A Ukrainian company specializing in innovative energy-saving technologies for the hospitality industry is seeking partners to implement and test their advanced energy management system.

Summary

Profile type	Company's country	POD reference
Business Offer	**Ukraine**	**BOUA20250322001**
Profile status	**Type of partnership**	**Targeted countries**
PUBLISHED	**Commercial agreement**	**• World**
Contact Person	**Term of validity**	**Last update**
Enrico FRANZIN	**22 Mar 2025** **22 Mar 2026**	**22 Mar 2025**

General Information

Short summary

A Ukrainian company specializing in innovative energy-saving technologies for the hospitality industry is seeking partners to implement and test their advanced energy management system. The company is looking for hotels, hotel chains, and property management firms interested in piloting this cutting-edge technology.

Full description

A Ukrainian company specializing in energy-saving technologies for the hospitality sector has developed an advanced energy management system designed to optimize heating, ventilation, and air conditioning (HVAC) in hotel rooms. The system is based on a patented autonomous thermostat control technology that dynamically adjusts energy consumption based on real-time occupancy data. Unlike traditional systems, it operates without wired connections to the hotel's existing network, making installation quick and cost-effective.

The core of the technology is a combination of wireless temperature sensors, occupancy detection, and AI-driven algorithms that analyze room usage patterns. When a guest enters the room, the system ensures optimal comfort levels, adjusting heating or cooling as needed. When the room is vacant, energy use is minimized automatically, preventing unnecessary consumption. This approach allows hotels to achieve energy savings of up to 40% while maintaining a high standard of guest comfort.

The company is seeking partnerships with hotels, hotel chains, and property management firms interested in piloting this innovative solution. Selected partners will have the opportunity to implement and test the system in their facilities, benefiting from reduced utility expenses, lower carbon emissions, and improved sustainability credentials. The collaboration will include installation, real-time performance monitoring, and data analysis to fine-tune the system for maximum efficiency.

This partnership offers hospitality businesses a cost-effective, plug-and-play energy-saving solution that requires no modifications to existing HVAC systems. By adopting this technology, hotels can position themselves as industry leaders in sustainable operations while significantly improving energy efficiency. The company is open to discussing customization options to meet specific facility requirements and ensure seamless integration.

Advantages and innovations

Up to 40% Energy Savings – The system intelligently optimizes HVAC usage based on real-time room occupancy, significantly reducing unnecessary energy consumption.
Autonomous Wireless Operation – Unlike traditional energy management solutions, this technology operates without requiring wired connections to the hotel's existing infrastructure, making installation quick and non-disruptive.
AI-Driven Optimization – The system uses smart algorithms to analyze room usage patterns, ensuring maximum efficiency while maintaining guest comfort.
No Need for Guest Interaction – Fully automated control means guests do not need to adjust settings manually, enhancing their experience.
Sustainable and Cost-Effective – Reduces carbon footprint and operational costs, helping hotels meet sustainability goals with minimal investment.
Plug-and-Play Integration – Can be implemented without modifying existing HVAC systems, making it a seamless and scalable solution for hotels of any size.

Technical specification or expertise sought

Stage of development

Sustainable Development goals

- **Not relevant**

IPR Status

IPR Notes

Partner Sought

Expected role of the partner

The company is looking for hotels, hospitality businesses, and facility managers willing to implement and test the innovative energy management system as a pilot project. Ideal partners should:

- Provide real-world testing environments to evaluate the system's efficiency in reducing energy consumption.
- Offer feedback and performance data to support further optimization and scaling of the technology.
- Collaborate in case studies and promotional activities showcasing the benefits of the solution.
- Potentially explore long-term adoption of the system after successful testing.

Partners will gain early access to cutting-edge energy-saving technology, benefiting from reduced operational costs and improved sustainability practices.

Type of partnership

Commercial agreement

Type and size of the partner

- **SME 50 - 249**
- **SME 11-49**

Dissemination

Technology keywords

Market keywords

- **06003006 - Combined heat and power (co-generation)**
- **06006003 - Heat recovery**

Targeted countries

- **World**

Sector groups involved