**International Power Summit**

Day 1

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| 08h00 | **Networking and Registration** |
| 08h50 | **Welcome remarks from the Chair** |
| 09h00 | **A Continent’s Effort – Discussing Europe’s path to decarbonisation*** The importance of decarbonizing electricity to deliver a net zero Europe
* Creating a decarbonized power system: Where are we, what is needed and what must still be developed?
* Delivering renewable electricity: understanding the need to store and release renewable energy as required
* Accelerating the energy transition: what must be done to reduce net greenhouse emissions by 55% by 2030?
* Delivering workforce development and skills for the future
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| 09h30 | **Sponsored Presentation** |
| 10h00 | **Business Meeting 1** |
| 10h30 | **Business Meeting 2** |
| 11h00 | **Panel Discussion: How has the war in Ukraine reshaped the energy world?** * Understanding the repercussions of the war in Ukraine in the European energy systems
* Analyzing the impact of new energy policies and the role of international institutions and private investors in helping rebuild the energy system
* Energy security: Accelerating sustainable fuels for a diverse energy mix
* How and what projects should we focus on to enable effective integration of renewables in Ukraine’s power sector?
* What is the renewable energy potential in Ukraine’s energy mix?
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| 12h00 | **Lunch** |
|  | **Steam 1 - The Future of Combustion-Based Technologies** | **Stream 2 - Renewables, Energy Storage and Nuclear Power** |
| 13h00 | **CHP going forward – the role of CHP in a low-carbon future*** Utilizing CHP in Europe’s energy transition
* Pairing CHP with clean fuels such as biogas and hydrogen
* At what speed and scale will the transition occur and how available are new technologies in the marketplace?
 | **Offshore Wind: Conquering the Sea** * Understanding how new technologies can shape the offshore wind landscape
* Creating partnerships with government to unlock its potential
* The key role of offshore wind in helping Europe increase its energy independence
* Unpacking the challenges with operating and managing wind assets
* Staying competitive: tapping into strategies to efficiently balance operations margins and asset performance
* Wind turbine asset life cycle: detecting erosions and cracks with turbine blade monitoring
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| 13h30 | **Sponsored Presentation** | **Sponsored Presentation**  |
| 14h00 | **Business Meeting 3** |
| 14h30 | **Business Meeting 4** |
| 15h00 | **Repurposing fossil fuelled assets for the energy transition** * Discussing the challenges and opportunities in aligning fossil fuel assets with an equitable green transition
* Strategic transitions, how can policy makers and investors encourage it?
* Re-skilling and upskilling workers for the transition
* How can legacy facilities remain competitive under increasing pressure from fuel and carbon costs?
* Understanding the costs to deploy carbon reduction technologies
 | **The roadmap to Europe’s Green Hydrogen*** How to support Green Hydrogen growth in Europe? What is necessary in terms of regulations and financing?
* Facilitating Global Hydrogen Economy with cooperation and international partnership
* Deep diving into storage challenges and best practices on how to deal with them
* Where does it really make sense to use hydrogen?
* What incentives are required to reduce the cost and make it competitive with fossil-based hydrogen?
* Case study
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| 15h30 | **Strategies and Opportunities for Biomass Energy** * Exploring the role of biomass in the European energy mix
* Biomass as a contributor for sustainable transitions in heavy industries
* Discussing key challenges in bioenergy alignment in Europe
* Supply chain: best practices on encouraging sustainable certification and transportation
* Discussing emerging technologies for waste biomass to energy
 | **Unlocking the full potential of Nuclear Power*** Why should Europe fully embrace nuclear energy?
* Discussing operational challenges and opportunities in nuclear power plants
* Understanding the how on Public and Private Investment - What is the long-term strategy for nuclear energy?
* Efficiency gains – understanding the possibilities
* Safety Standards – skills and technical knowledge needed for the development and operation of a safe nuclear plant
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| 16h00 | **Sponsored Presentation** | **Sponsored Presentation** |
| 16h30 | **Business Meeting 5** |
|  | **Gas Turbines technologies and development opportunities** * How can gas turbine technology help to meet the energy and climate targets?
* Steps to making gas turbine technology more competitive
* What is the impact of decarbonization and digitalization in the gas turbine sector?
* Strategies for reducing emissions and opex without compromising safety
 | **Spotlight on Energy Storage – what is driving the energy storage industry today?*** Energy storage is a key tool to ensuring energy security, but how can we make it happen?
* Utilizing energy storage for decarbonization of transport
* Improving intelligent energy storage systems using Artificial Intelligence and machine learning
* What does the future look like for Energy Storage?
* Alternative technologies for BESS such as lead-acid, nickel-cadmium, sodium-sulphur and flow batteries
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| 17h30 | Chair’s Closing Remarks followed by private dinner |

Day 2

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|  | **Networking and Registration** |
|  | **Welcome remarks from the Chair** |
| 09.00 | **Digital transformation is crucial for the power industry** * Understanding how digital transformation can lead to profitability and sustainability
* Utilizing automation and digitalization for enhanced resiliency and operational efficiency
* Digital transformation is not only about technology, but also about cultural change and people
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| 09:30 | **Sponsored Presentation** |
| 10.00 | **Business Meeting 6** |
| 10.30 | **Asset Management: defining an appropriate and data driven Operations & Maintenance strategy for your organization*** Discovering the best O&M strategy to minimize asset downtime
* Analyzing environmental, health and safety challenges faced by workers
* What is the future of Europe’s O&M market?
* Developing a predictive maintenance strategy to maximize O&M performance
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| 11.00 | **Business Meeting 7** |
| 11.30 | **Sponsored Presentation** |
| 12.00 | **Tackling the energy crisis: let’s get ready for solar*** Europe’s solar energy future, where are we and where are we going moving forward?
* Discussing where investment and opportunities are presenting themselves
* An outlook on some of the latest innovations in solar PV, including Floating PV, Building-integrated photovoltaics and Agri-PV
* Deep diving into best practices and key aspects to support the sustainable development of solar PV
* Technology roadmap: what new technologies are emerging internationally in solar PV?
* Investment landscape and how to maximize return from solar investments
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| 12h30 | **Closing remarks and end of conference** |