

# Technical projects, Environment and Energy Sector

**01** | Platform for remote management of electrical appliances and power consumption in public buildings

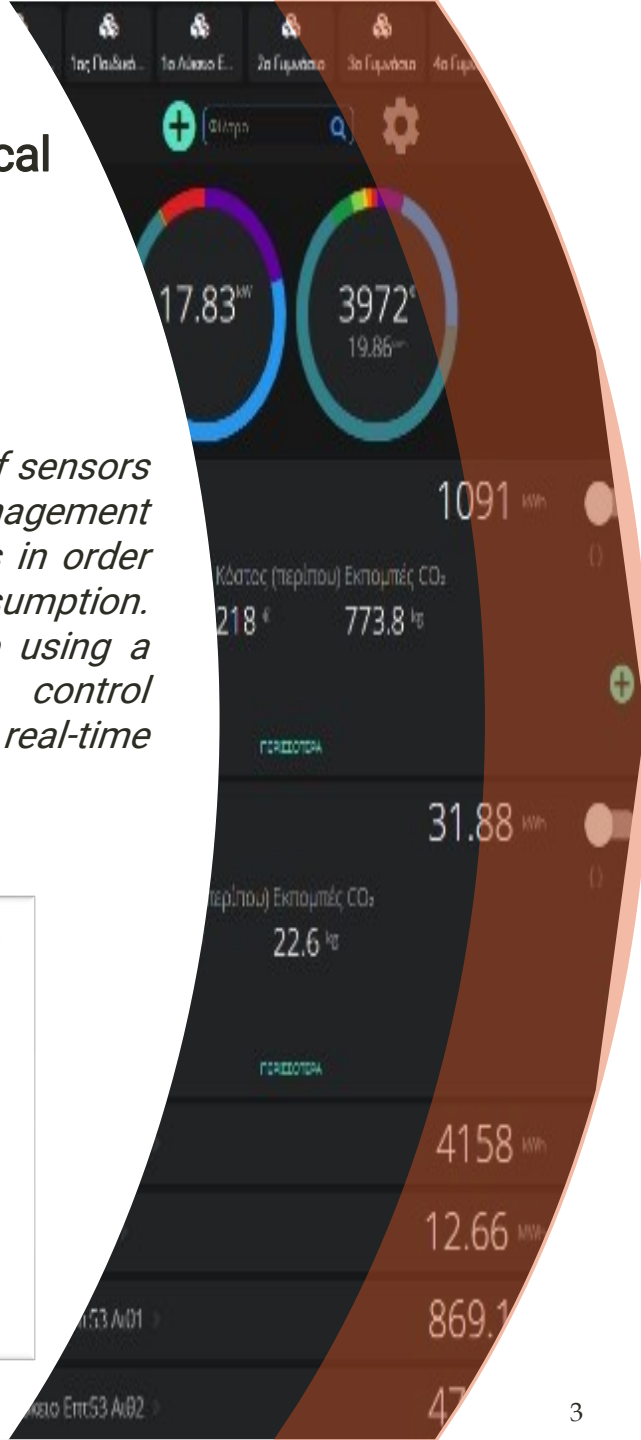
**02** | Management and monitoring application of electricity costs from all the utilities of a municipality

**03** | Management and preview app for progress of technical projects and technical schedule

**04** | Environmental and meteorological data monitoring app to inform citizens about extreme events

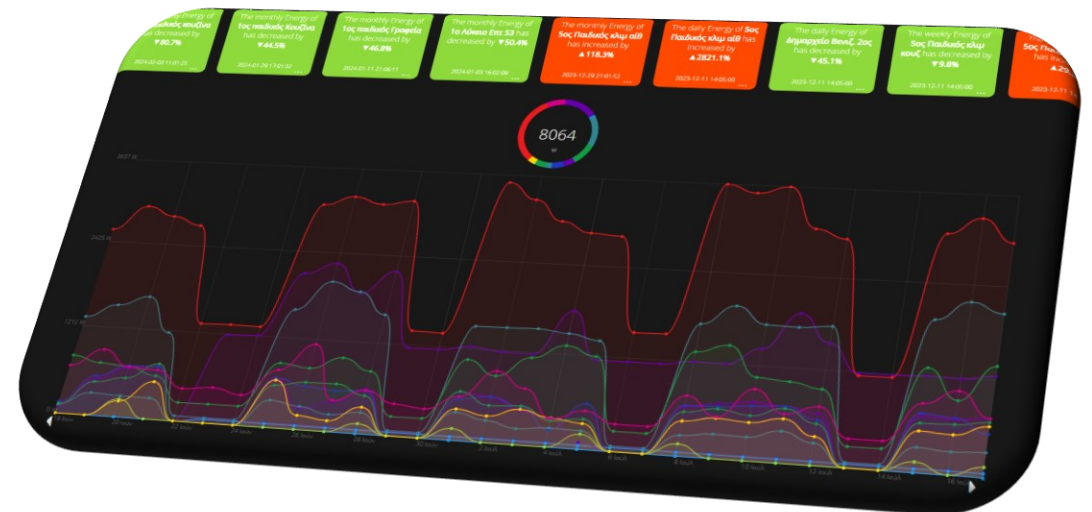
# 01 Platform for remote management of electrical appliances and power consumption in public buildings

*The solution involves the installation of sensors for the measurement and remote management of electricity consumption in buildings in order to reduce unnecessary electricity consumption. Monitoring and management is done using a web-based platform with remote control (on/off), statistical reports and real-time information on electricity consumption.*



Through the system of remote management and monitoring of energy consumption we have:

- Remote control of the operation of electrical circuits
- Scheduling of their operation
- Real-time monitoring of power and electricity consumption
- Setting operating rules
- Notification in the event of faults



## 02 Management and Monitoring application of electricity costs from all the utilities of a municipality

*IANOSeNERGY electricity cost management and monitoring app is the ultimate intelligent electricity cost monitoring and management system of the Municipality.*

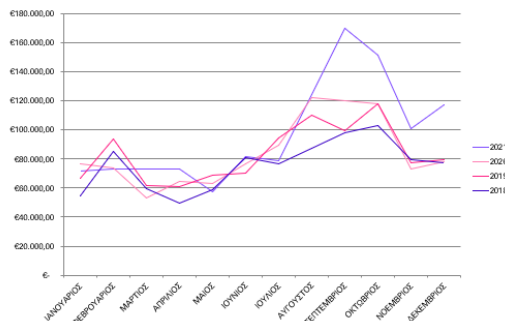
*The tool that will be the principle and guide for cutting down electricity costs.*



### Ανάλυση ανά τύπο τιμολογίου



### Σύγκριση καταναλώσεων



- ✓ Detailed statement of bills in an editable digital format
- ✓ Analysis of energy consumption by cost
- ✓ Easy detection of inactive electricity supplies
- ✓ Easy monitoring of high unexpected consumption
- ✓ Prompt detection of potential problems
- ✓ Notification of new and inactive connections
- ✓ Energy footprint of the municipality
- ✓ Display of all counters, etc. on a cartographic background.
- ✓ Statistics and comparative data on consumption and payments
- ✓ Mobile app for managing maintenance of electrical installations
- ✓ Assignment orders to municipal staff for electrical work
- ✓ Monitoring of damages and field work related to light bulbs

# 03 Management and preview app for progress of technical projects and technical schedule

*It offers to the executives of the Municipality all the necessary information to monitor the execution of the budget and the Technical Programme through a dynamic environment, where the information is presented in an appropriate way (pies, charts, etc.) to facilitate decision-making.*

*Also, a tool for transparency regarding the actions implemented by the Municipality, as it enables their visualization through an interactive map and informative graphs. Supports real-time monitoring of actions (projects, studies, supplies, services) both in terms of their status and financial data.*

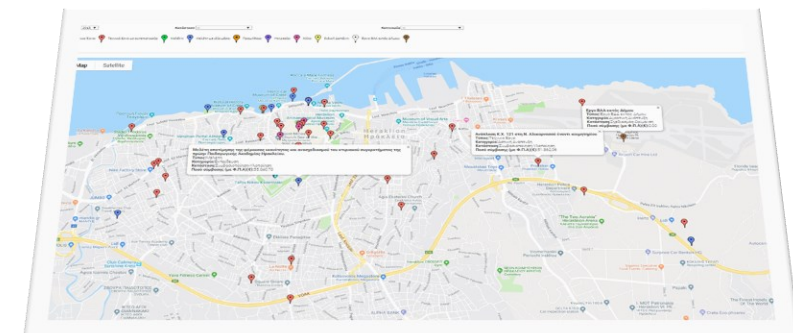
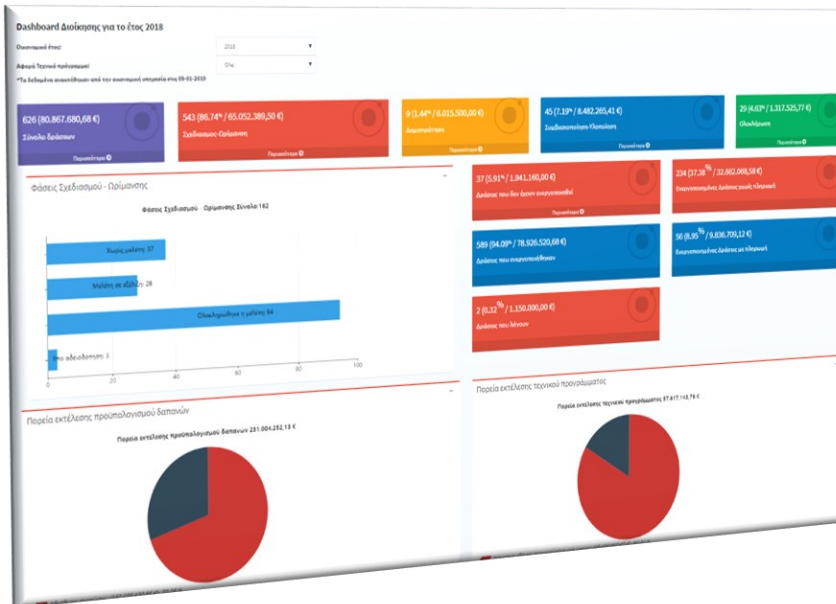


The Administration dashboard includes:

- ✓ Technical projects programming elements
- ✓ Revenue and Expense data
- ✓ Statistics and reports on technical projects programming execution for decision making

The Application includes.:

- ✓ Built-in template documents for each stage of actions
- ✓ Πληροφόρηση για τη συνοπτική εκτέλεση του προϋπολογισμού εσόδων και εξόδων
- ✓ Financial situation by Technical Programme action
- ✓ Detailed statement of total costs - invoices
- ✓ Action Charter



# 04 Environmental and meteorological data monitoring app to inform citizens about extreme events

- ✓ Installation of environmental & meteorological stations
- ✓ Interface with open data platform
- ✓ Calculation of UV, Humidity, Humidity, Vapor and Air Quality indicators
- ✓ Alerts settings Citizen briefing via push notifications

*Intelligent system for Monitoring & Management of Environmental and Meteorological data to improve the quality of life of vulnerable groups and the whole population.*

It is based on two pillars:

- **Data collection and management apps** (Web application for Municipality staff, Mobile application for citizens' mobile devices, Visual analytics subsystem for advanced analysis/comparison & visualization of data)
- **Field Equipment** (Environmental sensors equipment that monitor atmospheric and environmental data as well as noise data, meteorological and atmospheric parameters recording unit)





# Thank you!



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