**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 | |
| 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? | |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 12h30 | **Closing remarks and end of conference** |