

## **TERNA AND THE UNIVERSITY OF PALERMO 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 Palermo branch**

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

**Rome, 26 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 in collaboration with the Universities of Palermo, Cagliari and Salerno, has been presented in the Sala Magna hall of Palermo's Complesso Monumentale dello Steri.

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. Massimo Midiri, Rector of the University of Palermo, 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 Tyrrhenian Lab is a project of crucial importance not just for Terna, but also for the local areas involved and for the system nationwide”, declared Francesco Del Pizzo. “With today's presentation, months and months of team work have come to fruition. I want to thank the University of Palermo for its invaluable collaboration and for having chosen to share in our vision of growth and development”.*

*“We are delighted to be able to offer and to contribute to this prestigious post-graduate training initiative, which has important implications for the strategic territorial development of our island as well as for the national and international scene”, announced Professor Massimo Midiri. “The topic of energy transition is of the utmost importance for the University of Palermo, which has always been heavily involved in cultural and industrial development, as demonstrated once again by the recent establishment of the first Centre for sustainability and ecological transition. In developing this Master's degree, we have collaborated proactively and purposefully not only with the lecturers and administrative personnel of our own University, but also with those of Cagliari and Salerno. Our*

*synergy with Terna has also been an inspiration and an element of immense cultural enrichment for us, propelling us further in our pursuit of the digital and ecological transition that our country needs”.*

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 Palermo 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 Palermo, Cagliari 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.