



Producer Responsibility



Sustainability  
Report

24



**We build connections  
that create possibilities  
for the future**

## **INDEX**

Letter to stakeholders	page 5
Erion WEEE	page 6
Erion Professional	page 8
Erion Energy	page 10
Erion Packaging	page 12
Erion Care	page 14
Erion Textiles	page 15
Erion Compliance Organization (ECO)	page 16
European projects	page 17
Economic data	page 17
Social data	page 18
Communication	page 20





# Letter to stakeholders

Constructing, brick by brick, project by project and campaign by campaign, involving all our *stakeholders*, starting with citizens, a shared culture of ethical behaviour and virtuous actions that aim to protect the environment, promote sustainability, and encourage the adoption of a circular economy. This is the area in which the operational plan of the six Erion System Collective Scheme and their service company, Erion Compliance Organization, was developed in 2024.

The *plus* sign accompanying our collection volumes makes it clear that 2024 was a positive year. A total of **268,350 tonnes of waste was collected, which is a 6% increase on the previous year**. Recycling Household WEEE, WB and Packaging **meant that 88% of the collected materials could be returned**

**to the production cycle**. This equates to the weight of 513 high-speed trains. In 2024 alone, we prevented **795,000 tonnes of CO<sub>2</sub> eq** from being emitted into the atmosphere, which is equivalent to the emissions produced by a car travelling 110,000 laps around the equator. We saved **332 million kWh of electricity**, which is equivalent to the annual consumption of around 123,000 Italian households. We also conserved **1.4 million cubic metres of water**, equivalent to the average annual water usage of around 9,000 Italian households.

These numbers tell the story of who we are, the commitments we make on behalf of our Producers, and what motivates us to help improve the country every day. This inspires us to imagine and construct. Piece by piece.

## Presidents



**Gianpaolo Platto**  
Erion WEEE



**Giuseppe Fasulo**  
Erion Professional



**Andrea Sanvito**  
Erion Energy



**Claudio Formisano**  
Erion Packaging



**Michele Samoggia Zerbetto**  
Erion Care



**Raffaele Guzzon**  
Erion Textiles



**Andrea Fluttero**  
Erion Compliance Organization

# Erion WEEE

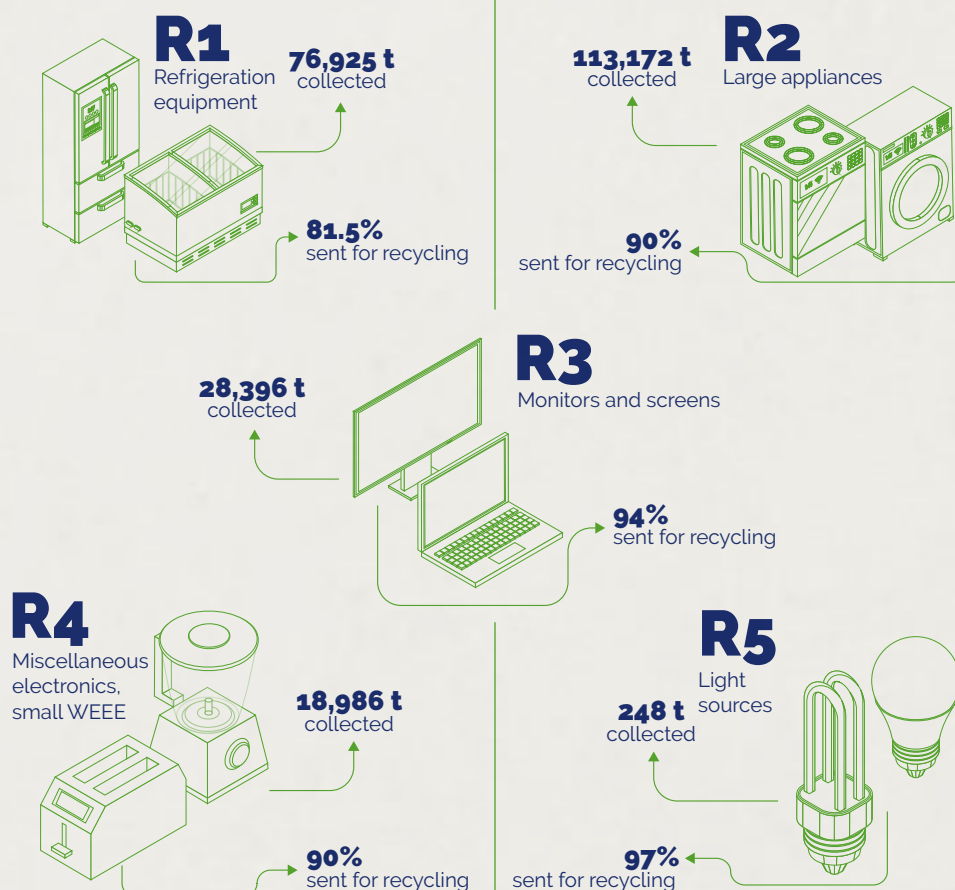
## Household and Professional WEEE



Erion WEEE is the national Collective Scheme responsible for managing **Waste Electrical and Electronic Equipment (WEEE)**. With 1,595 Members, it manages around 67% of Household WEEE in Italy.

In 2024, Erion WEEE managed **237,728 tonnes** of Household WEEE, which was approximately 2.5% more than in 2023, achieving the following recovery and recycling results.

## The 2024 collection numbers





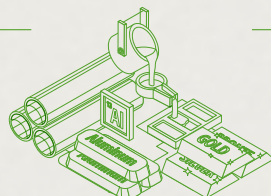
**323,827,405  
kWh**

Erion WEEE helped  
save 323,827,405 kWh  
of energy



**791,368  
tCO<sub>2</sub> eq**

Erion prevented 791,368 tCO<sub>2</sub> eq  
from being emitted into  
the environment



Of the total Household WEEE managed, **88%** was  
sent for recycling, putting **208,699 tonnes** of  
Secondary Raw Materials back into production cycles.

## Recycled Secondary Raw Materials

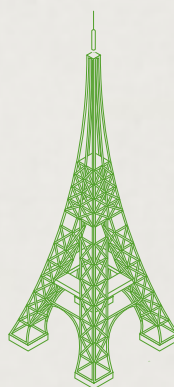
**30,055 t  
of plastic**

which is equivalent to the  
amount needed to produce  
over **12,000 garden chairs**



**126,672 t  
of ferrous metals**

which is equivalent to the  
amount needed to build  
**17 Eiffel Towers**



**5,443 t  
of aluminium**

which is equivalent to the  
amount needed to produce  
over **340 million cans**



**6,038 t  
of copper**

which is equivalent to the  
amount needed to clad  
**67 Statues of Liberty**



During the year, it worked on several fronts:

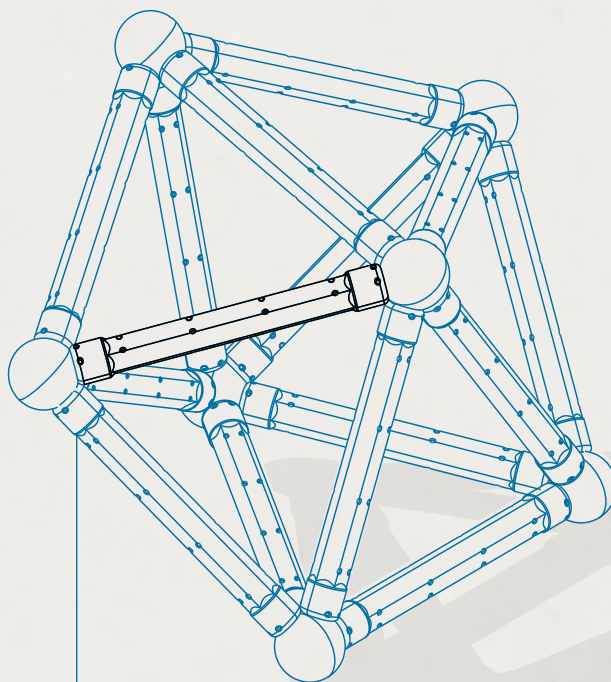
- exchanges with Parliament and the MASE resulted in significant achievements, including the approval of key amendments to Legislative Decree 49/2014 as part of the “*Salva Infrazioni*” (Infringement Prevention) Decree Law. These amendments have radically simplified the bureaucratic requirements for “one-for-one” and “one-for-zero” WEEE take-back by Distributors, and have imposed an obligation on

all Collective Schemes to finance annual awareness campaigns;

- awareness-raising initiatives such as: “**DireFareRAEE**”, the major communication programme launched by Erion WEEE in 2022 and continued in 2023 and 2024; the tour promoting the “**Materia Viva**” **documentary film**, which was screened in 84 Italian locations; and the “*Materia Viva a scuola di RAEE*” educational project aimed at secondary school students.

# Erion Professional

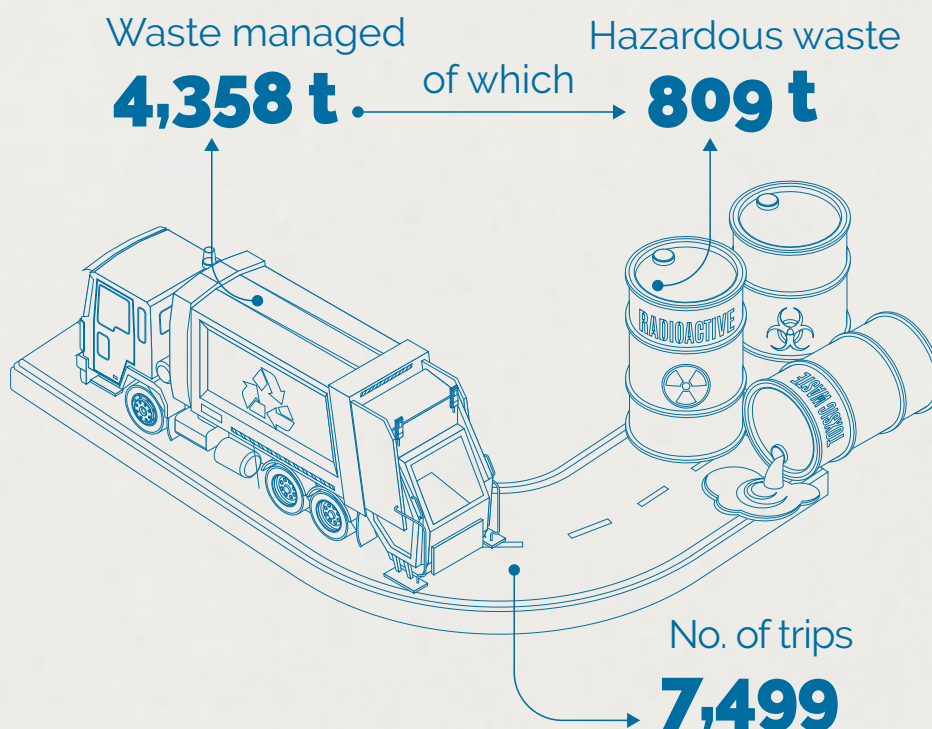
Professional WEEE



Erion Professional is the leading national not-for-profit Collective Scheme for the management of **Professional Waste Electrical and Electronic Equipment (WEEE)**. Its mission focuses on two main objectives: ensuring regulatory compliance and acting as a business partner to producers.

The aim of the Collective Scheme is to provide a specialized service for the collection and recycling of Professional WEEE, fulfilling national and European legal obligations in a certified and cost-effective manner.

## The 2024 collection numbers





The year 2024 was dedicated to consolidating its membership base, promoting itself widely on the

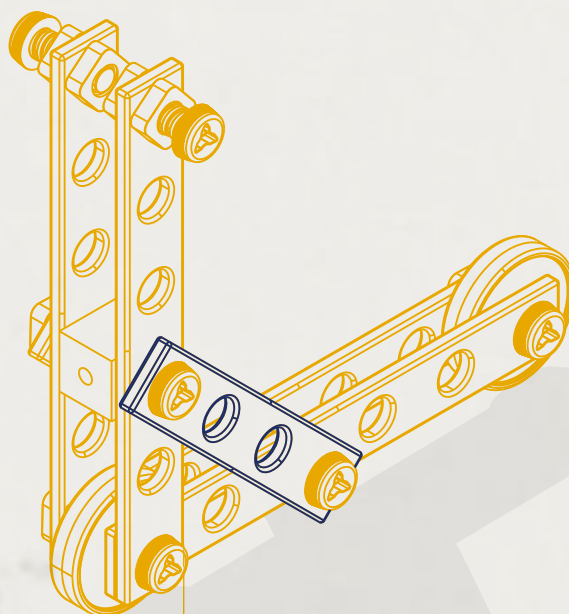
market and strengthening its day-to-day relations with producers.

### The EXCEED System

- **Exceed Clima.** It is Erion Professional's programme to provide a more efficient collection system for Professional WEEE from the **air conditioning sector**. With Exceed A/C, producers and HVAC installers can enjoy significant administrative simplification and the benefits of compliant WEEE management. Erion Professional aims to be a one-stop shop for businesses, so its services also include take-back of household WEEE and F-gas, allowing users to deal with a single supplier.
- **Exceed Food.** It is dedicated to Professional WEEE belonging to **the Ho.re.ca sector, specifically the sector dedicated to "Slicers and similar"** for both non-refrigerated and refrigerated equipment.
- **Exceed Printing.** It provides an efficient collection system for Professional WEEE from the **Printing sector**. As with the other initiatives, the strength of Exceed Printing lies in the extended management of the service. One of Erion Professional's greatest assets has always been its bureaucratic simplification for Producers and users, which in this case means, for example, that Erion Professional is prepared to take back not only printers but also all other office equipment.

# Erion Energy

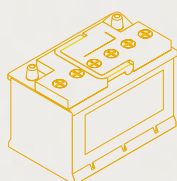
## Waste Batteries



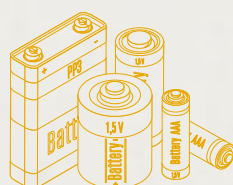
Erion Energy is the Collective Scheme responsible for managing **Waste Batteries (WB)**. In 2024, it had 1,396 member producers.

In 2024, Erion Energy managed **5,719 tonnes of WB**, achieving the following recovery and recycling results.

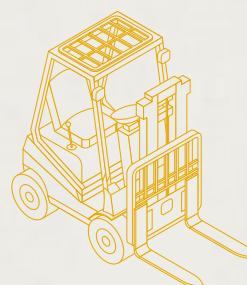
## The 2024 collection numbers



**4,223 t** of automotive batteries

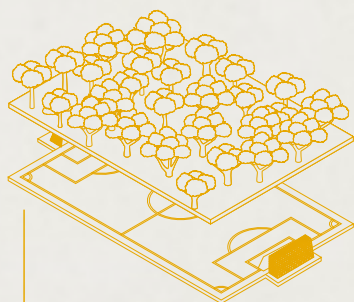


**1,384 t** of portable batteries

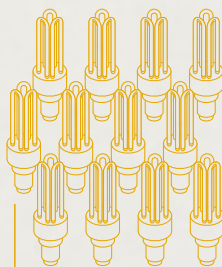


**112 t** of industrial batteries

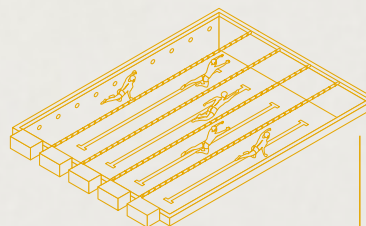
## Erion Energy in 2024



**Over 800 tCO<sub>2</sub> eq avoided**  
equivalent to the amount absorbed  
in one year by a forest the size of  
**125 football pitches**

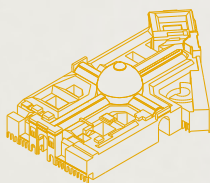


**Over 2 million kWh saved**  
equivalent to the amount  
used by over **54,000 LED bulbs** if  
they were left on for a year



**Over 820 thousand m<sup>3</sup>  
of water saved**  
equivalent to the volume  
of **329 olympic-size  
swimming pools**

## Recycled Secondary Raw Materials



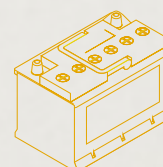
**1,482 t  
of ferrous metals**  
equivalent to the quantity  
needed to build  
**4 Vittorio Emanuele  
Galleries (Milan)**

**427 t  
of zinc**  
equivalent to the quantity  
needed to produce  
around **75 million  
1 Euro coin**



**42 t  
of aluminium**  
equivalent to the  
quantity needed  
to produce over  
**2.6 million can**

**2,471 t  
of lead**  
equivalent to the  
amount required  
to produce  
**247,000 new lead batteries**



During the year, Erion Energy:

- played a leading role in the dialogue between the Batteries Clearing House and the relevant Institutions, with the aim of ensuring that the Battery Regulation considers the specificities of the Waste Batteries cycle when transposed;
- confirmed its commitment to participating in research and innovation projects funded by the European Commission;

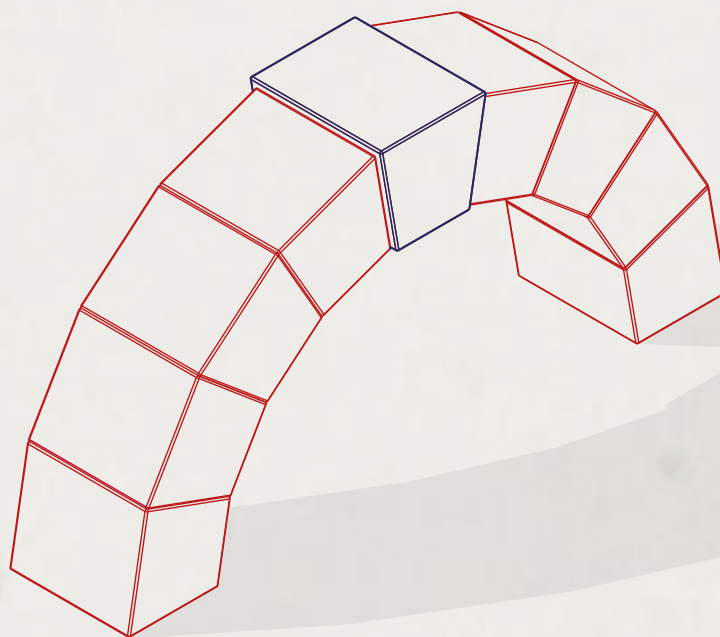
- contributed to amending Italian legislation to simplify compliance with Extended Producer Responsibility for third-party sellers operating in online marketplaces by converting Legislative Decree No. 131 of 16 September 2024 into law;
- reached out to citizens nationwide with the "Energia al Cubo" awareness project.

**ENERGIA  
AL CUBO!**



# Erion Packaging

## Packaging Waste



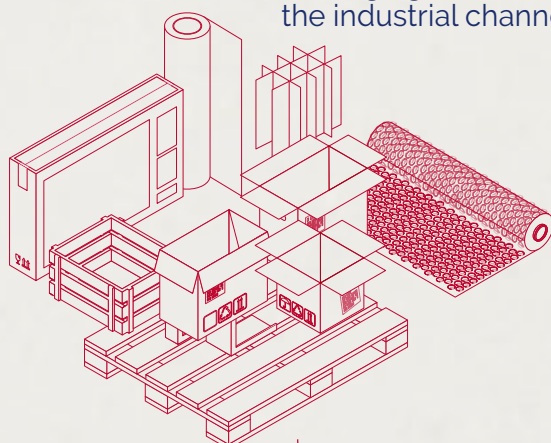
Erion Packaging is the Erion System's Collective Scheme for managing **Packaging Waste for Producers and importers of Electrical and Electronic Equipment (EEE)**, including its

components, accessories, and spare parts, as well as **Batteries**. It is the **first autonomous, multi-material Collective Scheme in Italy** to include Producers as well as users.

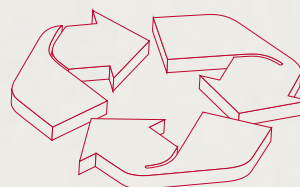
## The 2024 collection numbers

**20,545 t**

Packaging Waste managed from the industrial channel<sup>1</sup>



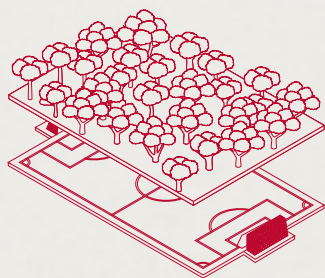
about  
**19,530 t**  
sent for recycling



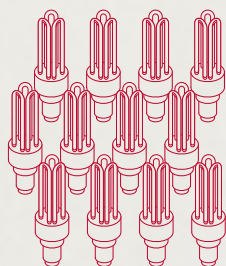
<sup>1</sup> Tonnes originating from the household channel have not been taken into account, as these are managed by supply chain Consortia with which specific agreements have been made.



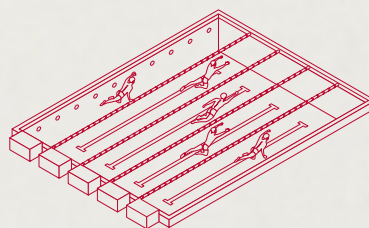
## Erion Packaging in 2024



**Over 2 thousand tCO<sub>2</sub> eq avoided**  
equivalent to the amount absorbed  
in one year by a forest the size of  
**355 football pitches**

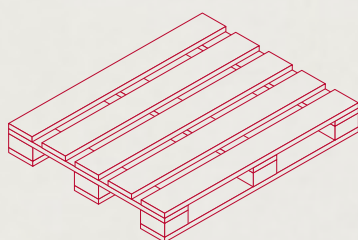


**Over 6 million kWh saved**  
equivalent to the amount  
used by over **152,000 LED bulbs** if  
they were left on for a year



**Over 620 thousand m<sup>3</sup>  
of water saved**  
equivalent to the volume of  
**248 olympic-size swimming pools**

## Recycled Secondary Raw Materials



**7,942 t  
of wood**  
equivalent to the quantity needed  
to produce around  
**397 thousand wooden pallets**

**8,410 t  
of paper**  
equivalent to the amount required  
to produce around **3.3 million reams**  
of **500 A4 sheets of paper**



**3,177 t  
of plastic**  
equivalent to the amount  
required to make around  
**1.3 million garden chairs**

During the year, it worked on several fronts to:

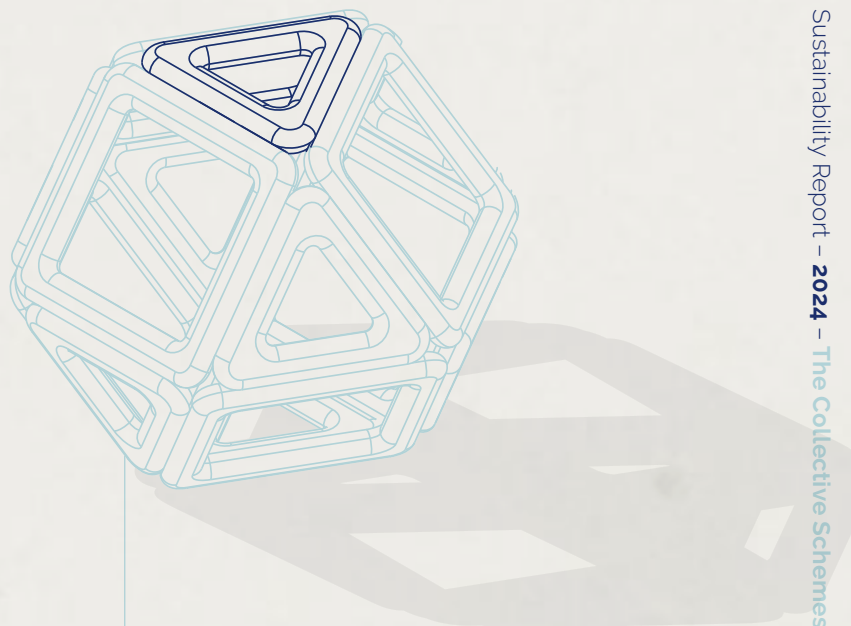
- introduce an economic incentive mechanism for waste producers and suppliers of collection and treatment services;
- consolidate and increase relations with national

and international stakeholders, such as institutions, citizens and other supply chain consortia;

- intensify relations with the MASE and ISPRA;
- strengthen the role of the Collective Scheme within the Italian Packaging system.

# Erion Care

## Tobacco Products Waste

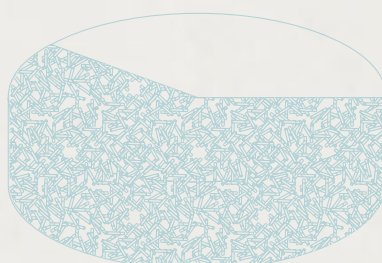


Erion Care is Italy's first Extended Producer Responsibility (EPR) Collective Scheme dedicated

to preventing **Tobacco Product Waste** from being littered and ensuring its proper management.

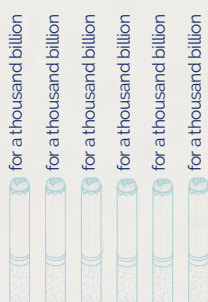
The number  
of cigarette  
butts littered  
in the environment <sup>2</sup>

Percentage of cigarettes  
smoked in public places are  
improperly disposed of by  
littering



64%

6,000,000,000,000  
cigarettes smoked  
worldwide each year



4,500,000,000,000  
cigarette butts littered  
worldwide each year

In 2024, it committed itself to:

- supporting Members in their transition to a sustainable EPR model by offering customized advice, environmental compliance services, and communication projects that strengthen companies' environmental commitment;
- setting up a technical secretariat and portal to coordinate activities and enable Associate Members to access contributions, thus extending

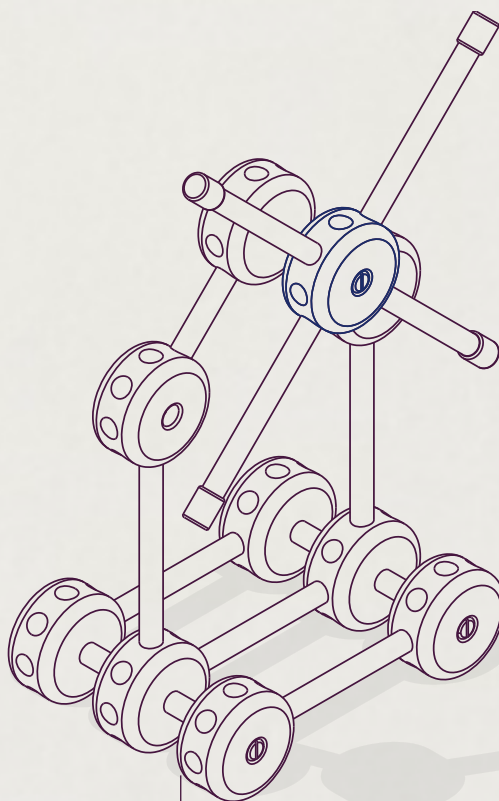
its operations throughout Italy;

- renewing the **"Senza Filtri"**; awareness campaign;
- strengthening its commitment by evaluating the effectiveness of urban litter interception systems for tobacco products using satellite-derived information based on spectrometric bandwidth and artificial intelligence algorithms developed by the start-up company JustOnEarth.

<sup>2</sup> Data from the study *The abandonment of cigarette butts in the environment. Strategies and solutions to avoid it* carried out by the consulting firm dss+.

# Erion Textiles

## Textile Waste



Erion Textiles, founded in April 2023, is the sixth non-profit Collective Scheme of the Erion System and **manages Textile Waste in Italy**.

Erion Textiles' vision is to empower textile products producers to play a key role in defining the circular management system for their products.

In 2024, it dedicated itself to:

- build relationships with major apparel retailers and potential members by organizing one-to-one meetings and events to raise awareness of the circular economy within the textile industry;
- launch the "Associates" working group to evaluate

possible innovative services and regulatory updates with industry *stakeholders*;

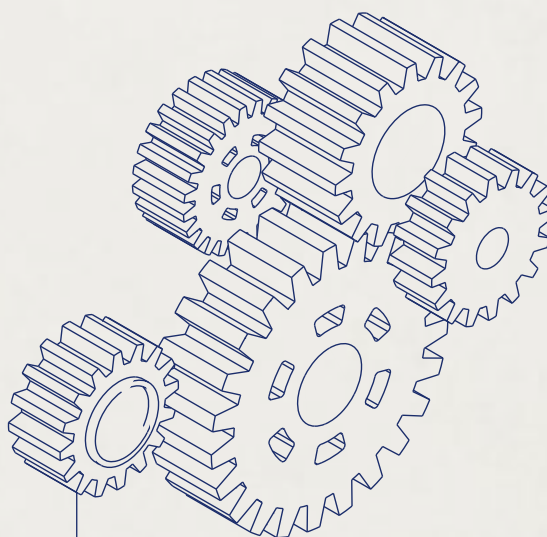
- conduct a simulation of eco-contributions calculation;
- define a strategic plan to guide the actions of the Collective Scheme until 2026.

Erion Textiles is actively involved in:

- the *Textiles PRO Forum*, an initiative that aims to harmonize the EPR system at a European level;
- the *Policy Hub*, the *European Branded Clothing Alliance (EBCA)* and the *European Federation of Security Industries (FESI)*, to promote joint action on textile waste management and sustainability.

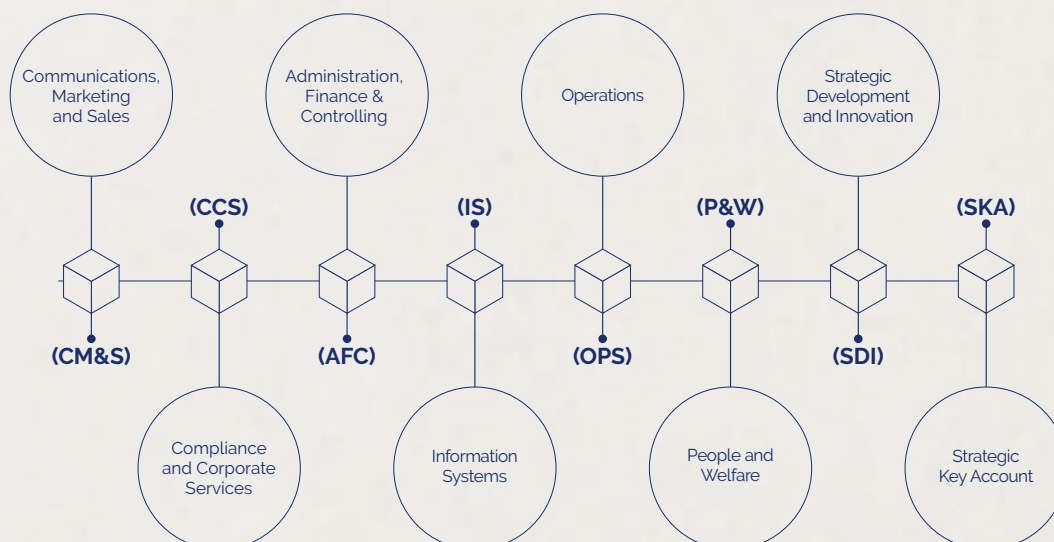
# Erion Compliance Organization (ECO)

Integrated services for Collective Schemes



Erion Compliance Organization (ECO) is the integrated service platform that supports the individual Collective Schemes on a daily basis in achieving their objectives and harmonizing their strategies towards a common vision. The medium- and long-term strategic goals of ECO are based on four main pillars:

- 1. Efficiency and standardization**
- 2. Reputation and authoritativeness**
- 3. Integrated approach to process management**
- 4. Active and concrete promotion of the circular economy and sustainability**

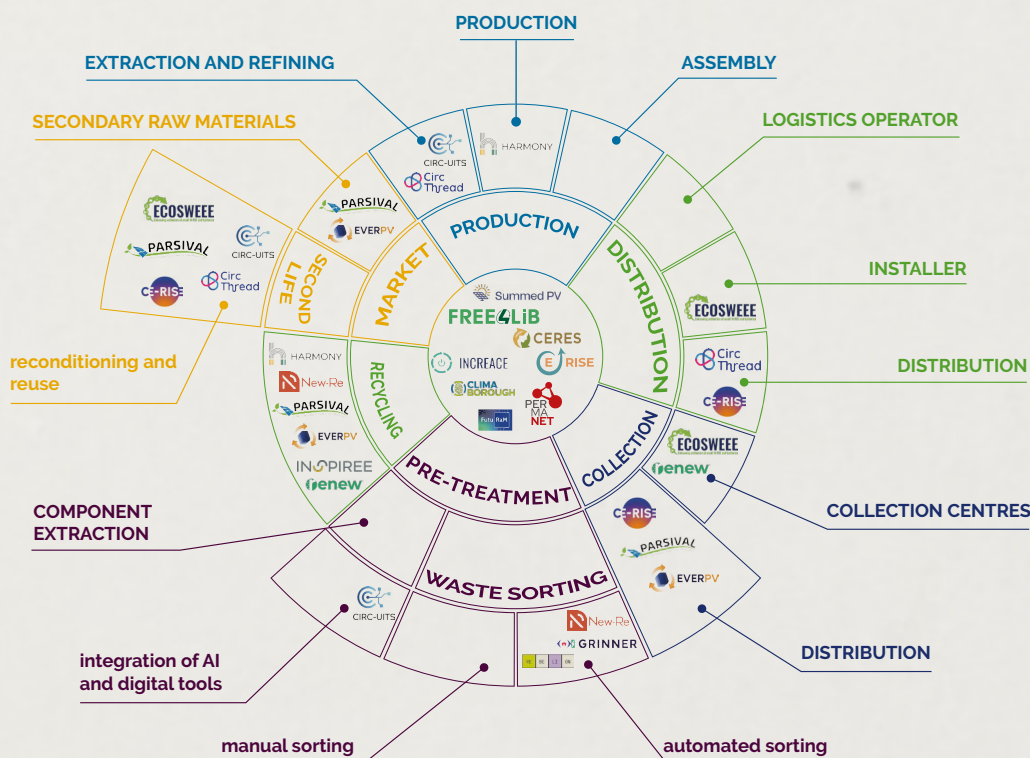




# European projects

At Erion, innovation is driven by research, training and communication projects and participation in programmes funded by the European Union.

European projects offer Erion the opportunity to acquire advanced skills that can be shared with its partners and associates.

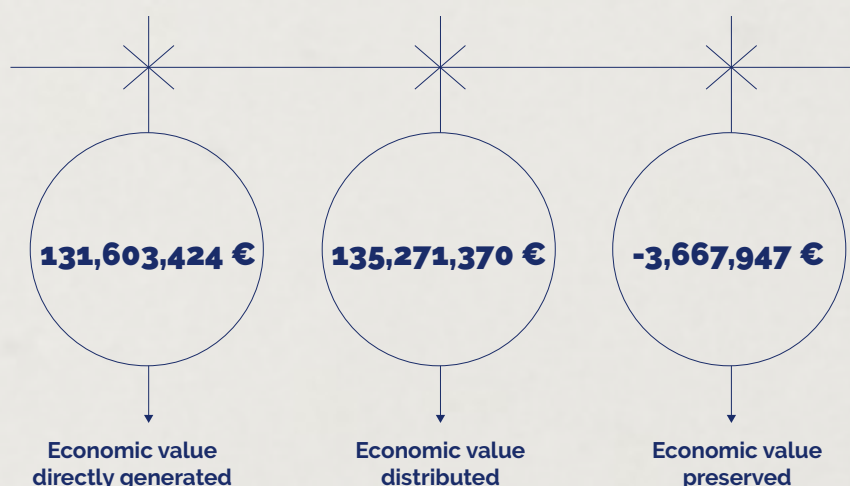


# Economic data

In 2024, Erion generated EUR 131,603,424 and distributed EUR 135,271,370 to suppliers, employees, Public Administrations and the community. The preserved economic value, i.e. the difference between the economic value generated and the economic value distributed, amounts to minus EUR -3,667,947 in 2024.

A figure that should not come as a surprise: given the non-profit nature of the Erion System, the operating surpluses of all Collective Schemes are used to build up reserves to cover future costs and possible deficits in the following years.

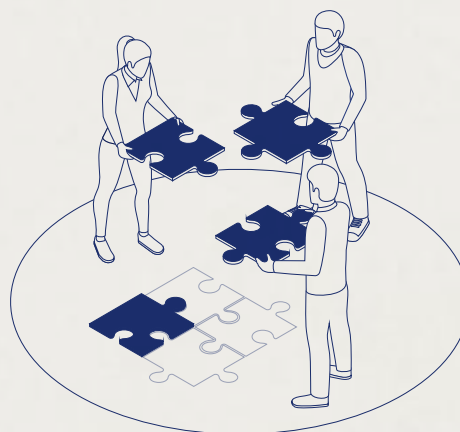
## The creation and distribution of value in the territory



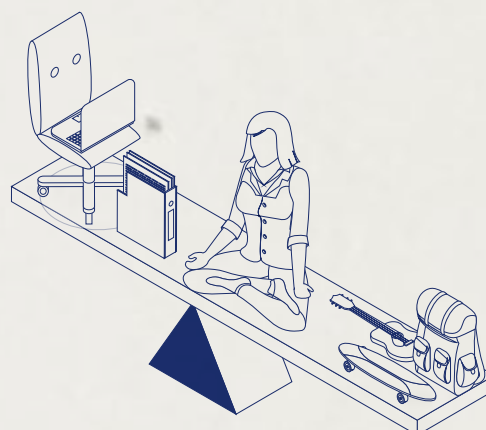
# Social data

Erion's human resources management is based on three key principles

**People well-being**  
creating an inclusive  
and fair environment



**Flexibility**  
supporting a healthy  
work-life balance



**Training**  
promoting personal  
and professional growth

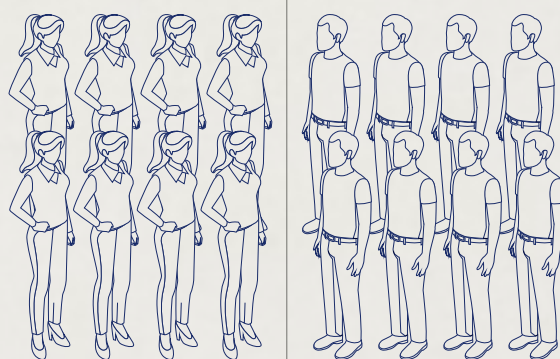


# The people of Erion

People are the backbone of the Erion System: it is thanks to them that value can be created in the business processes and services offered.

Erion employed 66 people on 31 December 2024, of which 43 women.

## Looking at the Management and Leadership of Erion, 8 out of 16 are women



### FLEXIBILITY

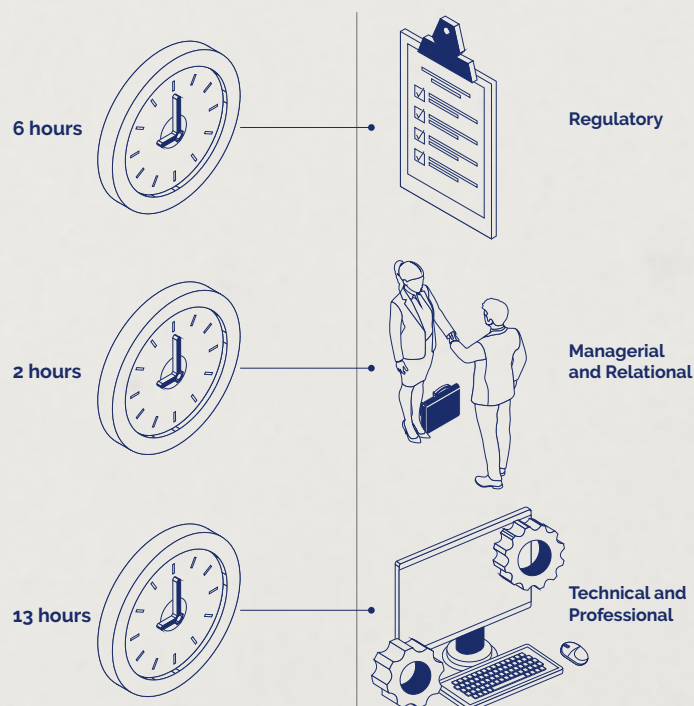
- **Agile Future model:** a flexible contractual arrangement that allows employees to work remotely up to three days a week without strict restrictions on the start and end of the working day.
- **Employee welfare:** Erion offers its employees personal and professional development sessions through its Welfare Coaching and Business Coaching desks.

- **Part-time:** Erion offers the possibility of part-time contracts, subject to a case-by-case assessment, for those who, for various reasons, require different working hours.

### TRAINING

Erion considers training and knowledge sharing to be key elements for the success and growth of its employees.

## AVERAGE HOURS OF TRAINING PER CAPITA BY AREA



# Communication

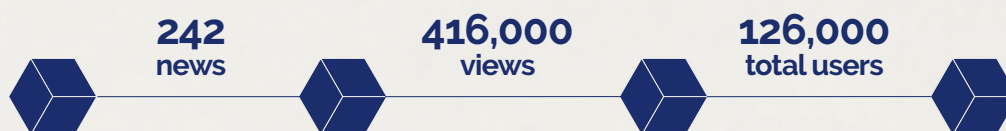
Erion aims to be recognised as a **leading voice in the field of sustainability and the circular economy**, therefore maintains an ongoing dialogue with the **media, institutions, citizens** and **all stakeholders** in order to contribute to the improvement of the

sectors in which it operates, to disseminate its initiatives, to keep abreast of issues relevant to its activities, to raise awareness of proper waste management and to promote knowledge of the circular economy.

## WEBSITES

Erion's institutional website, as well as the websites of the individual Collective Schemes, are constantly updated with news, press releases, updates on the

activities of the System and its Collective Schemes, and information for all *stakeholders*. They are supported by two dissemination platforms.



**7**  
Institutional websites are the most direct and complete source of information on Erion and its Collective Schemes.

www.erion.it  
www.erionweee.it  
www.erionprofessional.it  
www.erionenergy.it  
www.erionpackaging.it  
www.erioncare.it  
www.eriontextiles.it

**www.erionpervoi.it**

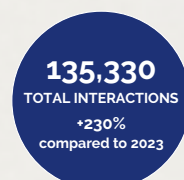
Aimed at citizens to involve them personally through the dissemination of best practices for proper waste management. The website also gathers initiatives and events of interest promoted or reported by Erion.

**www.erionessereresostenibili.org**

Portal dedicated to the dissemination of the operational, environmental and economic performance of the System.

**2**  
Platforms created to provide Erion *stakeholders* with dissemination, analysis and in-depth content.

## SOCIAL CHANNELS



Facebook, LinkedIn, Instagram, X and YouTube: Erion talks about its activities and achievements through various social channels, sharing videos and news, live streaming events and offering users a 360-degree view of its world.



This is the web magazine promoted by Erion together with the Environmental Conflict Documentation Centre on the topics of ecological transition and circular economy.

Inspired by the principles of constructive journalism, it presents technical and scientific content: from news and special sections to training courses and workshops. [www.economiacircolare.com](http://www.economiacircolare.com)



## PRESS OFFICE

Erion's Press Office is responsible for providing relevant content to the media through press releases and PR activities. In 2024, Erion's media relations activities focused in particular on consolidating and increasing the visibility of the Erion System and promoting the activities of the individual Collective Schemes.

For this reason efforts were concentrated on specific priorities such as: the results of the System and its Collective Schemes, awareness-raising activities and events, projects and/or programmes in which Erion is a partner or promoter, the creation of visibility opportunities for General Managers and Presidents.

**3,286 press release**  
including **52** on radio and TV

**54 communications**

## ERIONEWS NEWSLETTER

Erion's newsletter contains dedicated columns, exclusive interviews, news and insights to keep *stakeholders* up to date with Erion's commitment

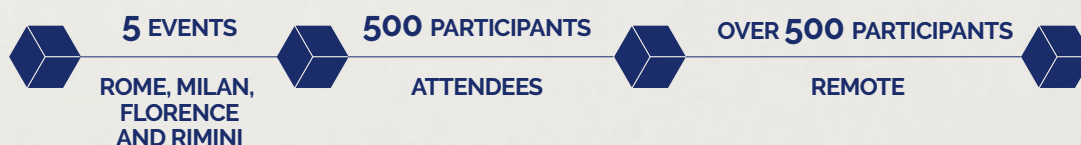
to the circular economy. In 2024, four ErioNews were sent out, one per quarter, plus a "Special Report".

ERIONEWS 2024

**14,389**  
VIEWS

**2,598**  
CLICKS

## EVENTS







Via A. Scarsellini, 14  
20161 Milano

[progetti@erion.it](mailto:progetti@erion.it)  
[www.erionessereresostenibili.org](http://www.erionessereresostenibili.org)



**erion**

Producer Responsibility