

Evidence for THE Impact Rankings Questionnaire

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Cyprus International University (CIU) actively bridges the gap between academic expertise and industrial application to accelerate the clean energy transition in Northern Cyprus. CIU provide local businesses with direct, actionable services—including energy audits, feasibility studies, and technical implementation support—to enhance their energy efficiency and integrate renewable energy solutions, reducing their operational costs and environmental footprint.

Energy Efficiency Services for Local Industry:

Flagship Project: Levent Brick Factory Solar PV Integration

Service Provided: CIU conducted a comprehensive on-site load analysis and energy assessment for Levent Brick Factory, a significant local manufacturer.

Customized Solution: Based on the analysis, our team designed and oversaw the installation of a 650kW rooftop solar PV system.

Impact:

- **Clean Energy Generation:** The system directly displaces grid-based fossil fuel electricity with clean, on-site solar power.
- **Cost Reduction:** Significantly lowers the factory's long-term operational energy costs.
- **Emissions Mitigation:** Contributes to the decarbonization of the local industrial sector.

For Levent Brick Factory, load analysis is carried out and a 650kW solar PV system is installed on the roof of the factory according to this analysis. These installations can be seen below:





Our Broader Service Framework for Local Industry

The Levent Brick Factory project is a key implementation of our broader service strategy, which includes:

- **Industrial Energy Efficiency Audits:** We offer diagnostic services to identify energy waste in industrial processes, HVAC systems, and lighting, providing tailored recommendations for improvement.
- **Renewable Energy Feasibility Studies:** Our experts assess the technical and economic viability of integrating solar, wind, or other renewable technologies into industrial operations.
- **Workshops and Training:** We host specialized workshops for local business owners and engineers on topics such as energy management, sustainable practices, and the operational benefits of clean energy.
- **Research Partnerships:** We collaborate with industries on applied research projects to develop and test innovative clean energy technologies suited to the regional context.

By offering these direct services, CIU acts as a catalyst for sustainable economic growth. We empower local industries to become more competitive and resilient through reduced energy costs and improved environmental performance.