

Clients



Industrial Energy Audit

Level of satisfaction of the industrial energy audit clients, carried out by Quartz Matrix in 2019 (ANRE survey)

9.51

Authorizations and certifications

- | **Energy auditor** - ANRE authorized legal entity class II complex no. 83/2014 (2017)
- | **4 energy auditors authorized by ANRE**
- | **Energy engineers authorized** as IIA, IIB or IIIB electricians
- | **59/2018 ANRE** Authorized as a company providing industrial energy services
- | **2 Energy managers** – ANRE 983/2019 and 749/2015 (2018)
- | **Project Management Certification**
- | **ANRE authorization** for designing and execution of outdoor/ indoor electrical installations for premises/ civil and industrial buildings, branching at rated voltages of 0.4 kV
- | **Member of SIEAR** – Romanian Electrical Installations and Automation Society from 2011

Quartz Matrix

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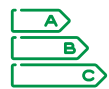


Quartz Matrix company offers energy audit and balance services for industrial clients located in all regions of Romania that are subject to the energy efficiency law no. 121/2004, completed by GD 160/2016 passed by the Romanian Parliament.

- 1 Analyzing the energy contour**
We focus on the areas with potential of streamlining and cost reduction.
- 2 Identifying the main energy types used**
Electricity, methane gas, compressed air, water, steam, etc.
- 3 Detailed inspection of all the audited installations**
We identify the technical features and establish the equipment's degree of wear.
- 4 Collecting specific data**
We establish the schemes and measuring points where the measuring instruments will be installed.
- 5 Measuring energy in key points**
We identify the most effective technical solutions for energy consumption reduction.
- 6 Measures and actions plan**
Detailed presentation of the suggested technical measures for energy modernization.



Benefit from a clear image of energy efficiency on energy segments (electric, thermal, compressed air) for the company's internal processes



Identify the main opportunities of consumption reduction, the technologies and equipment for implementing these measures



Find out if there are wastages on input, production and consumption areas

Economically substantiate the categories of measures based on the estimated effects and return of investment time



Thermal energy audit

Compressed air audit

Energy complex audit

Electricity audit

Identify the energy performance improvement measures



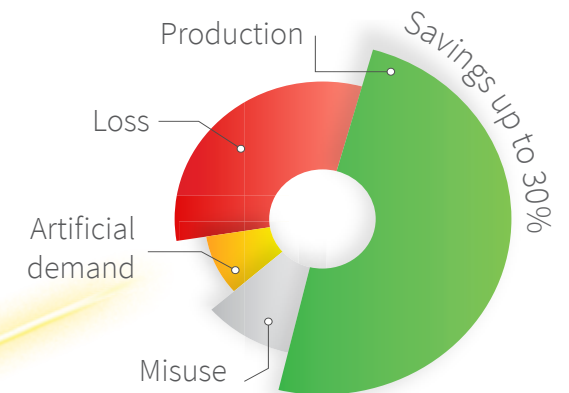
Quantify the costs with energy economy



13 years
Experience

300+
Conducted audits

2000+
Clients



There is more after the audit.
We deploy energy efficiency projects.

Technical feasibility studies | Designing | Equipment delivery | Industrial software | Deployment | Commissioning | Warranty | Maintenance

What we provide following the industrial energy audit

- | | |
|--|---|
| <ul style="list-style-type: none"> Audit report Consumption and loss charts List of malfunctioning equipment and problem areas Identification of energy low performant machinery and equipment | <ul style="list-style-type: none"> Synthesis of the analysis report with the main energy characteristics attesting the current energy performance of the audited installation Measures and actions plan to increase energy efficiency Economic analysis of the suggested technical measures Deployment cost and the amortization period of the energy modernization solutions |
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