

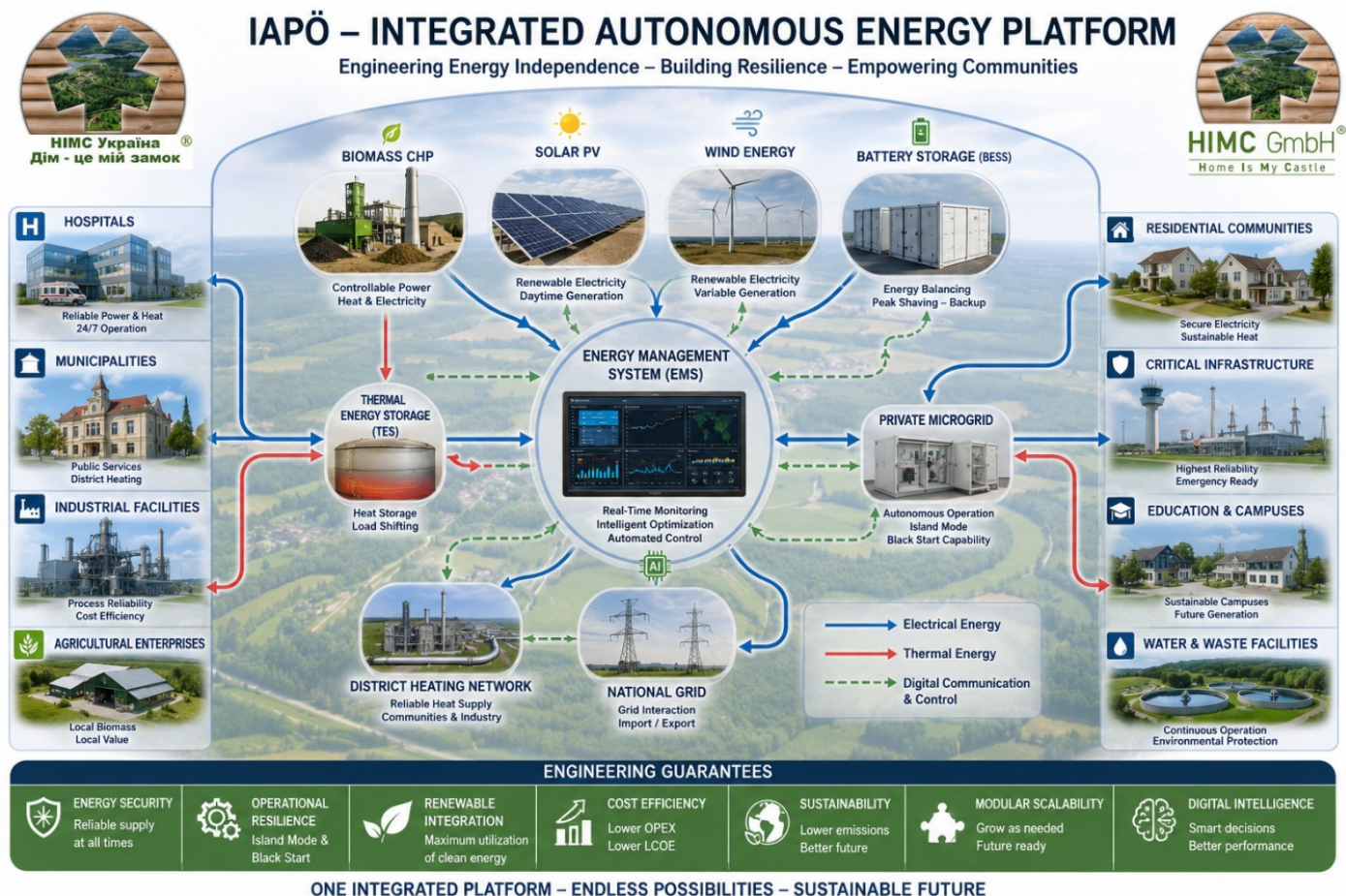


HIMC Home is my Castle GmbH



HIMC Strategic Engineering Framework Management Summary

Engineering Energy Independence – Building Resilience
– Empowering Communities



HIMC GmbH
Austria | Ukraine
Engineering Autonomous Energy Systems

HIMC EXECUTIVE BRIEF

Engineering Autonomous Energy Systems for the Sustainable Reconstruction of Ukraine

Executive Overview

Engineering the Next Generation of Ukraine's Energy Infrastructure

Ukraine is facing one of the most significant infrastructure reconstruction efforts in modern European history. Beyond rebuilding damaged buildings, industrial facilities and public infrastructure, the country has the unique opportunity to fundamentally redesign its energy system for the decades ahead.

Rather than restoring centralized energy structures of the past, Ukraine can establish a modern, decentralized and highly resilient energy infrastructure based on renewable resources, intelligent system integration and advanced engineering principles.

This transformation requires more than individual technologies. It requires integrated engineering concepts capable of combining renewable generation, controllable energy production, digital intelligence and autonomous operation into one coordinated energy ecosystem.

HIMC GmbH, an Austrian engineering company with an established subsidiary in Ukraine, has developed exactly this approach.

The HIMC Engineering Platform integrates Biomass Combined Heat and Power (CHP), Solar Photovoltaics (PV), Battery Energy Storage Systems (BESS), Thermal Energy Storage, intelligent Energy Management Systems (EMS) and autonomous microgrids into fully engineered energy solutions tailored to the specific needs of municipalities, hospitals, industrial facilities, agricultural enterprises and other critical infrastructure.

Our objective is not to promote individual products. Our objective is to engineer complete, reliable and economically sustainable energy systems that provide secure electricity and heat under both normal operating conditions and emergency situations.

To achieve this, HIMC brings together Austrian engineering expertise, proven technology partners, local implementation capabilities in Ukraine and access to international financing opportunities. Through close cooperation with technology suppliers, public authorities, financial institutions and project owners, we aim to accelerate the deployment of resilient energy infrastructure that strengthens national energy security while creating long-term economic value.

The reconstruction of Ukraine represents far more than the replacement of damaged assets. It is an opportunity to establish a new benchmark for decentralized, intelligent and sustainable energy systems in Europe.

HIMC is committed to contributing Austrian engineering excellence, integrated system design and long-term project development to support this transformation.

Together with our partners, we are engineering the foundation for reliable energy, resilient communities and sustainable economic growth.

Engineering Energy Independence

Integrated Engineering • Renewable Resources • Operational Resilience • Digital Intelligence • Sustainable Growth



2. The HIMC Engineering Philosophy

Engineering Before Products

Designing Energy Systems Instead of Selling Equipment

The transition toward resilient and sustainable energy infrastructure requires a fundamental change in engineering philosophy.

For decades, energy projects have often been developed by selecting individual technologies first and integrating them afterwards. While this product-driven approach has enabled numerous successful installations, it frequently results in fragmented systems, limited operational flexibility and suboptimal long-term performance.

HIMC follows a fundamentally different methodology.

Every project begins with engineering—not with equipment selection.

Before individual technologies are considered, HIMC performs a comprehensive assessment of the client's operational objectives, energy demand, available local resources, infrastructure, regulatory framework and

long-term development strategy. Only after this integrated engineering analysis are technologies selected and configured into one coordinated energy platform.

This approach ensures that every component contributes to the performance of the complete system rather than operating as an isolated asset.

Engineering therefore becomes the foundation upon which all subsequent technical and investment decisions are built.

Integrated Engineering

Modern autonomous energy systems consist of multiple interconnected technologies that must operate as one intelligent ecosystem.

Rather than optimizing individual components independently, HIMC integrates all major subsystems into a unified engineering architecture, including:

Biomass Combined Heat and Power (CHP), Solar Photovoltaic (PV), Wind Energy, Battery Energy Storage Systems (BESS), Thermal Energy Storage (TES), District Heating Networks, Energy Management Systems (EMS), Private Microgrids, National Grid Interfaces

Each subsystem is engineered to support the overall operational objectives of the project, ensuring maximum efficiency, flexibility and resilience under all operating conditions.

Engineering for Operational Resilience

Energy infrastructure must remain operational even under adverse circumstances.

Hospitals, municipalities, industrial facilities and other critical infrastructure cannot depend solely on centralized electricity networks.

For this reason, operational resilience is integrated into every HIMC project from the earliest planning stage.

Engineering measures typically include:

Multiple energy sources, Redundant generation capacity, Battery-supported stabilization, Thermal energy storage, Autonomous Island Mode capability, Black Start functionality, Intelligent load prioritization, Automated emergency operation

The objective is not merely to maximize efficiency, but to guarantee continuity of essential services whenever external conditions become unstable.

Digital Intelligence as a Core Engineering Discipline

Digitalization has become one of the defining characteristics of modern energy systems.

Within the HIMC Engineering Platform, the Energy Management System (EMS) functions as the digital brain of the entire infrastructure.

The EMS continuously monitors operational data from all connected assets and optimizes system performance in real time.

Typical EMS functions include:

Demand forecasting, Renewable generation forecasting, Battery management, CHP dispatch optimization, Thermal storage control, Grid interaction, Peak load management, Predictive maintenance, Fault detection, Cybersecurity monitoring

Through continuous data analysis and automated control, the EMS transforms individual energy assets into one coordinated autonomous system.

Lifecycle Optimization

Engineering responsibility does not end with commissioning. The performance of an autonomous energy system evolves over many years of operation.

HIMC therefore applies a lifecycle engineering approach that considers:

Initial investment costs, Operational expenditures, Equipment reliability, Maintenance strategies, Digital upgrades, Future system expansion, Regulatory developments, Sustainability targets, Asset replacement planning

This methodology ensures that engineering decisions continue to create value throughout the complete operational lifetime of the project.

Modular Scalability

Every community, industrial facility and municipality has unique requirements.

For this reason, HIMC designs modular systems that can expand over time without requiring complete infrastructure replacement.

Projects may begin with a single Biomass CHP plant and later integrate:

Additional CHP capacity, Solar PV, Wind generation, Battery Energy Storage, Thermal Energy Storage, Hydrogen technologies, Electric vehicle charging infrastructure, Additional microgrids

This modular approach protects investments while allowing energy systems to evolve alongside future demand.

Sustainable Development Through Engineering

Sustainability is achieved not through individual technologies, but through intelligent system integration.

By combining local renewable resources with advanced engineering principles, HIMC enables communities to:

Reduce dependence on imported fuels, Increase regional value creation, Improve energy efficiency, Lower greenhouse gas emissions, Strengthen local economies, Enhance long-term infrastructure resilience

Engineering becomes a strategic instrument for sustainable regional development rather than simply a technical discipline.

The HIMC Engineering Principles

Every HIMC project is built upon six fundamental engineering principles:

1. Engineering Before Products

Every project starts with a comprehensive engineering assessment before selecting technologies.

2. Integrated System Design

All energy assets are engineered as one coordinated platform.

3. Operational Resilience

Systems are designed to maintain reliable operation during both normal and emergency conditions.

4. Digital Intelligence

Advanced EMS technologies optimize performance through continuous monitoring and automated control.

5. Lifecycle Optimization

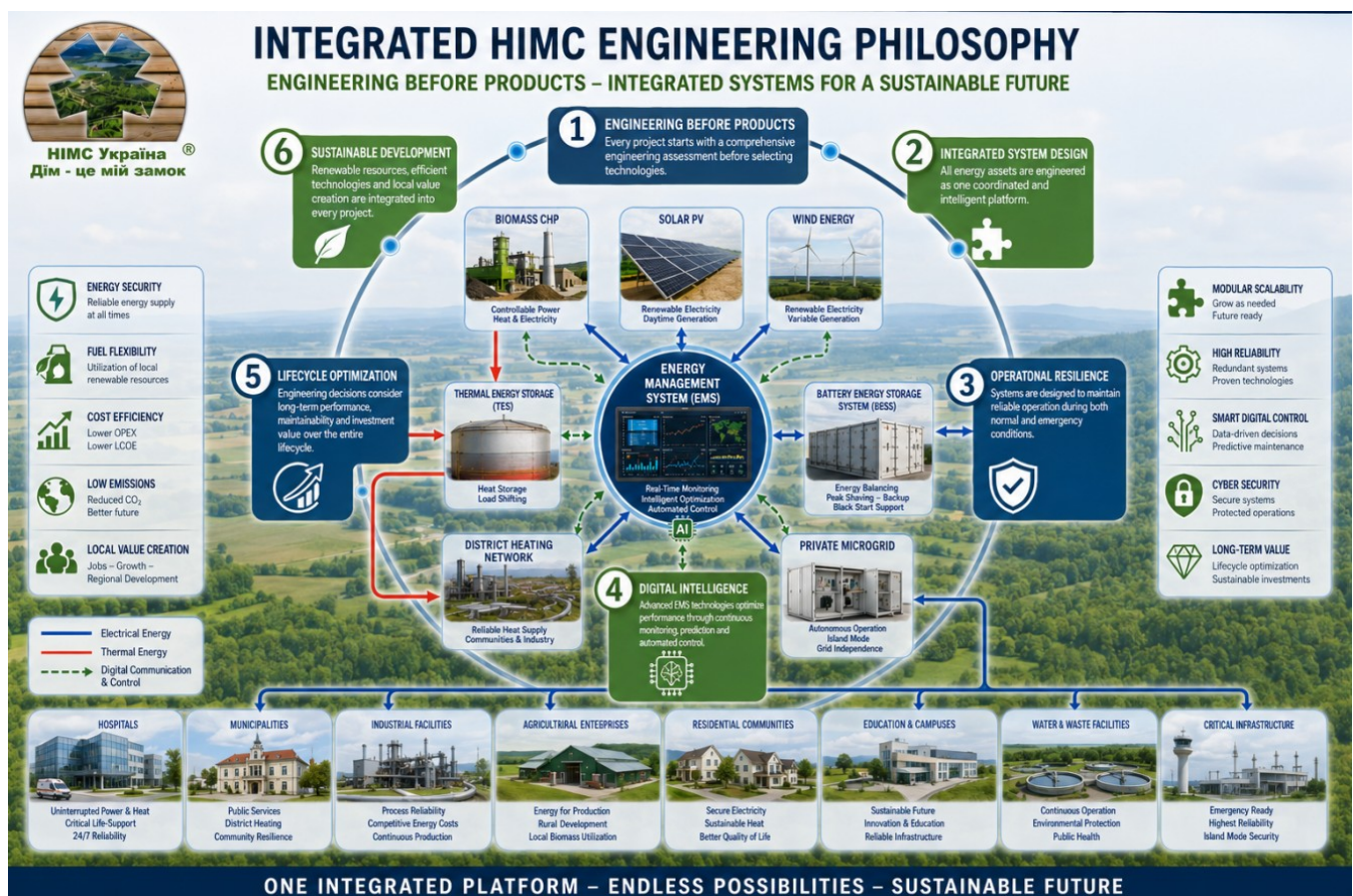
Engineering decisions consider long-term operational performance, maintainability and investment value.

6. Sustainable Development

Renewable resources, efficient technologies and local value creation are integrated into every project.

Engineering Statement

Technology alone does not create resilient energy systems. Only intelligent engineering can integrate renewable resources, controllable generation, digital intelligence and operational resilience into infrastructure capable of serving communities, industries and critical facilities for decades to come.



3. The HIMC Integrated Autonomous Energy Platform

One Intelligent Energy Ecosystem

From Individual Technologies to an Integrated Energy Platform

The future of resilient energy infrastructure is not defined by a single technology.

Reliable, sustainable and economically efficient energy systems are created by intelligently integrating multiple complementary technologies into one coordinated engineering platform.

The HIMC Integrated Autonomous Energy Platform has been developed precisely for this purpose.

Rather than operating individual generation assets independently, the platform combines renewable energy sources, controllable power generation, energy storage and digital intelligence into a unified system capable of supplying electricity and heat under both normal operating conditions and emergency scenarios.

At the center of the platform is the **Energy Management System (EMS)**, which continuously coordinates every connected component to maximize efficiency, operational reliability and long-term sustainability.

The result is an autonomous energy ecosystem that delivers significantly greater resilience than conventional centralized infrastructure.

Core Components of the HIMC Platform

Each autonomous energy system is individually engineered using a modular combination of proven technologies.

Biomass Combined Heat and Power (CHP)

Biomass CHP serves as the controllable baseload generation unit.

Using locally available renewable biomass, the CHP simultaneously produces electricity and useful thermal energy with high overall efficiency.

Recovered heat is supplied to district heating networks or thermal storage systems, significantly increasing fuel utilization and reducing operating costs.

Solar Photovoltaics (PV)

Solar PV contributes clean and emission-free electricity during daylight hours.

Its output is coordinated by the EMS and utilized directly by consumers, stored within the battery system or exported to the local grid whenever appropriate.

Solar generation reduces fuel consumption and supports long-term sustainability objectives.

Wind Energy

Where local conditions permit, wind turbines provide an additional renewable energy source.

The complementary generation profiles of wind and solar improve overall system stability and increase the share of renewable electricity available to the microgrid.

Battery Energy Storage System (BESS)

The Battery Energy Storage System provides operational flexibility throughout the entire platform.

Its primary functions include:

Renewable energy balancing, Peak load reduction, Frequency stabilization, Voltage support, Emergency backup, Island Mode stabilization, Black Start capability

The battery enables rapid response to changing operating conditions while maximizing renewable energy utilization.

Thermal Energy Storage (TES)

Thermal Energy Storage decouples heat production from heat demand.

Surplus thermal energy generated by the CHP is stored and released whenever required, increasing system efficiency while reducing unnecessary generator operation.

Thermal storage is a key element of economical district heating systems.

The Digital Brain — Energy Management System (EMS)

At the center of the HIMC platform is the Energy Management System.

Rather than functioning as a simple supervisory control system, the EMS continuously evaluates thousands of operational parameters and automatically optimizes the complete energy ecosystem.

Typical EMS functions include:

Real-time monitoring, Demand forecasting, Renewable production forecasting, CHP dispatch optimization, Battery charge management, Thermal storage optimization, Load prioritization, Grid interaction, Island Mode control, Predictive maintenance, Cybersecurity supervision, Performance analytics

Every operational decision is based on the current status of the complete system rather than individual assets.

Private Microgrids

The HIMC Engineering Platform distributes energy through intelligent private microgrids.

These microgrids connect renewable generation, controllable power plants, storage systems and consumers into one coordinated electrical infrastructure.

During normal operation, the microgrid may exchange electricity with the national grid.

During disturbances or outages, the system automatically transitions into autonomous Island Mode, maintaining uninterrupted energy supply for critical consumers.

Intelligent Energy Flows

The HIMC platform manages three interconnected energy flows simultaneously.

Electrical Energy

Electricity generated by Biomass CHP, Solar PV and Wind Energy is distributed to connected consumers, battery storage and the microgrid.

Thermal Energy

Recovered heat from the CHP is supplied to thermal storage systems and district heating networks, providing reliable heating for buildings and industrial processes.

Digital Information

Continuous communication between every subsystem and the EMS enables intelligent decision-making, predictive optimization and automated system control.

Together, these three flows create a fully integrated and self-optimizing energy ecosystem.

Typical Applications

The HIMC Integrated Autonomous Energy Platform is suitable for a wide range of applications, including:

Hospitals and healthcare facilities, Municipal energy systems, Industrial parks, Mining operations, Agricultural enterprises, Universities and educational campuses, Airports and logistics centers, Water treatment facilities, Residential communities, Critical public infrastructure

Each platform is individually engineered according to local energy demand, renewable resource availability and operational requirements.

Engineering Benefits

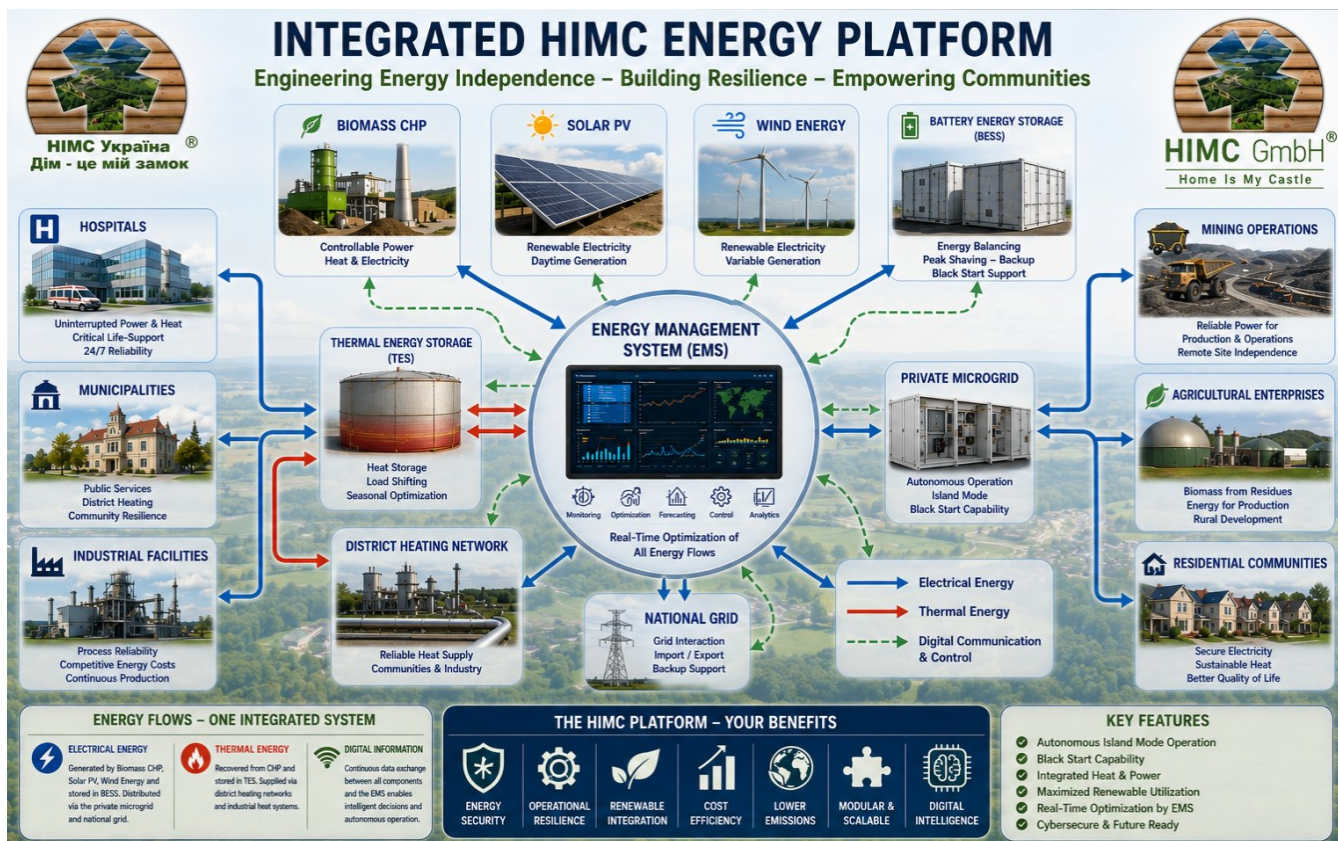
Compared with conventional centralized infrastructure, the HIMC platform provides:

Enhanced energy security, Greater operational resilience, Higher renewable energy utilization, Improved fuel efficiency, Reduced operating costs, Lower greenhouse gas emissions, Scalable system architecture, Intelligent digital control, Long-term investment protection

The integrated approach transforms independent technologies into one coordinated infrastructure capable of adapting to future technical and economic developments.

Executive Statement

The HIMC Integrated Autonomous Energy Platform represents a new generation of energy infrastructure—combining renewable resources, controllable generation, intelligent storage and digital engineering into one resilient, scalable and future-ready ecosystem designed to meet the energy challenges of tomorrow.



4. Engineering Applications

One Platform – Multiple Solutions

Flexible Engineering for Diverse Infrastructure

Every energy project is unique.

Hospitals require uninterrupted operation under emergency conditions.

Industrial facilities prioritize process reliability and competitive energy costs.

Municipalities depend on stable district heating and secure public services.

Agricultural enterprises require reliable electricity and thermal energy throughout seasonal production cycles.

Rather than developing different technologies for every application, HIMC applies one integrated engineering platform that is individually configured to meet the specific operational requirements of each project.

The modular architecture allows the same engineering philosophy to be successfully implemented across a wide range of sectors while maintaining maximum flexibility for future expansion.

Hospitals

Hospitals represent one of the highest priorities within modern energy infrastructure.

Continuous electricity and heat are essential for:

Operating theaters, Intensive Care Units, Emergency departments, Medical imaging, Laboratories, Sterilization, Medical data centers, Heating and ventilation systems

The HIMC Hospital Energy Platform combines Biomass CHP, Battery Energy Storage, Solar PV, Thermal Storage and intelligent EMS control to ensure uninterrupted medical operation—even during prolonged grid outages.

Municipal Energy Systems

Cities and municipalities are responsible for essential public services.

Integrated municipal energy systems provide secure electricity and district heating for:

Municipal administration, Schools, Public housing, Sports facilities, Street lighting, Water treatment plants, Wastewater treatment facilities, Emergency services

Autonomous municipal microgrids strengthen public resilience while reducing long-term operating costs.

Industrial Facilities

Modern industry requires stable, high-quality energy around the clock.

The HIMC Industrial Energy Platform supports:

Manufacturing plants, Metallurgical industries, Food processing, Chemical production, Logistics centers, Industrial parks

The integration of CHP, renewable generation, battery storage and intelligent load management improves productivity while reducing energy costs and carbon emissions.

Agricultural Enterprises

Ukraine possesses one of Europe's largest agricultural sectors.

Agricultural operations generate valuable renewable biomass resources while simultaneously requiring reliable electricity and heat for:

Grain drying, Livestock production, Dairy processing, Irrigation, Cold storage, Food processing, Greenhouse operation

The HIMC platform transforms agricultural residues into valuable renewable energy, creating local value while strengthening rural economies.

Renewable Energy Communities

Entire villages and rural regions can become energy independent through locally available renewable resources.

Renewable Energy Communities integrate:

Biomass CHP, Solar PV, Battery Energy Storage, Thermal Storage, District Heating, Village Microgrids, Intelligent EMS

The result is a self-sufficient community capable of supplying reliable electricity and heat while creating regional employment and strengthening local economic development.

Critical Infrastructure

Critical infrastructure requires the highest level of operational security.

Typical applications include:

Airports, Emergency operation centers, Water infrastructure, Telecommunications, Government facilities, Civil protection, Military support infrastructure, Public safety services

The HIMC Engineering Platform ensures uninterrupted operation through autonomous Island Mode capability, redundant generation and intelligent digital control.

Universities and Public Institutions

Educational campuses increasingly require integrated energy solutions that combine sustainability with operational reliability.

Typical applications include:

Universities, Research centers, Student housing, Public administration campuses, Innovation parks

These projects also serve as demonstration sites for modern engineering and renewable energy technologies.

Engineering Without Limits

The modular design of the HIMC Engineering Platform allows projects to expand over time.

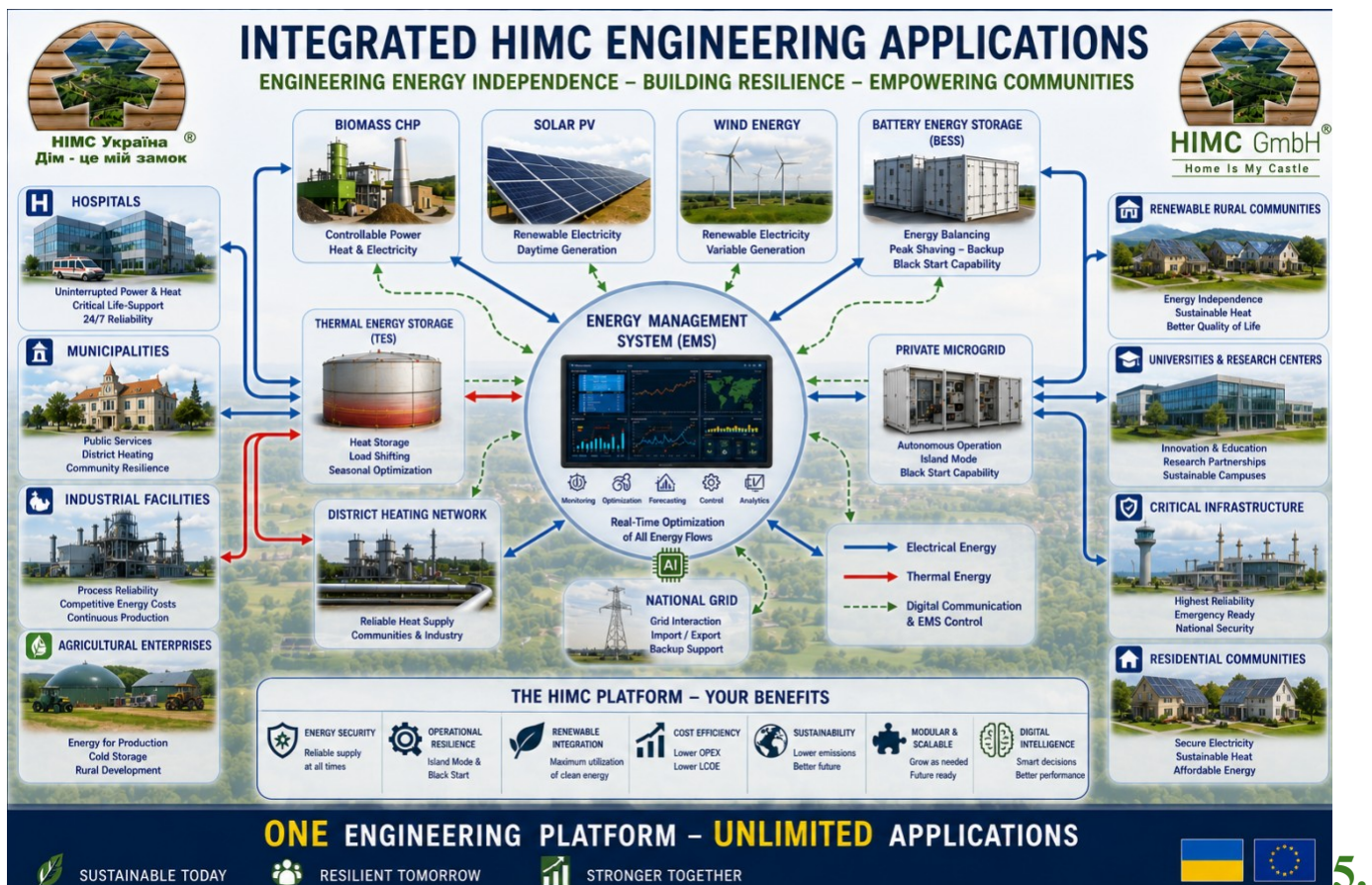
A project may initially supply a single hospital and later evolve into a regional autonomous energy network connecting:

Municipalities, Industrial facilities, Agricultural enterprises, Residential communities, Universities, Public infrastructure

This scalable architecture protects investments while supporting long-term regional development.

Executive Statement

The strength of the HIMC Engineering Platform lies not in a single technology, but in its ability to deliver individually engineered energy solutions across every sector of modern infrastructure. One engineering philosophy enables countless applications, each tailored to local resources, operational



Biomass – The Renewable Backbone of Energy Independence

Transforming Local Resources into Strategic Infrastructure

Why Biomass Matters

Among all renewable energy sources, biomass occupies a unique position.

While solar and wind energy have become indispensable components of the global energy transition, their electricity production depends entirely on weather conditions and natural cycles. Critical infrastructure, however, cannot depend on sunshine or wind alone. Hospitals require uninterrupted electricity twenty-four hours a day. Industrial production cannot stop during periods of low renewable generation. Municipal heating systems must continue operating throughout harsh winter conditions.

For these reasons, every resilient autonomous energy system requires a controllable renewable energy source capable of delivering electricity and thermal energy whenever demand exists.

Biomass provides exactly this capability.

Within the HIMC Engineering Platform, biomass is not simply another renewable fuel. It is the renewable backbone that enables true energy autonomy.

Ukraine's Renewable Biomass Potential

Ukraine possesses one of Europe's largest renewable biomass resources.

Every year substantial quantities of sustainable biomass become available from agriculture, forestry and agro-industrial production.

Typical renewable resources include:

Agricultural Biomass

Wheat straw, Corn residues, Sunflower residues, Rapeseed straw, Energy crops

Forestry Biomass

Wood chips, Forest residues, Sawmill by-products, Wood processing residues

Agricultural Processing

Organic processing residues, Food industry by-products, Biogenic waste streams

These resources are widely distributed throughout the country, allowing regional energy production based upon local fuel availability. This significantly reduces transport distances while strengthening regional economic development.

Biomass Creates Energy Security

Unlike fossil fuels, biomass can be sourced locally.

Unlike natural gas, biomass is not dependent upon international supply chains.

Unlike solar and wind energy, biomass remains fully controllable.

Fuel can be stored for extended periods and utilized whenever required.

This provides several strategic advantages:

Predictable fuel availability, Stable long-term energy costs, Reduced import dependency, Increased national energy security, Greater resilience during crises

For Ukraine, these advantages extend beyond economics—they represent an important contribution to long-term national resilience.

Combined Heat and Power

The HIMC Engineering Platform utilizes biomass primarily through high-efficiency Combined Heat and Power (CHP) systems.

Unlike conventional power plants, CHP simultaneously produces:

Renewable electricity, Useful thermal energy

Recovered thermal energy is supplied to:

District heating systems, Hospitals, Industrial processes, Municipal buildings, Agricultural facilities

Overall system efficiencies exceeding 90% make CHP one of the most efficient renewable energy technologies currently available.

Biomass within the HIMC Engineering Platform

Within the HIMC concept, biomass never operates as an isolated technology.

Instead, Biomass CHP forms the stable renewable baseload generator that continuously interacts with:

Solar PV, Wind Energy, Battery Energy Storage, Thermal Energy Storage, Energy Management System (EMS), Private Microgrids

The Energy Management System automatically determines the optimal operating strategy based upon:

Electricity demand, Thermal demand, Renewable generation, Battery state of charge, Weather forecasts, Operational priorities

This intelligent interaction maximizes renewable energy utilization while minimizing fuel consumption.

Circular Economy in Practice

Biomass energy is considerably more than renewable electricity generation.

It establishes a regional circular economy. Agricultural residues become renewable fuel. Renewable fuel generates electricity and thermal energy. Energy supports regional industries, municipalities and agriculture. Economic value remains within the region. New employment opportunities emerge throughout the biomass supply chain. This circular engineering approach strengthens local economies while reducing environmental impacts.

Austrian Engineering – Ukrainian Resources

Austria is internationally recognized for its expertise in:

Biomass combustion, Combined Heat and Power, District heating, Fuel handling, Automation, Energy efficiency

Ukraine contributes:

Exceptional biomass resources, Agricultural expertise, Industrial capability, Skilled workforce, Strong regional development potential

The combination of Austrian engineering excellence and Ukrainian renewable resources creates an outstanding foundation for sustainable reconstruction.

Long-Term Sustainability

Modern biomass engineering contributes simultaneously to:

Climate protection, Energy independence, Regional employment, Waste reduction, Circular economy, Industrial competitiveness, Rural development

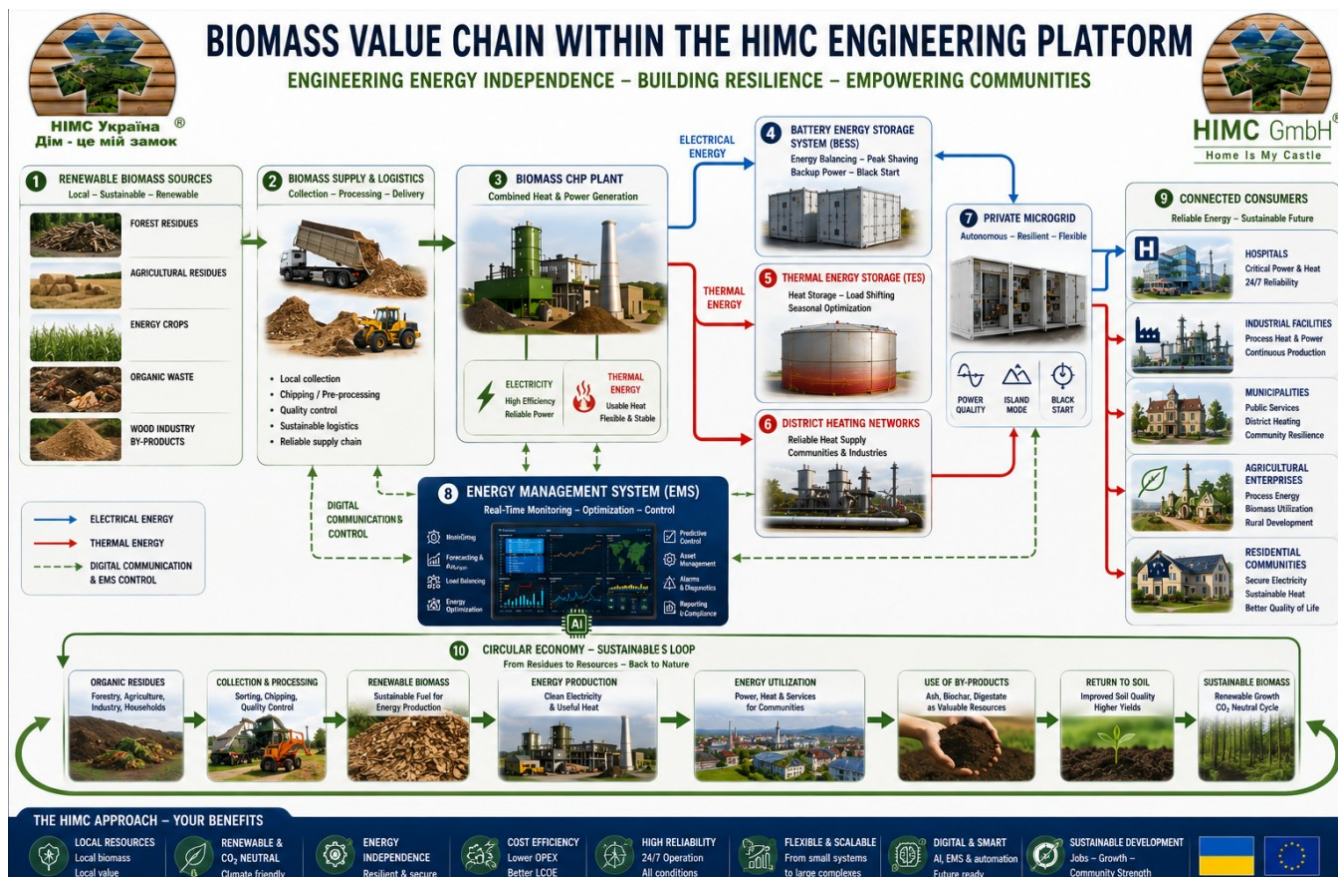
The objective extends beyond renewable electricity generation.

The objective is establishing resilient regional energy ecosystems capable of supporting communities for decades.

Executive Statement

Biomass is the only renewable energy source capable of delivering controllable baseload electricity and thermal energy independent of weather conditions. Combined with Austrian engineering

expertise and intelligent digital system integration, it forms the renewable backbone of resilient autonomous energy systems for the sustainable reconstruction of Ukraine.



6. International Partnership & Financing

Building Projects Together – From Engineering to Implementation

Engineering Creates Opportunities. Partnerships Deliver Results.

The reconstruction of Ukraine represents one of the largest infrastructure investment programs in Europe for decades to come.

Its successful implementation will require close cooperation between governments, municipalities, industry, international financial institutions, engineering companies and technology manufacturers.

No single organization can accomplish this transformation alone.

HIMC therefore follows a partnership-based project development strategy.

Our objective is to establish a strong network of Austrian technology suppliers, engineering specialists, financial institutions and Ukrainian implementation partners capable of jointly delivering integrated autonomous energy systems.

Together, we can combine proven Austrian technologies with local project implementation and international financing mechanisms to create long-term sustainable energy infrastructure.

The HIMC Partnership Model

HIMC acts as the **Engineering Integrator** within the project ecosystem.

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Rather than manufacturing equipment ourselves, we develop complete engineering concepts and bring together the most suitable technology partners for each individual project.

This ensures that every project benefits from the best available Austrian technologies while maintaining maximum engineering flexibility.

Our role includes:

Project identification, Feasibility studies, Integrated engineering design, Technology selection, System integration, Financial structuring, Preparation of investment documentation, Coordination with Ukrainian authorities, International project management, Commissioning support, Long-term technical cooperation

Technology partners remain focused on what they do best:

Developing and delivering world-class engineering solutions.

International Financing

Large-scale reconstruction requires innovative financing structures.

HIMC therefore develops projects that can be presented to national and international financing institutions in accordance with internationally recognized engineering and investment standards.

Potential financing instruments include:

European Institutions

- European Union Reconstruction Programmes
- European Investment Bank (EIB)
- European Bank for Reconstruction and Development (EBRD)

International Financial Institutions

- World Bank Group
- International Finance Corporation (IFC)
- Multilateral Development Banks
- International Climate Funds
- Green Infrastructure Investment Programs

Austrian Financing Instruments

- Austria Wirtschaftsservice GmbH (aws)
- Oesterreichische Kontrollbank AG (OeKB)
- Austrian Development Agency (ADA)
- Export financing and export guarantee programs
- Bilateral reconstruction initiatives

Every project is individually structured according to its technical scope, ownership model and financing requirements.

Creating Bankable Projects

International investors finance well-prepared projects—not isolated technologies.

For this reason, HIMC develops projects according to internationally recognized engineering and financial standards.

Typical project documentation includes:

Technical Feasibility Studies, Energy Demand Analysis, Biomass Resource Assessment, Economic Evaluation, Lifecycle Cost Analysis, Environmental Assessment, Carbon Reduction Analysis, Risk Assessment, Investment Memorandum, Financial Model, ESG Documentation

This engineering-driven approach significantly improves investment readiness and financing opportunities.

Why Austrian Technology?

Austria has earned an outstanding international reputation in:

Biomass technologies, Combined Heat and Power, District Heating, Industrial automation, Renewable energy integration, Environmental engineering, High-quality manufacturing, Long-term operational reliability

These strengths perfectly complement Ukraine's reconstruction requirements.

Our objective is to establish Austrian engineering as a key contributor to the development of resilient autonomous energy infrastructure throughout Ukraine.

A Long-Term Strategic Partnership

HIMC is not seeking short-term supplier relationships.

We are building long-term partnerships based on:

Engineering excellence, Mutual trust, Technical innovation, Shared project development, Sustainable business growth, International cooperation

Together with our technology partners, we aim to establish an Austrian competence network capable of supporting Ukraine's reconstruction for many years to come.

Why Work with HIMC?

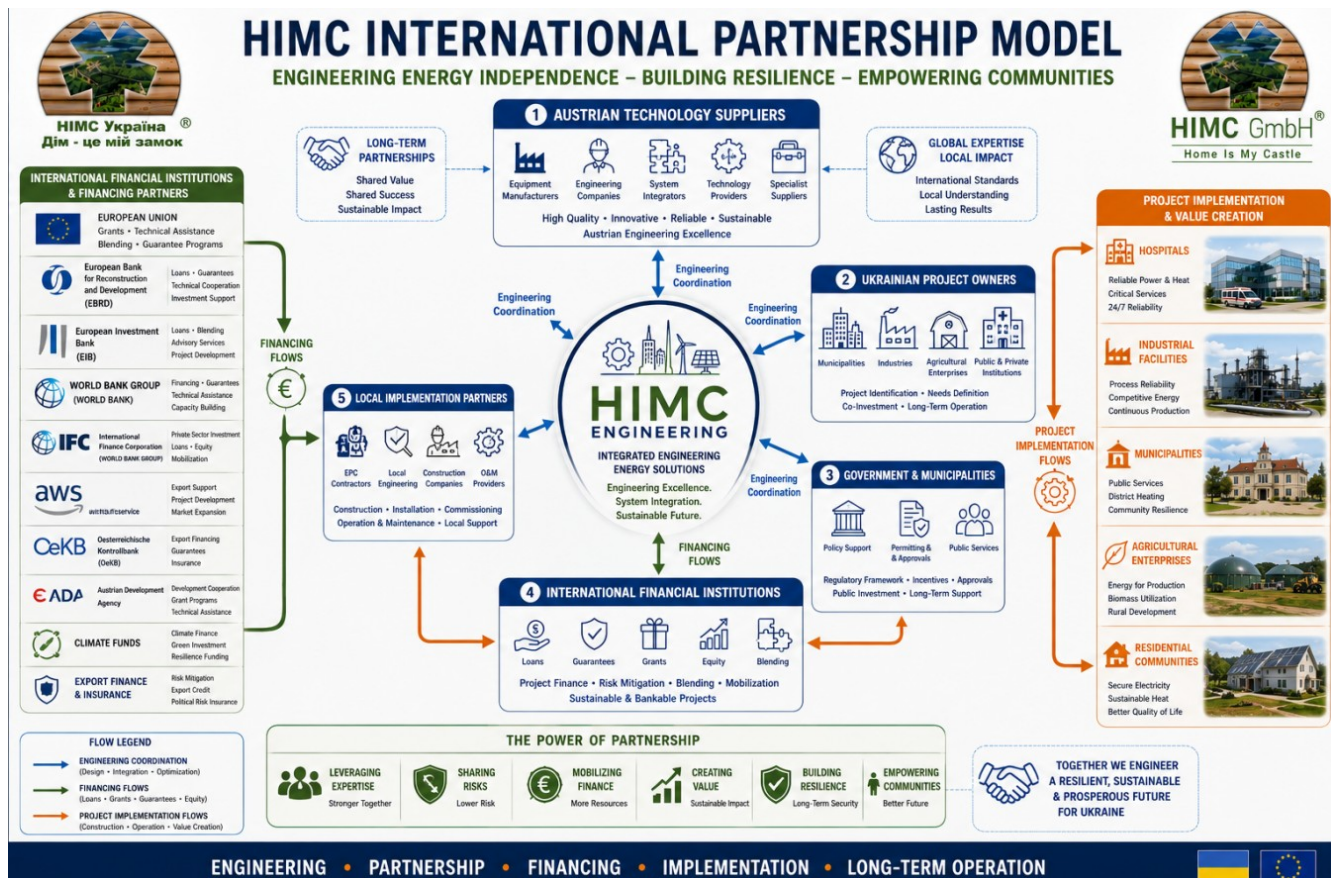
By partnering with HIMC, technology suppliers gain access to:

An established subsidiary in Ukraine, Local project development capabilities, Engineering-based project design, Integrated system concepts, Cooperation with public authorities, Access to municipalities and industrial clients, Support in identifying financing opportunities, International project coordination, Long-term implementation partnerships

Our ambition is to become the engineering interface between Austrian technology providers, Ukrainian project owners and international financing institutions.

Executive Statement

The reconstruction of Ukraine is not only a humanitarian responsibility—it is also an opportunity to establish one of Europe's most advanced decentralized energy infrastructures. Through strong partnerships, integrated engineering and innovative financing, Austrian technology companies can play a leading role in shaping this transformation. HIMC is committed to bringing together the right partners, technologies and financing structures to make this vision a reality.



7. Why HIMC

Your Austrian Engineering Partner for the Sustainable Reconstruction of Ukraine

Engineering Creates Confidence

The successful reconstruction of Ukraine's energy infrastructure requires more than excellent technologies. It requires experienced engineering, international project development capabilities, local implementation expertise and trusted partnerships.

HIMC combines these disciplines within one integrated engineering organization.

As an Austrian engineering company with an established subsidiary in Ukraine, HIMC serves as the link between Austrian technology providers, Ukrainian project owners and international financing institutions.

Our objective is straightforward:

To transform innovative engineering concepts into successful long-term infrastructure projects.

More Than an Equipment Supplier

HIMC is neither a manufacturer nor a conventional equipment distributor.

Our role is to engineer complete energy solutions that integrate the most suitable technologies into one optimized system.

This technology-neutral engineering approach ensures that every project is designed around the client's operational requirements rather than around predefined products.

Every autonomous energy system is individually engineered.

Every project is unique.

Every solution is optimized for long-term performance.

Austrian Engineering Excellence

Austria is internationally recognized for its expertise in renewable energy engineering, biomass utilization, district heating, industrial automation and energy efficiency.

HIMC builds upon this engineering tradition by combining proven Austrian technologies with modern system integration and digital energy management.

Working together with selected Austrian manufacturers, engineering companies and specialist suppliers, we create integrated energy platforms capable of meeting the highest technical and operational standards.

Local Presence in Ukraine

Successful reconstruction depends upon local implementation.

Through its Ukrainian subsidiary and regional partner network, HIMC provides:

Local project coordination, Technical support, Communication with authorities, Cooperation with municipalities, Industrial project development, Engineering supervision, Project implementation support, Long-term operational assistance

This local presence enables efficient project execution while ensuring close cooperation with all stakeholders throughout the project lifecycle.

A Partnership Approach

We believe that the most successful projects are built on long-term partnerships. Every partner contributes specialized expertise while HIMC coordinates the complete engineering process. Together we create solutions that no individual organization could deliver alone.

Our Vision

We believe the reconstruction of Ukraine represents one of Europe's greatest opportunities to establish a modern, decentralized and resilient energy infrastructure.

Instead of rebuilding yesterday's systems, Ukraine can become an international benchmark for intelligent autonomous energy platforms based on renewable resources and advanced engineering.

HIMC is committed to contributing its engineering expertise, project development experience and international partnerships to help realize this vision.

Invitation to Cooperate

We invite Austrian technology manufacturers, engineering companies, investors and institutional partners to join us in developing the next generation of resilient energy infrastructure for Ukraine.

Together we can:

- Develop integrated engineering solutions.
- Create bankable infrastructure projects.
- Utilize international financing programs.
- Strengthen Austrian technology exports.
- Support sustainable regional development.
- Improve energy security.
- Contribute to Europe's long-term resilience.

We look forward to discussing potential cooperation and identifying opportunities where our combined expertise can create lasting value.

Closing Statement

Engineering is the foundation.

Partnership is the catalyst.

Innovation is the opportunity.

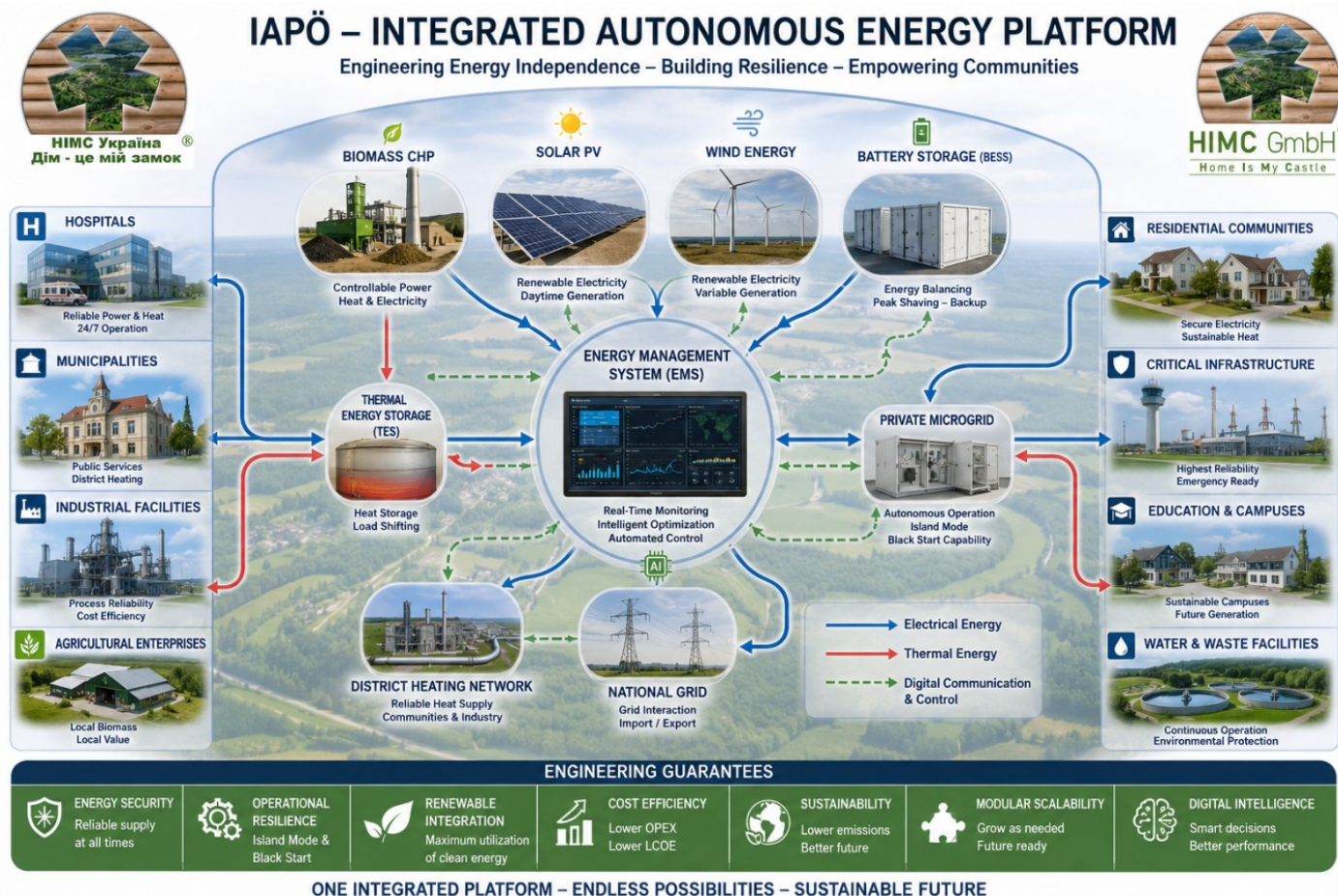
Together, we can build the resilient energy infrastructure that Ukraine deserves.

HIMC GmbH

Engineering Autonomous Energy Systems

Austria | Ukraine

Engineering Energy Independence, Building Resilience, Empowering Communities



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