

Genergy Sector of HXG EXPO 2027



Powering a Sustainable Future



18-20 June, 2027



ABOUT GENERGY

Clean Energy. Smart Systems. Real Progress.

Genergy is the **Sustainable & Next-Gen Energy Sector at HXG Expo 2027, bringing together innovators, industry leaders, policymakers, and solution providers** shaping the future of clean energy. The sector creates a practical environment where companies present advanced technologies, explore partnership opportunities, and engage in meaningful discussions about the transition to low-carbon systems.

Genergy covers the full spectrum of renewable energy, storage, hydrogen solutions, smart mobility, digital grids, and efficiency technologies. It is designed for organizations developing solutions for cleaner, safer, and more efficient energy systems. Whether you are scaling new technologies, entering new markets, or aligning with sustainability objectives, Genergy helps you connect with people and ideas driving real progress.

At its core, Genergy supports practical innovation and collaboration. It brings together businesses, researchers, municipalities, financiers, and technology developers to explore solutions that accelerate sustainable transformation.



MISSION

Our mission is to support the global shift toward cleaner and more resilient energy systems. Genergy gives companies, experts, and stakeholders a structured platform where innovation, policy, and real-world implementation come together.

We aim to empower participants by connecting them with technologies, partners, and knowledge that strengthen their ability to scale solutions and deliver measurable environmental impact.

VISION

We envision a future where energy is clean, accessible, intelligent, and adaptive. Through Genergy, we highlight technologies and strategies that reduce emissions, optimize systems, and support a fair transition for businesses and communities.

Genergy positions Europe as a leader in sustainable energy by showcasing practical innovations that address today's challenges and support tomorrow's opportunities.

CORE VALUES

Sustainability First

Every initiative prioritizes environmental responsibility and long-term impact.

Innovation-Driven

We highlight future-focused solutions that transform how energy is produced and consumed.

Collaboration Across Sectors

Genergy connects industries, cities, researchers, investors, and innovators.

Transparency & Measurable Impact

We encourage clear communication, data-driven decisions, and responsible progress.

Education & Advocacy

We promote learning opportunities that enable professionals to lead meaningful change.



SCOPE OF THE GENERGY SECTOR

A Comprehensive View of Clean Energy Transformation

Genergy presents the technologies and strategies driving the energy transition across Europe and beyond. The sector brings together renewable energy systems, digital tools, and sustainability frameworks that redefine how energy is generated, stored, managed, and distributed.

What Genergy Covers

Renewable Energy Systems

Advanced solutions in solar, wind, hydro, geothermal, and biomass generation.

Energy Storage & Batteries

Technologies supporting grid stability, mobility, and decentralized systems.

Hydrogen Technologies

Green hydrogen production, storage, and industrial or mobility applications.

Smart Grids & Digitalization

AI, IoT, and data-driven platforms that enable predictive, efficient energy management.

Decentralized Energy Systems

Microgrids, community energy projects, and peer-to-peer energy models.

Sustainable Mobility

Electric and hydrogen vehicles, fleet electrification, and charging infrastructure.

Circular Economy in Energy

Recycling, repurposing, and life-cycle optimization for energy systems and components.

Genergy gives attendees a clear understanding of how these technologies converge to power a sustainable future.





HIGHLIGHTS

Explore the Future of Clean Energy

1. Renewable Energy Innovation

Utility-scale systems, off-grid solutions, hybrid platforms, and digital optimization tools.

2. Hydrogen Economy

Next-generation electrolysis, hydrogen vehicles, and cross-sector integration.

3. Smart Grids & Digital Tools

Real-time monitoring, advanced analytics, and automation-driven system control.

4. Decentralized Energy

Prosumers, energy-sharing models, and resilient microgrid technologies.

5. Sustainable Mobility

Charging networks, battery advances, and intelligent transport systems.

6. Circular Systems

Design for disassembly, recycling innovations, and material traceability.

WHY EXHIBIT

Exhibiting in Genergy gives your organization a strategic gateway to Europe's expanding clean energy markets. It is a high-impact environment where decision-makers meet innovators, and where sustainable solutions gain traction.

As an exhibitor, you can:

- Present new products, systems, or solutions
- Meet qualified buyers, procurement teams, and energy planners
- Generate leads and strengthen your sales pipeline
- Position your brand as a sustainability leader
- Engage with investors and technology partners
- Participate in technical sessions and expert discussions
- Gain visibility through HXG channels and partner networks

Genergy maximizes exhibitor value by creating a space designed for connection, insight, and long-term partnership.

EXHIBITOR BENEFITS

Prime visibility

Stand placement and sector presence that support strong footfall.

Targeted networking

Connections with qualified attendees from utilities, industry, and public sectors.

Matchmaking opportunities

Curated meetings with investors, municipalities, and corporate partners.

Media and digital exposure

Inclusion in HXG's communication ecosystem and partner channels.

Access to expert sessions

Opportunities for speaking, demonstrations, and technical showcases.

Genergy helps companies present their capabilities clearly and effectively while fostering cross-sector engagement.

WHO CAN EXHIBIT

Genergy welcomes organizations across the energy value chain, including:

- Renewable energy providers (solar, wind, hydro, geothermal, biomass)
- Storage and battery technology companies
- Smart grid and digital infrastructure developers
- Hydrogen production and fuel cell innovators
- EV and mobility solution providers
- Microgrid and decentralized energy platform developers
- Green building and efficiency technology companies
- AI, software, and IoT providers supporting energy optimization
- ESG and sustainable finance service providers

Selection of participants is based on their innovation, relevance, and anticipated impact on advancing cleaner and more intelligent energy systems.



VISITOR PROFILE

The Genergy audience includes:

- Investors and analysts
- Government officials and policy leaders
- Regulatory and compliance experts
- Utility companies
- CTOs, engineers, and technical directors
- Smart city and mobility planners
- Construction and infrastructure firms
- Tech developers and consultants
- Researchers, universities, and laboratories
- Climate-focused consumers and organizations

This diverse audience ensures valuable interactions, insights, and opportunities.

HOW TO ATTEND

Visitors can participate in Genergy through the official **HXG Expo 2027 registration**:

1. Register via the HXG Expo website
2. Choose your category (Professional, Investor, Student, Media)
3. Receive your digital badge
4. Join the sector and explore opportunities



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