

CESI Consulting: A Global Partner Shaping the Future of Energy Systems

In 2025, CESI continues to strengthen its position as a trusted global partner for the energy transition, combining advanced technical expertise, strategic consulting capabilities and a long-standing commitment to innovation. Through CESI Consulting and its integrated services portfolio, the Group supports governments, utilities, regulators and international institutions in building resilient, efficient and sustainable power systems worldwide.

A strong international presence and global dialogue

CESI's active participation in high-level international events confirms its role as a thought leader in power systems development. At SITE 2025 in Tunis, CESI contributed to the debate on power transmission corridors as key enablers for decarbonization and security of supply in the Mediterranean region, highlighting the importance of cross-border infrastructure and regional cooperation.

The Group also took part in the CIGRE Türkiye Power Systems Conference IV in Ankara, sharing its expertise on advanced transmission technologies and modern grid solutions. This presence reflects CESI's continuous engagement with the global technical community and its contribution to the evolution of power systems in rapidly growing and complex markets.

In Asia, CESI further reinforced its visibility and commitment during the Asian Development Bank (ADB) Annual Meeting 2025, where it hosted a dedicated seminar on power grid innovation and resilience. This initiative showcased CESI's experience in supporting the modernization of power networks across the continent, addressing challenges such as renewable integration, climate resilience and digital transformation.

Strategic projects supporting grid modernization

Beyond conferences and global forums, CESI delivers tangible impact through large-scale, high-profile projects. One of the most significant examples is the flagship project in Egypt, where CESI has been appointed as Technical Advisor by the Egyptian Electricity Holding Company to support the modernization of power distribution grids. The initiative includes the development of a National Energy Distribution Supervisory System and a Grid Digitalization and Innovation Hub, serving more than 40 million customers. This project positions CESI at the forefront of digitalization and innovation in one of the most strategic energy markets in the Middle East and Africa.

CESI Consulting's expertise also extends to regulatory and institutional strengthening. In Botswana, CESI is supporting the national energy regulator in reinforcing the country's regulatory framework, contributing to a more transparent, efficient and investment-friendly energy market. By developing regulatory tools and frameworks aligned with international best practices, CESI helps enable the integration of renewable energy sources and long-term sector sustainability.

Furthermore, CESI Consulting participated in the Jordan Energy Roundtable, organized in collaboration with international financial institutions, where the focus was on building resilient power systems with high shares of renewables. CESI contributed insights on system flexibility, grid stability and planning strategies, leveraging its extensive experience in managing complex energy transitions.

Strategic Partnerships and High-Level International Agreements

In January 2025, CESI significantly strengthened its strategic ties in the Middle East by signing a Memorandum of Understanding (MoU) with the Saudi Electricity Project Development Company (PDC)—a subsidiary of the Saudi Electricity Company—during high-level Italy–Saudi Arabia talks held in AIUla alongside Italian government representatives and business leaders. The agreement, signed by Pierluigi Vicini (General Manager of CESI FZE) and Abdulaziz Al-Muhaiza (Executive Vice President & CFO of PDC), underscores a shared commitment to advancing energy infrastructure, enhancing project efficiency, deploying advanced technological solutions and promoting environmental sustainability in line with Saudi Arabia's Vision 2030 energy transition goals. This MoU reinforces CESI's long-term presence in the Kingdom and its role as a trusted partner in modernizing power systems across the region.

Integrated competencies and end-to-end expertise

What sets CESI apart is its ability to combine strategic consulting, engineering excellence, testing and certification within a single, integrated approach. Through its advanced laboratories, research centers and global expert teams, CESI supports the entire lifecycle of energy infrastructure projects — from policy and regulation to design, testing, operation and optimization.

This holistic model allows CESI to deliver concrete value in an increasingly complex energy landscape, where technological innovation, regulatory evolution and sustainability goals must be aligned. Whether supporting grid digitalization, resilience against climate change, or the integration of renewable and storage technologies, CESI provides solutions that are both technically robust and future-oriented.

A long-term vision for the global energy transition

With a strong presence across Europe, Africa, the Middle East and Asia, and decades of experience in power systems, CESI continues to act as a reliable partner for institutions and stakeholders shaping the energy future. The Group's commitment goes beyond individual projects: it is about enabling lasting transformation, supporting knowledge transfer and contributing to the development of resilient, secure and sustainable energy systems worldwide.

Through CESI Consulting and its global activities, CESI stands today as a reference point for those seeking expertise, innovation and vision to navigate the challenges of the global energy transition.