



WiseCORP

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Introduction

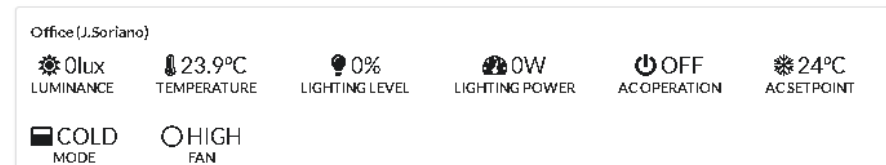
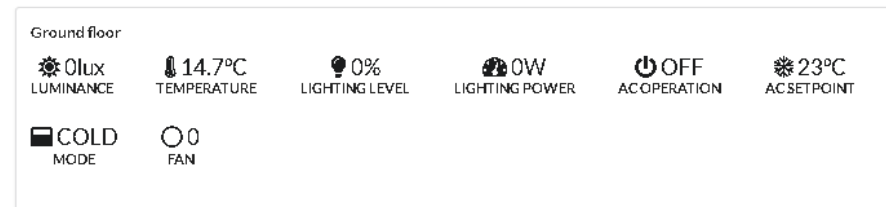
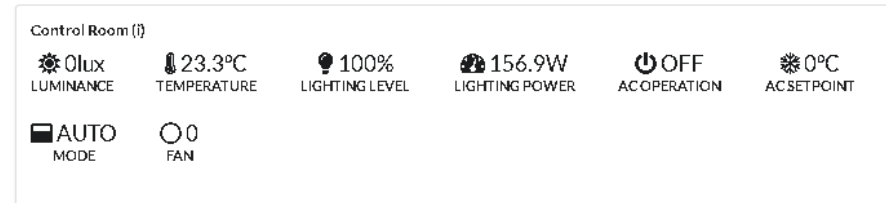
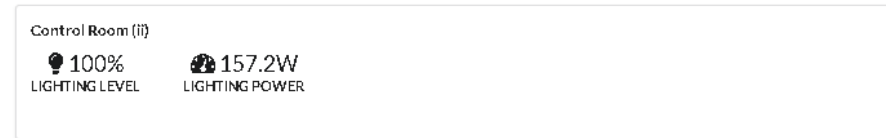
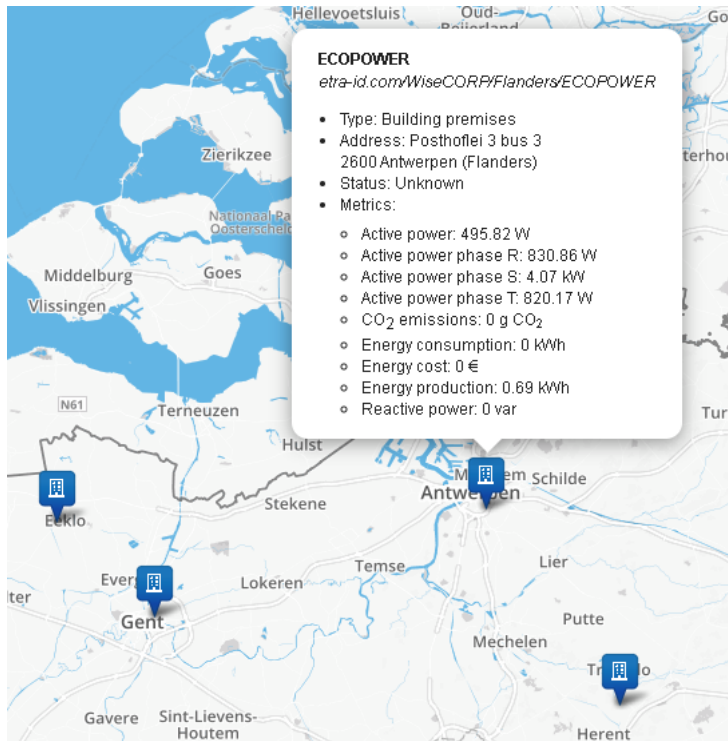
- Corporate application for **businesses, industries, ESCOs, and public facilities** consumers and prosumers.
- Aims to support them in becoming **active, smarter energy players**, giving them more power and protection by:
 - enabling **energy usage monitoring and analysis**,
 - supporting **self-consumption** by means of real time data coming from all their energy devices and systems,
 - providing information in order to help **reduce energy costs and environmental impact**, and
 - by means of **demand response and load optimization** schemas.





Main features

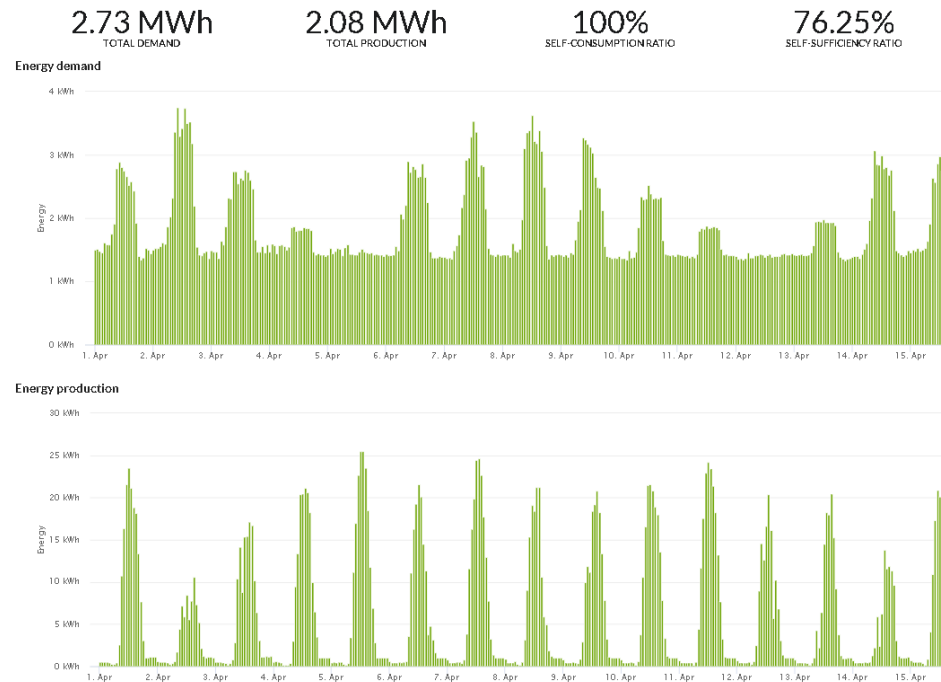
- Integration with **sensors, meters, and controllable devices** deployed in the building.
- Interoperability with **different models and vendors**.





Main features

- **Detailed visualization** of energy demand and production at different areas of the building, helping facility managers to identify opportunities for enhancing energy efficiency.

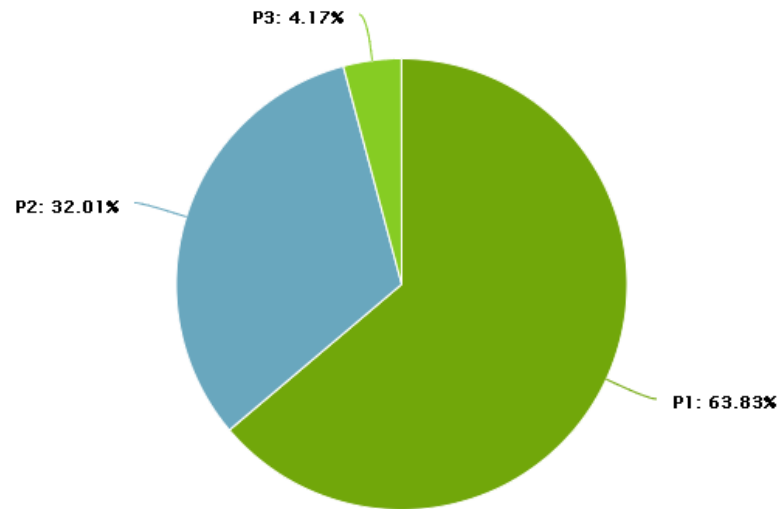




Main features

- **Energy tariff comparison**, enabling a direct economic cost reduction by shifting to a more adequate tariff.

Energy consumption by period



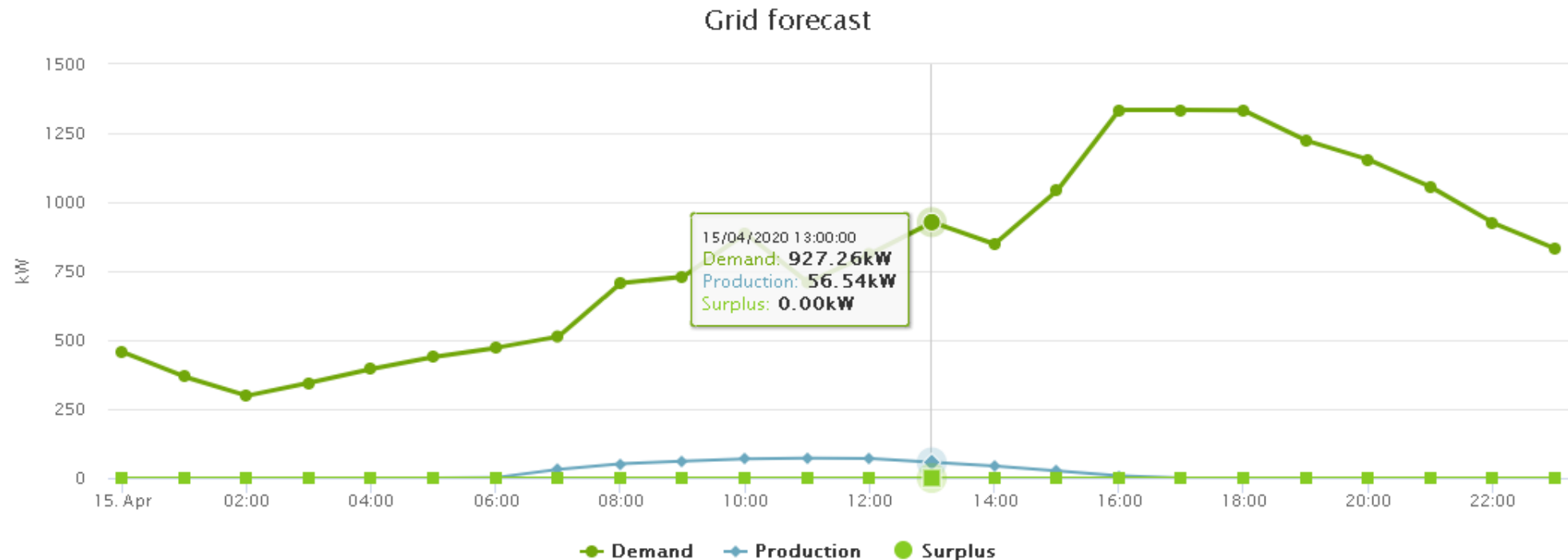
Optimization settings	Measured values	
HEDNO Mesogia building Optimization		
February 2020		
2 entities involved		
Request date: 11/03/2020 13:08		
Status: Completed		
	Peak active power (kW)	8.61
	Consumption (kWh)	3,143.28
	Wholesale market energy cost (€)	1532.05

Recommended energy plans		Cost (€)	
Energy plan name	Company	Global	Energy
1 Electricity business 1 fixed	-	457.35	456.03
2 G23	-	479.36	478.6
3 G21 flat	-	572.67	571.35



Main features

- Energy **demand and production forecasts**, enabling medium to long term cost estimations and supporting operative decisions about the usage of the facilities.





Main features

- Demand flexibility estimation by means of **optimization of the schedule of controllable assets**, allowing the execution of algorithms that shift demand in order to minimize economic costs or environmental impact.

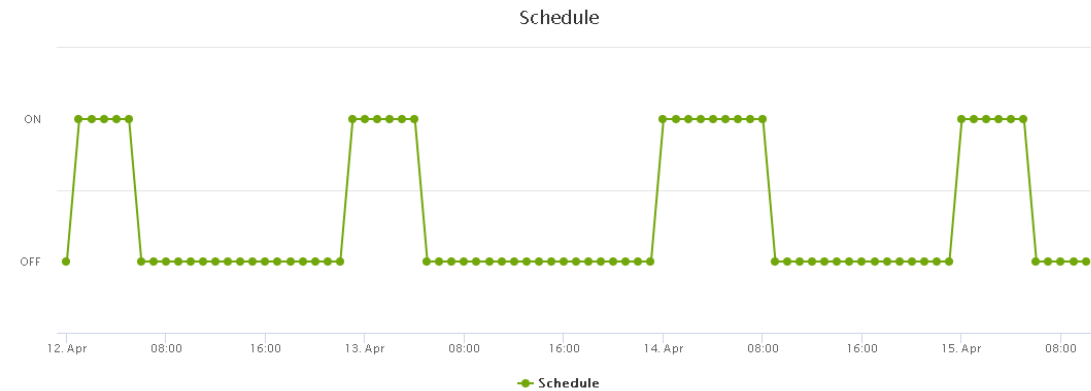
Control Room (1)-AC

Schedule

Operation	Mode	Setpoint (°C)
ON	Fan	24

Post-schedule

Operation	Mode	Setpoint (°C)
OFF	Fan	24





Pilot sites

- 2 buildings
- Controllable HVAC & lighting
- Ampere batteries



Flanders – Belgium

- 4 buildings
- CHP
- Desalination plant



4 buildings
(2 with PV production)



Terni – Italy



Crevillent – Spain



ASM Headquarters



Mesogia & Kythnos – Greece





wise@grid

Demo

Thank you!



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