

2024

Sustainability Report at a glance

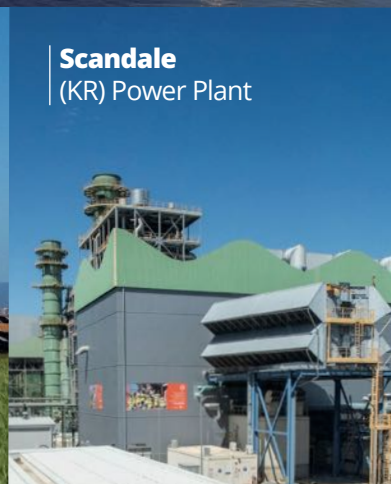
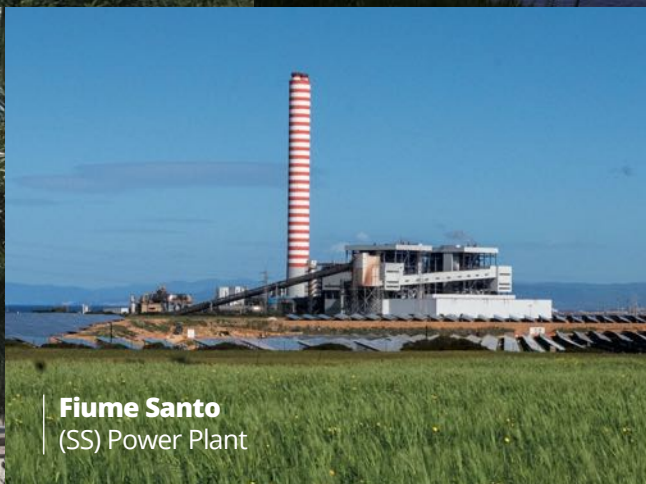


Learn more about
our commitment
to sustainability
on our website



EP PRODUZIONE

Energy, People, Passion



The 2024 Sustainability Report
is available on our website in full,
summary, and video formats



Check out the
2024 Environmental Declarations

Knowledge partner:
TEHA Group | The European House - Ambrosetti (ambrosetti.eu)

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Reflections on 2024

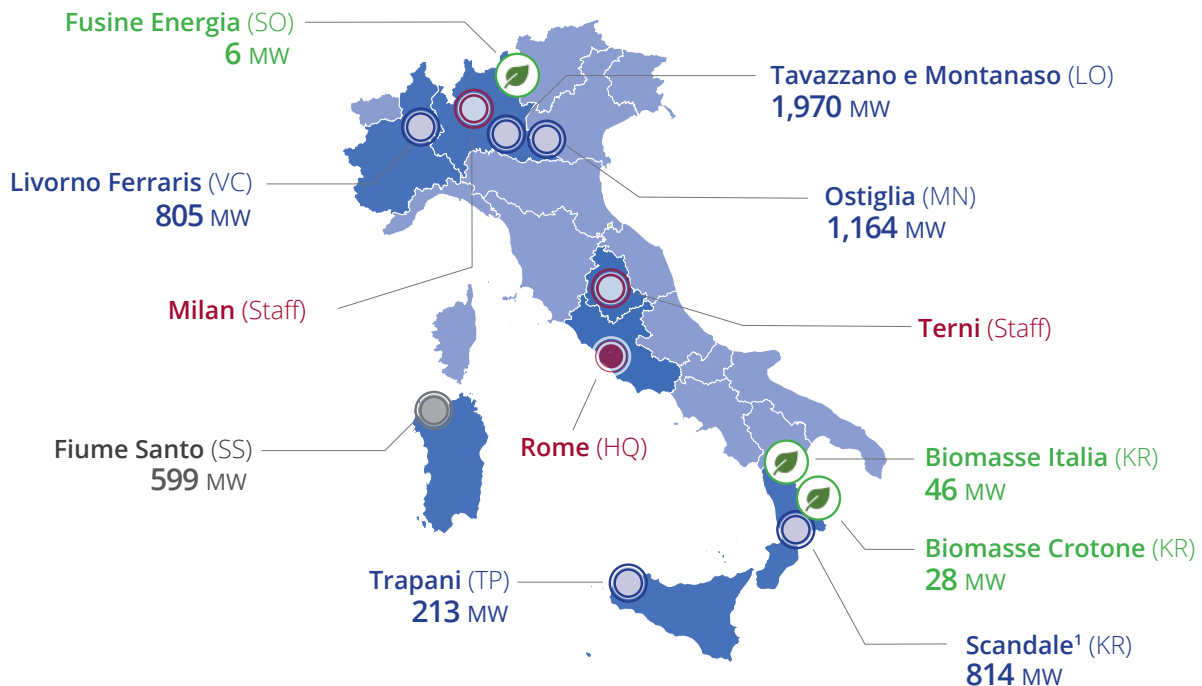


Luca Alippi
CEO EP Produzione

March 2025

“Our commitment to ensure a concrete contribution to the security and reliability of the national electricity system continued with determination in 2024. During 2024, the new unit at Tavazzano e Montanaso entered into operation. Work continues on the construction of the new combined cycle unit at the Ostiglia Power Plant. In addition to taking over the dispatching of the three biomass power plants that are part of the EPH Group, EP Produzione secured capacity for efficiency improvement projects and electrical energy storage systems through the Capacity Market auctions for 2025 and 2026. Our vision of a “Fiume Santo Energy Park” is starting to take shape. As a first step, we aim to begin construction, as soon as possible, of a 100 MW battery energy storage system (BESS). Additionally, a 10 MW ground-mounted photovoltaic plant and another 10 MW BESS have been authorized. The energy transition is a path that requires constant commitment, vision, and the ability to innovate, and we continue to tackle it with team spirit and values that set us apart: **People, Responsibility, Expertise and Courage.**”

Our power plants



EP PRODUZIONE



Gas Plants



Coal Plant



Headquarter Rome



Offices (Staff)

EP NEW ENERGY ITALIA



Biomass Plants



How does a combined cycle power plant work?

Available in Italian only

¹ Owned 50% by EPH Group, 50% by A2A Gencogas S.p.A. (50% managed by EP Produzione S.p.A.).

In Italy to grow

EP Produzione is the Italian power generation company of the Czech EPH Group (Energetický a průmyslový holding a.s.), one of Europe's largest privately held energy groups.

5th largest energy producer in Italy

5.2 GW

the **installed capacity**, also considering the new unit in Tavazzano e Montanaso, which was started up in 2024

6 thermoelectric power plants

of which five gas-fired and one coal-fired, managed according to the **highest environmental, safety and reliability standards**

€502 million

the investments planned for the 2025-2029 period, with over **€200 million allocated in 2024** between new capacity and upgrades on existing assets

€2.4 billion

total revenue achieved by EP Produzione in 2024

Commissioning

of the **new combined cycle unit** at **Tavazzano e Montanaso**

EMAS registration

voluntary environmental management system for all power plants, also **ISO 14001 (environment)** and **ISO 45001 (safety)** certified

80 MW

total installed capacity of EPH's **3 solid biomass power plants** dispatched by EP Produzione

over 3,100 MW

secured in the **Capacity Market auction organized by Terna** for new and existing capacity, for the delivery year 2025

Our contribution to the 2030 Agenda



CONTRIBUTE TO THE ENERGY TRANSITION

with efficient, flexible and programmable power plants that help improve the security and adequacy of the Italian electricity system

- **Efficiency** of the new units in Tavazzano e Montanaso and in Ostiglia **of over 62%**
- **Fiume Santo Energy Park**, for a productive future in view of the phase-out from coal
- **Electrochemical storage projects** to enhance the contribution of renewables



PROMOTE ACTIONS TO MITIGATE CLIMATE CHANGE

through the adoption of innovative technologies to produce energy while limiting atmospheric emissions

- **Reducing greenhouse gas emissions**, in line with the EPH Group's 2050 net zero vision
- EP Produzione is among the **partners of the Osservatorio H2 Verde Agici-Fichtner**



GUARANTEE OCCUPATIONAL HEALTH AND SAFETY

with the goal of achieving and maintaining zero workplace injuries

- **2.1 is the overall accident frequency index** across operating power plants and new units construction sites
- **HSE Improvement Plan 2022-2024** successfully completed at all sites



PROMOTE SUSTAINABLE ECONOMIC GROWTH OF THE COUNTRY

ensuring lasting employment and generating value for the local area, also by prioritizing local suppliers

- **1,246 active suppliers** for a total expenditure of over €114 million
- **Sponsorships, donations and partnerships** with schools, technical institutes and universities



BUILD RESILIENT INFRASTRUCTURE THAT ENABLES A SUSTAINABLE TRANSITION

through investment in new, more efficient capacities with state-of-the-art technologies

- **First mapping of physical climate risks** relevant to EP Produzione
- **120 hours of training** to cope with accidents caused by potential extreme weather events

Decarbonization

We are open to change and encourage innovation
#futureorientation #criticalthinking #perseverance

New capacity

In 2024 the commissioning process of the new unit in Tavazzano e Montanaso was undertaken, while work continues in Ostiglia. With an efficiency of over 62%, thanks to the installation of state-of-the-art technologies, the new CCGT units will play a key role in EP Produzione's decarbonization pathway and align with the goals of the National Energy and Climate Plan (NECP).



 The power plant's total electrical output increased from 1,170 MW to **1,970 MW**

Over 70% reduction NO_x emissions both mass and specific



 **Ansaldo Energia gas turbine - GT36** - is hydrogen ready

New volumes offset by **demolition** of **50,000 m³ tanks** no longer in use



 **10,000 trees planted** across the Adda Sud Park as a compensation measure

 **Reduction of CO and NO_x emissions** both mass and specific

Siemens Energy gas turbine - 9000HL - is hydrogen ready



 **Reduced thermal impact** on the Po River: the cooling of the plant will be air-cooled

The area of interest is **furthest from the town center** and no new land will be committed



 **Planned forestation** with native shrub and tree species, amounting to about **10 hectares**

Decarbonization

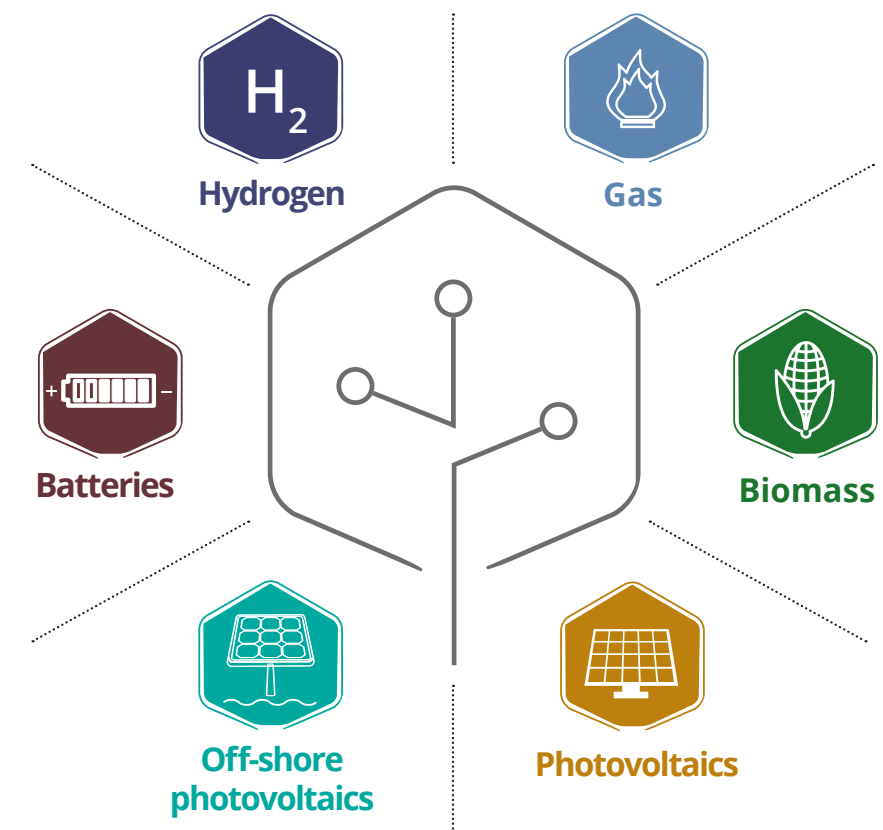
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Fiume Santo Energy Park

Fiume Santo Energy Park is a vision for the conversion of the Fiume Santo Power Plant in view of the **coal phase-out planned in Sardinia by 2028**, through a mix of renewable energy sources, such as photovoltaic, batteries, biomass and hydrogen, and low environmental impact sources such as natural gas.

In one site, we envisage an **integrated and balanced energy mix**, with the goal of supporting the achievement of the 2030 targets identified by NECP.

Authorization was already granted for the construction of a **10 MW ground-mounted photovoltaic system** and **2 battery energy storage systems (BESS)**, respectively of **100 MW** and **10 MW**.



Decarbonization

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Additional projects and technologies for a Low-Emission Energy System

EP Produzione is actively contributing to the national energy transition through concrete investments in technologies that support decarbonization.

In line with the objectives set out in the 2024 National Energy and Climate Plan (NECP), and in addition to two new state-of-the-art combined cycle units, the company secured capacity through Terna's Capacity Market auctions for 2025 and 2026 to implement energy efficiency upgrades and Battery Energy Storage Systems (BESS) in Trapani, Fiume Santo and Ferrara.



HYDROGEN

EP Produzione is partner of the Osservatorio H2 Verde Agici-Fichtner to explore the potential of this energy carrier in the decarbonization process and support its development as an economically sustainable solution.

Our values

PEOPLE
CARE
TRUST
COLLABORATION



RESPONSIBILITY
SAFETY
SUSTAINABILITY
CONSISTENCY



COMPETENCE
COMMITMENT
SHARING
PROACTIVITY



COURAGE
FUTURE ORIENTATION
CRITICAL THINKING
PERSEVERANCE



People

We believe in people's value
#care #trust #collaboration

People are at the heart of EP Produzione's commitment. We believe that a strong safety culture is essential to protect those who work with us and fundamental to the proper functioning of our business. This awareness permeates the entire organization and is embodied in our motto: **#abbicura**. In 2024, we continued to focus on two key priorities: **gender equality and generational renewal**. We were also ranked among **the 100 most attractive companies for Generation Z** by the Joinrs platform and presented with the **Caring Company 2024 award** by the Lifeed association, for creating an inclusive and employee-friendly work environment.

Health and Safety



#abbicura the motto which underpins our corporate philosophy through which we guarantee the safety and health of our people

over 3,960 Safety Walks & Talks organized across Power Plants i.e., **+82%** compared to 2023

2,240 training hours focused on health and safety

Well-being



529* the people who make up our team, **almost entirely hired on a permanent basis**

43 new colleagues hired in 2024, of which **42% are under 30** and **23% women**

EP People the welfare program that offers over **100,000 employee services**

>26,000 training hours for the development of our people, amounting to 51 hours per person

Diversity and Inclusion



40% female figures in staff functions, **16% out of the total**

Valore D the association of companies that **promote gender balance**

Train the trainer the training program dedicated to generational turnover in which senior employees transfer their skills and know-how to new hires

EPP Next the onboarding program designed for new-hires with 2 meetings held in Ostiglia and Livorno Ferraris

* Excluding employees of the Scandale Power Plant.

Territory

We are responsible towards ourselves, our colleagues,
the environment and society

#safety #sustainability #consistency

In 2024, we continued to create value for local communities not only through direct employment and local supply chains, but also by promoting initiatives in collaboration with schools and associations. Through the **efficiency upgrade projects at Ostiglia and Tavazzano e Montanaso** we drive a positive transformation of production sites, where outdated infrastructure is being dismantled to make way for new generation facilities.

Generation of value for the local area



1,246 active suppliers,
representing a total expenditure
of **over €117 million**

41% share of expenditure,
amounting to approx. **€43 million**, which
remained in the local area thanks to
collaborations with local enterprises

60 high schools involved
in the **La Nuova@Scuola** project to
strengthen the link between Sardinian
businesses and students

Sponsor of **Dinamo Sassari**
for the 10th consecutive year in the LBA
national championship

Environmental protection



**Lower mass
emissions** of NO_x, CO, SO₂
and dust particles (Fiume Santo)
from 2022 to 2024

Demolitions of old tanks
at the Trapani Power Plant, with
dismantling processes also launched
in other plants

34,000 plants planted
out at the Livorno Ferraris Power Plant
thanks to a mitigation project, ongoing
for 15 years

86% non-hazardous waste
produced and recycled in 2024 as
part of a circular economy approach