

Press Release

Renewables and power in the Mediterranean Sea: CESI and Techfem important offshore projects

Milan, 10 October 2022. CESI and Techfem have jointly reached agreements for two **offshore high voltage transmission projects** by signing separate engineering contracts and associated services with **Agnes srl** and **Interconnect Malta Ltd**.

These projects demonstrate the key role played by CESI and Techfem in supporting the adoption and dissemination of **renewable energy resources in the Mediterranean Sea** to provide, in an effective and safe way, **clean energy to Italy and the island of Malta**. The engineering effort involved will be shared equally between CESI and Techfem, options included.

The first project consists of the design of onshore electrical facilities of the Agnes Romagna project, a renewable offshore wind and photovoltaic project off the coasts of Ravenna with an installed capacity of up to 1,100 MW. The works include 220 kV and 380 kV cable links and an onshore transformer substation. The scope of the work, awarded to a Techfem-led Temporary Joint Venture, encompasses the feasibility study, the Preliminary Design and the assistance in the permitting process.

The second project is the development of the FEED and the preparation of the EPC tender for the second HVAC electrical interconnection system between Sicily and the island of Malta with a power capacity of 200 MW. The IC2 infrastructure concerns a 220-kV 118-km submarine power link, the onshore connections 19 km and 2 km long respectively and the modifications of the terminal stations in Ragusa and Magtab. These preparatory works will be carried out in the coming months by a project consortium led by CESI.

***CESI S.p.A** (Centro Elettrotecnico Sperimentale Italiano) is a world-leading technical consulting and engineering company in the field of technology and innovation for the electric power sector. Through its Division KEMA Labs, CESI is the world leader for the independent Testing, Inspection and Certification activities in the electricity industry. With a legacy of more than 60 years of experience, CESI operates in 70 countries around the world and supports its global clients in meeting the energy transition challenges.*

The company's key global clients include major utilities, Transmission System Operators (TSOs), Distribution System Operators (DSOs), power generation companies (GenCos), system integrators, financial investors and global electromechanical and electronic manufacturers, as well as governments and regulatory authorities. In addition, CESI works in close cooperation with international financial institutions such as, among others, the World Bank Group, the European Bank for Reconstruction and Development, the European Investment Bank, the Inter-American Development Bank, the Asian Development Bank.

Major consulting services include: Power Systems studies and Power Market studies, Master Planning and Operational Planning, design and Owner's Engineering for HVAC/HVDC Interconnections, Real Time Operations supervision and control, Asset Management, Integration of Renewable Energies and Storage Systems, design and Owner's Engineering of Smart Grids and Smart Metering deployments, Technological and Environmental Audits, Control and Regulation



Shaping a Better Energy Future

KEMA Labs



Systems for Power Plants, Engineering services for Testing Laboratories, Environmental Impact Assessments, Civil Engineering Services for hydro and renewable plants and Environmental Monitoring Systems for Electric Power Plants. CESI also develops and manufactures advanced solar cells, III-V triple junction GaAS for space and terrestrial application (CPV). CESI is a fully independent joint-stock company headquartered in Milan and with facilities in Arnhem, Berlin, Mannheim, Prague, Dubai, Knoxville (USA), Chalfont (USA), Rio de Janeiro, Santiago de Chile and Shanghai.

www.cesi.it

Techfem is an independent multi-disciplinary engineering company operating in the energy field for about 40 years. A vocational bent to problem solving made Techfem the contractor of choice in mission-critical engineering projects. Techfem provides Project Management services during plants' on-site construction, turnkey delivery and commissioning up to start-up. The ever-increasing technological innovation enables Techfem to operate in multiple energy fields: hydrogen economy, biomethane and waste to gas, energy storage & sector coupling, along with technologies' digitalization.. The company with headquarters in Fano and other strategic offices in Lamezia Terme, San Donato Milanese, Serbia and Albania has almost 300 direct employees.