



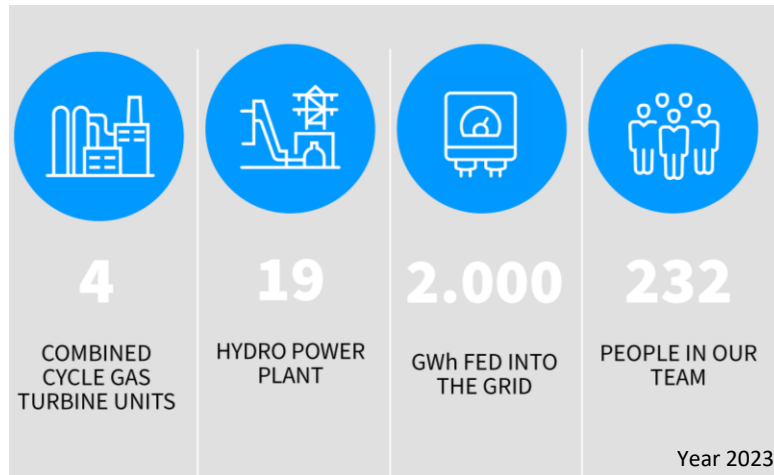
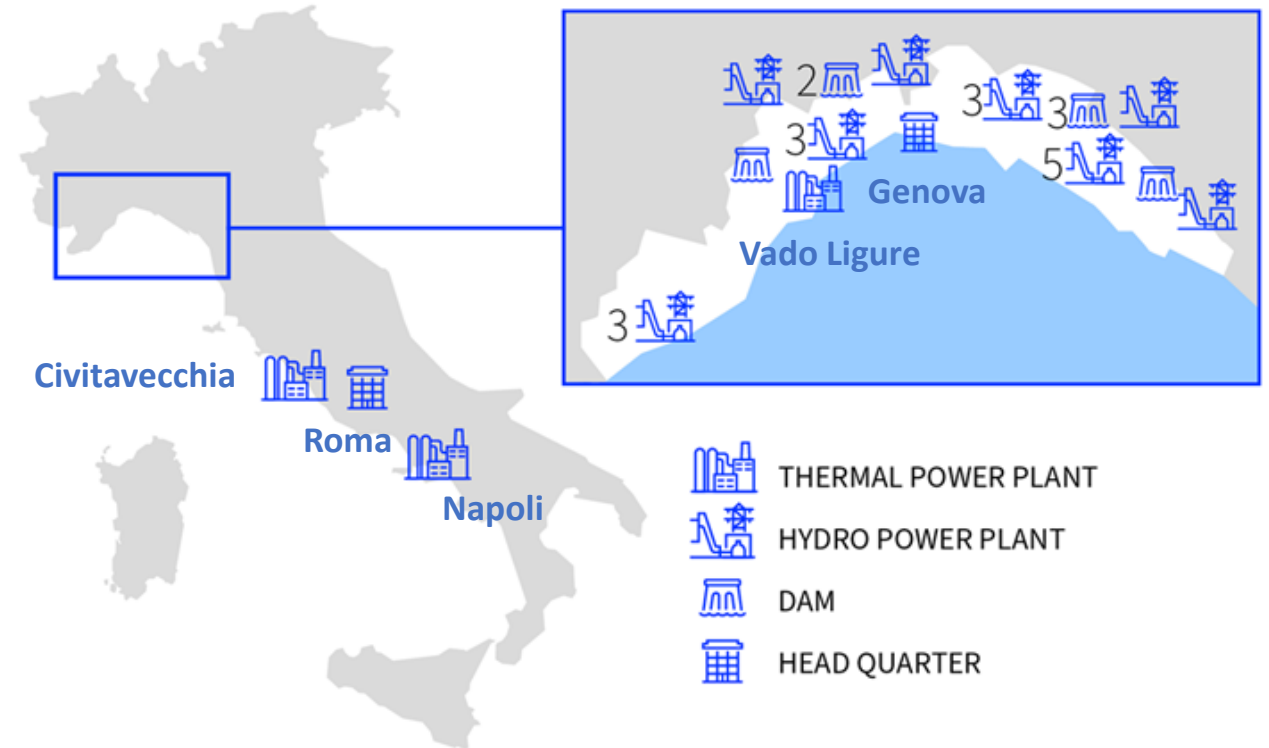
**TIRRENO
POWER**

**TIRRENO POWER &
«ENERGIA PER I GIOVANI»**
SAVONA, 25/10/2024

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Direttore Persone e Organizzazione

Tirreno Power was founded in 2003 following the liberalization of the national electricity market. With approximately **2,500 MW** of available capacity, it is one of the main Italian producers of electricity. Tirreno Power is the first Italian operator to have completed the exit from coal-fired production.



THERMOELECTRIC POWER PLANTS

TIRRENO POWER'S PRODUCTION SITES

Tirreno Power **operates 3 combined cycle power plants** located in Vado Ligure (800 MW), Civitavecchia (two units: 800 MW and 400 MW), and Naples (400 MW)



Centrale Vado Ligure power plant



Napoli Levante power plant



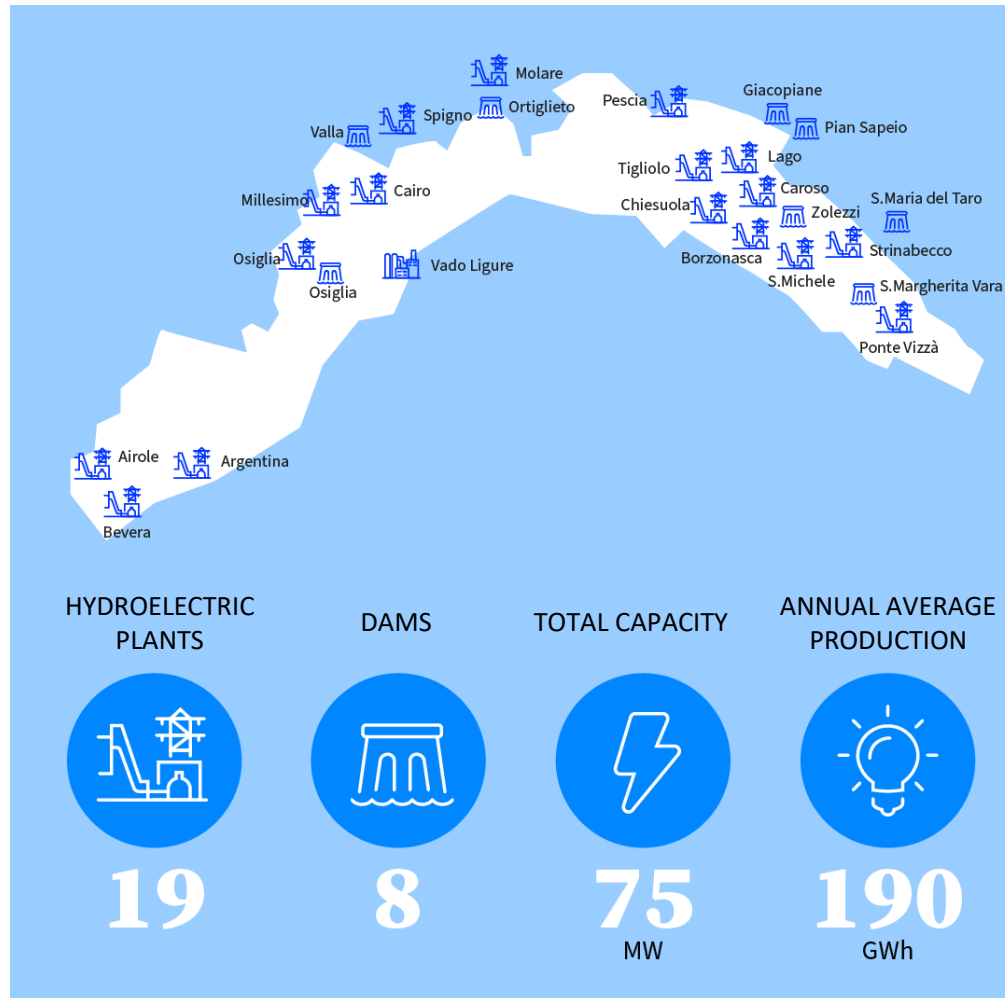
Torrevaldaliga Sud power plant

THE RENEWABLE PORTFOLIO

TIRRENO POWER'S HYDROELECTRIC POWER PLANTS

Tirreno Power manages **19 hydroelectric power plants**, representing **85%** of the installed capacity in Liguria.

Thanks to a substantial technological renewal plan, the overall efficient power of the plants has reached approximately **75 MW** and a total average annual production of **190 GWh**.



Giacopiane Dam

Tirreno Power believes that the development and sharing of skills represent precious resources that need to be promoted and supported. Improving the quality of work is possible through the exchange of experiences and values, always respecting individuality.

In 2018, as part of the "Energy of Skills" project, Tirreno Power initiated a partnership with the **University of Genoa** at the Vado Ligure site.

This cooperation included the possibility of conducting **teaching activities** within the plant's facilities and was aimed at developing a research and innovation hub.

In this perspective:

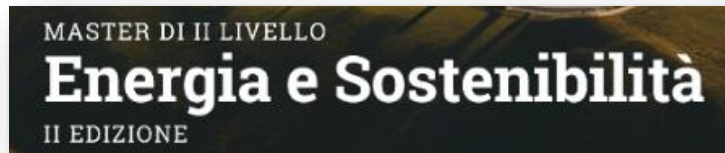
- a **laboratory equipped with a micro-turbine** has been set up to study and develop the performance of combined gas cycles
- **Tirreno Power and the University of Genoa** have joined **two research projects** funded by the European Union with the aim of developing innovative solutions for balancing the contribution of intermittent renewable sources and improving the flexibility of the electricity system.





FLEX n' CONFU is the European project for efficient, flexible and innovative Power-to-Power solutions in which Tirreno Power has participated since its launch.

In 2023, Tirreno Power participated in the second edition of the '**Sustainable PolyEnergy generation and HaRvesting**' conference, organised by UniGe at the Savona Campus.



Tirreno Power participates, as a main sponsor, in the 2nd Level Master's Course '**Energy and Sustainability**' organised by UniGe in partnership with Confindustria Genova, some of the most important companies in the energy field.

Tirreno Power supports the "**Energia per i Giovani**" project promoted by Confindustria Liguria and Ticass, together with UNIGE some of the most important energy companies in Liguria.



The **partnership** strengths:

- ✓ **Collaboration and Innovation:** participating in these projects allows us to get in touch with young talents, facilitating an ongoing exchange of new skills and the integration of new ideas and outlooks into corporate processes.
- ✓ **Skills Development:** these projects help to reduce the gap between academic skills and professional competencies, providing young people with the expertise required by the industry.
- ✓ **Territorial and Social advantages:** collaboration with local authorities and academic institutions helps to create a collaborative ecosystem that promotes sustainable growth and innovation, with positive impacts on the community.

