

MEGAWATT CONFERENCE PROGRAM

DAY 21ST OCTOBER 2025 | Sustainability, Innovation in PowerGeneration, Renewables Energies, Hydrogen.

09.30 – 10.30 | INNOVATIONS IN POWER GENERATION | TECHNICAL PANELS

Chairman: Organizer

- **09.30 – 09.50 Sustainability | Innovation in Power Generation**
Transforming Gas Turbines into Flexible, Low-Carbon Assets - MEEFOG - A. Arda Sapankaya, Executive Eastern Hemisphere
 - **09.50 – 10.10 Turbine Maintenance | Innovation in Power Generation**
Active Foam: Advanced Maintenance for Gas & Steam Turbines - ECOL - Frank Udo Leidich, Lead Expert, Jacek Sadowski, Director for International Business Development
 - **10.10 – 10.30 | Transmission & Distribution | Storage**
Sodium-Ion as a Future-Proof Battery Technology: Abundance, Compatibility, and Resilience - Phenogy - Corrado Romano, Head of Operations
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11.30 – 12.00 | INSTITUTIONAL OPENING

- **11.30 – 11.40** Event Institutional Inauguration
- **11.45 – 11.50** MEGAWATT's Organizer Welcome speech
- **11.50 – 11.55** Institutional Insights on Europe's Energy Transition - **On. Lara Magoni, MEP**
- **11.55 – 12.00** Institutional Insights on Italy's Energy Transition - **On. Picchetto Fratin, MASE**, (videomessage)

12.00 – 13.10 | KEYNOTE

Chairman: Giuseppe Zampini

Former Ansaldo Energia's Chairman and CEO, Senior Advisor to International Companies

- **12.00 – 12.10** Keynote Introduction - **Giuseppe Zampini**
 - **12.10 – 12.25** *Research and Innovation Policies for the Energy Transition* - **Marcello Capra** - Senior Advisor, **Ministry of Environment and Energy Security**, EU SET Plan and Horizon Europe Delegate
 - **12.25 – 12.40** *Sustainability & Climate Strategy: Edison's Decarbonization Pathway* - **Edison - Barbara Terenghi**, Executive Vice President Sustainability and CEO's Office Director
 - **12.40 – 12.55** *Turbomachinery: Driving a Net-Zero Energy Future* - **ETN Global Network - Christer Björkqvist**, Founder and Managing Director
 - **12.55 – 13.10** *The future of power generation: Italian excellence driving global innovation* - **Ansaldo Energia - Fabrizio Fabbri**, CEO
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14.10 – 15.40 | INNOVATIONS IN POWER GENERATION

Chairman: Franco Rosatelli

Senior Advisor Energy Technologies, **Engintec**

- **14.10 – 14.30 Sustainability | Decarbonization | Innovation in Power Generation**
Carbon capture for gas power: challenges and opportunities for Italy - **GE VERNOVA** - Isabelle Achin, Senior Energy Transition Marketing Leader
- **14.30 – 14.50 Sustainability | Innovation in Power Generation**
Pre-Combustion vs Post-Combustion Carbon Capture: A Practical Analysis of Competing Technologies for Advancing decarbonization in Hard-to-Abate Environments - **BABCOCK & WILCOX** - Hans Ladum-Poulsen, Senior Director of ClimateBright
- **14.50 – 15.10 Sustainability | Innovation in Power Generation**
Operational and fuel flexibility of heavy-duty gas turbines: key enablers of the energy transition - **ANSALDO ENERGIA** - Federico Bonzani, Chief Technology Officer
- **15.10 – 15.30 Sustainability | Innovation in Power Generation**
Next-Gen Gas Turbines, Next-Gen Solutions: Overcoming Flexibility Challenges with Advanced Diverter Design - **NEM ENERGY** - Meüs van der Poel, Sales Manager

15.40 – 16.40 | HYDROGEN & EMERGING FUELS

Chairman: Alessandro Durante

Director of External and International Relations, **ANIMA Confindustria**

- **15.40 – 16.00 Sustainability | Renewable Energies | Hydrogen**
Low-Carbon Hydrogen and CO2 Recovery from Waste streams - **BABCOCK & WILCOX** - Nicola Pesenti, Director of Business Development
- **16.00 – 16.40 Sustainability | Renewable Energies | Hydrogen**
Role of low-carbon hydrogen with Johnson Matthey's LCHTM Technology in clean powergeneration - **Johnson Matthey** - Bedar Islam, Global Business Manager - **Baker Hughes** - Paolo Tavella, Business Analyst

16.50 – 17.45 | SAFETY IN MAINTENANCE & INDUSTRIAL SITES

- **16.50 – 17.10 | Safety & Standards**
Safety on Construction Sites: Applying New Technologies from Regulatory Compliance to Shared Culture, **RINA** - Cristiano Sciaboni, Executive Digital Technology and Cybersecurity Engineering Director
- **17.10 – 17.45 | Panel Debate/Round Table | Maintenance & Asset Management | Innovation in Power Generation | AI, Data & Digitalization in Energy**
Safety in Construction Sites and Maintenance: Standards, Digital Tools & Service Models With **Edison** HSEQ Cristiano Valiante, Power Asset Division – **ENIPOWER** HSEQ Gianfranco Carvelli - **Ansaldo Energia Switzerland**, QHSE Gian Luca Mallus - **TECO**, CEO Ivano Poggi
Moderator: Claudia Nicolò, Senior Health and Safety Trainer and Consultant & National advisor **AIFOS**

DAY 22nd OCTOBER 2025 | Innovation in Powergeneration, Transmission & Distribution, Storage, Nuclear, AI Data & Digitalization in Energy, Finance & Future Trends

09.30 – 10.50 | INNOVATIONS IN POWER GENERATION

Chairman: Franco Rosatelli

Senior Advisor Energy Technologies, **Engintec**

- **09.30 – 09.50 | Maintenance & Asset Management | Innovation in Power Generation | AI, Data & Digitalization in Energy**
*Low-Carbon Recover. Recycle. Renew: Waste Heat Recovery, Heat Pump and Green-Hydrogen Systems for the Industrial Energy Transition - **EXERGY** - Giovanni Gaslini, Sales Manager Heat Recovery & Matteo Cameletti, Sales Manager Heat Pumps*
 - **09.50 – 10.10 | Maintenance & Asset Management | Innovation in Power Generation**
*Rapid Return to Service Technologies - **ACWA POWER** | **NOMAC** - Jan Jouke Melchers, Head of Engineering Field Services & Repairs*
 - **10.10 – 10.30 | Maintenance & Asset Management | Innovation in Power Generation | AI, Data & Digitalization in Energy**
*Monitoring & Diagnostics for Mature Turbines - **CHROMALLOY Turbine Services** - Gordon Kidd, Engineering Manager*
 - **10.30 – 10.50 | Maintenance & Asset Management | Sustainability | Innovation in Power Generation | AI, Data & Digitalization in Energy**
*Reinventing DLE: A Physics-Based Algorithm for RB211 Turbine Emissions Control - **Holland Controls** - Hennie Tempelman, MD & Ed Stokkentreeff, Sales & Marketing Manager*
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11.00 – 12.10 | NUCLEAR

- **11.00 – 11.20 | Nuclear, Future Trends**
*A Roadmap for the return to the use of nuclear energy in Italy - **Marcello Capra** - Senior Advisor, Ministry of Environment and Energy Security, EU SET Plan and Horizon Europe Delegate*
 - **11.20 – 11.40 | Nuclear, R&D**
*Status and perspectives of research on advanced nuclear technologies - An overview of Italian and European research framework - **ENEA** - Carlo Carrelli, Researcher*
 - **11.40 – 12.10 | Nuclear**
*The Role of Nuclear in the Global Energy Transition - Nuclear Energy in the Global Energy Mix: Balancing Sustainability and Security - **ANSALDO NUCLEARE** - Francesco Orzelli, Head of Mechanical and Civil Engineering*
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13.15 – 14.25 | INNOVATIONS IN POWER GENERATION

Chairman: Franco Rosatelli

Senior Advisor Energy Technologies, **Engintec**

- **13.15 – 13.35 Sustainability | Innovation in Power Generation**
*Flexible Power Solution for Energy Market - Solutions for Efficiency, Resiliency and Low Carbon Intensity - **SOLAR TURBINES** - Marco Pezzi, Sales Manager Italy - Power Generation*
 - **13.35 – 14.05 | Maintenance & Asset Management | Sustainability | Innovation in Power Generation | Transmission & Distribution | AI, Data & Digitalization in Energy**
*Unlocking the future - smart power, smarter decisions (in low voltage switchgear and distribution) - **ABB** - Gunnar T. Zank - Global Product Manager Digital LV Switchgear Solutions*
 - **14.05 – 14.25 | Maintenance & Asset Management | Sustainability | Innovation in Power Generation | Ai, Data & Digitalization in Energy**
*Physics-Driven AI NavigatorTM: Real-World Digital-Twin Optimisation Delivering Verified Environmental and Cost Savings for CCGT Power Plants - **AI Energy Technologies** - Dawid Lasek, CTO - Damian Kurek, Chief Systems Architect*
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14.30 – 15.35 | FUTURE TRENDS & FINANCE

- **14.30 – 14.50 | Finance**
*Bankability by Design: Enabling Institutional Equity, Debt, and Pre-FID Development Capital for Power Infrastructure – **Kingston Infrastructure Partners** – Andrea Colombo, Partner*
 - **14.50 – 15.10 | Finance**
*The role of banks in supporting sustainable growth - **Intesa SanPaolo** - Matteo Agostino, Specialist of Desk Energy & Utilities*
 - **15.10 – 15.35 | Future Trends**
*Navigating the Energy Transition - Key Drivers, Emerging Technologies, and Market Dynamics - **GTW** - Andrew Besner, VP, Digital Media*
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15.40 – 17.00 | ADVANCED MANUFACTURING & ADDITIVE TECHNOLOGIES

Chairman: Michele Antolotti

Executive Advisor, Advanced Manufacturing & Additive Technologies

- **15.40 – 16.00 | Advanced materials | Innovation in Power Generation**
*Advanced materials for sustainable and future proof Thermal Barrier Coating Systems in Hot Gas Applications of modern Gas Turbines - **HOGANAS** - Manuel Schubert, Senior Engineer Application Development - Magdalena Pawelska, Director Sales EMEA*
 - **16.00 – 16.20 | Advancing Manufacturing | Innovation in Power Generation**
*Advance manufacturing & Process integration experiences - **Yamazaki Mazak Italia** - Marco De Piccoli Commercial Director*
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- **16.20 – 16.40 | Additive Technologies | Innovation in Power Generation**
Additive Manufacturing for Energy: From Prototyping to Production - Case studies and innovations in metal additive manufacturing - SANDVIK - Faraz Deirmina Chief metallurgist, business unit additive manufacturing - SIEMENS ENERGY - Kamran Saeidi Senior materials engineer, materials and processes, additive manufacturing
 - **16.40 – 17.00 | Additive Technologies | Innovation in Power Generation Powders, Processes and Precision: Tomography as the Key to Additive Manufacturing Reliability - LABORMETDUE - Riccardo Girelli, CEO**
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