

## **TERNA AND THE UNIVERSITY OF CAGLIARI PRESENT THE FIRST TYRRHENIAN LAB MASTER'S DEGREE COURSE**

**The course includes teachings on cutting-edge engineering and digital technologies, programming workshops and activities in the field**

**After 12 months, the 15 students will be hired at Terna's Cagliari branch**

**The company will invest €100 million in the Tyrrhenian Lab project over the next 5 years**

**Rome, 20 July 2022** – The 2<sup>nd</sup>-level Master's Degree in “Digitalisation of the electricity system for the energy transition” promoted by Terna as part of the Tyrrhenian Lab project has been presented in the University of Cagliari's Aula Magna.

Francesco Del Pizzo, the Head of Grid Development and Dispatching Strategies at Terna as well as the Chairman and Scientific Coordinator of the Tyrrhenian Lab, along with Prof. Fabrizio Pilo and Prof. Gianni Fenu, the Pro-Rector Innovation and Territory and the Deputy Pro-Rector of the University of Cagliari, gave a presentation on the training offered, details about the topics covered and the objectives of the initiative to fresh graduates interested in the course.

Terna will invest €100 million over the next 5 years to develop the skills necessary to manage the constantly evolving electricity system. The goal of the Master's course is to produce new professionals who will have managerial, engineering, IT and statistical expertise.

*“In addition to the infrastructural works on the grids, the development of renewable energy sources, and increased storage systems, the fourth factor enabling us to tackle the energy transition is training in specialist skills, preparing the people who will be able to manage technologies linked to dispatching and developments in the energy markets in the future. The Master's Degree presented here today will allow Terna to train the highly skilled personnel who will help the company to confirm its role as energy transition director in the future”, announced Francesco Del Pizzo. “I want to thank the University of Cagliari for their invaluable collaboration and for having chosen to share in our vision of growth and development”.*

*“The Master's Degree course that we are offering today is the result of hard work carried out in synergy between all components of the University — governance, general management, lecturers, administrative personnel — and a collaboration with Terna and the Universities of Palermo and Salerno, which has allowed us to enrich our educational offering with an innovative training course to tackle the challenges of ecological and digital transition, starting with the development of skills. Particular thanks go to Terna, for its vision in identifying improvements in knowledge and research as the road to success for major infrastructural investment in the area and, more generally, for the recovery and resilience of our social, economic and productive system”, remarked Fabrizio Pilo, Pro-Rector Innovation and Territory of the University of Cagliari.*

The Master's course, which will begin in the month of November, will consist of four modules for a total of 60 training credits, with personalised pathways based on the previous academic experiences of participants, programming workshops and practical activities in the field. Students who already hold a Master's degree in a technical or scientific subject can apply to the course until 18 September.

After the Master's course, the 15 students selected with the support of the universities involved will be hired by Terna and can begin work at the Cagliari branch as: experts on algorithms and models for the electricity market; experts on analysis and regulation systems; experts on the management of equipment in the field; experts on Substation Automation Systems (SASs); and experts on Substation IoT Systems.

The aim of the Tyrrhenian Lab project is to set up a first-rate training centre in collaboration with the three universities of Cagliari, Palermo and Salerno, spread across campuses in the cities where the cables of the Tyrrhenian Link will land. With a total of 950 km of connections and €3.7 billion in investments, Terna's undersea power line linking Campania, Sicily and Sardinia will help the integration of energy flows from renewable sources.