Inverter-2000355393	24/08 4:01
 Info: Normal operation of the device. No operating anomalies have been detected.	



The color of the messages changes according to the devices' status

PHOENIX

700 ACCOUNT LOGOUT EN

UMU-Pleiades

Maintenance and fault prediction

UMU-Pool-Parking-Inverter-200045804	Info: Normal operation of the de	23/08 4:01
UMU-Pool-Parking-Inverter-200045769	Info: Normal operation of the device. No operating anomalies have been detected.	23/08 4:01
UMU-Pool-Parking-Inverter-200021991	Alert: This device has communication problems. No data reported.	23/08 4:01
UMU-Pool-Parking-Inverter-200045792	Info: Normal operation of the de	23/08 4:01
UMU-Pool-Parking-Inverter-2000457824	Info: Normal operation of the device. No operating anomalies have been detected.	23/08 4:01
UMU-Pool-Parking-Inverter-200035539	Alert: This device has communication problems. No data reported.	23/08 4:01
UMU-Pool-Parking-Inverter-2000457836	Info: Normal operation of the device. No operating anomalies have been detected.	23/08 4:01

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KAMA-Building

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At a Glance

Smart Readiness

SRI

42%

Energy Savings & Maintenance

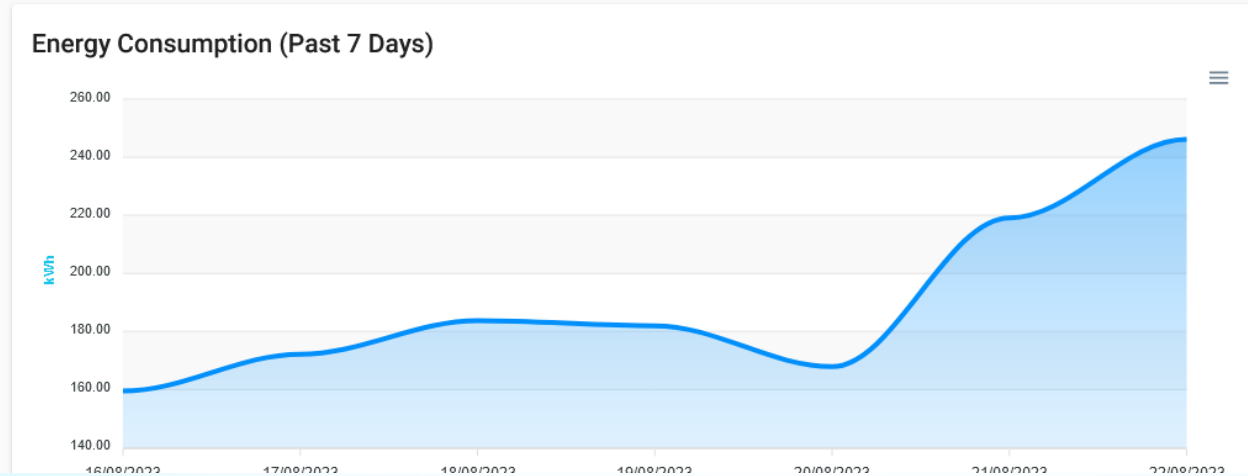
49%

Comfort, Ease & Wellbeing

45%

Grid Flexibility

32%



Building Identity

Building Name	KAMA-Building
Location	Thessaloniki
No. of Areas	9

EPC

Zone

Select a...

Blackout Service

Enable this service if a blackout is imminent.

Activate Service

The manager can trigger the blackout support service, one day before it is expected to happen



PHOENIX

Adapt & Play Holistic Cost Effective and user-friendly Innovations
with high replicability to upgrade smartness of existing buildings with legacy equipment

Thank you!

If you have any further question or you need assistance, contact:

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