



Ecodom. Remedia.
Producer Responsibility

Foundation

Erion was created in October 2020 from the fusion of two of the most important national Consortia, **Ecodom** and **Remedia**, who played a key role in the creation and development of the Italian Waste Electrical and Electronic Equipment and Batteries and Accumulators sector.

Erion is heir to two very rich traditions and histories of common commitment to the growth of environmental culture in our country. It is with this awareness that Erion looks to the future and envisages its developments and innovations. It does so by starting from the creation of an even more authoritative voice for the industry, able to interact with institutions to promote the regulatory processes necessary for Italy's transition to the circular economy and allow the harmonious development of the national waste management system. Its objective is to promote exchange and dialogue with all the other actors in the industry, to foster an ideal competition between compliance scheme systems and create environmental and economic value for the benefit of all parties involved. Ecodom and Remedia have traced this path and now Erion follows it with the purpose of making a strong contribution to the development of a more effective, efficient and sustainable national sector.

Background and development

Born from the experiences of Ecodom and Remedia, Erion is the strategic evolution of both Consortia in terms of operational structure, services dedicated to the associated Producers and commitment to the environment, the circular economy, research and technological innovation.

Erion is a non-profit organisation, created by Producers for the environment and the community for the purpose of ensuring:

- full compliance with environmental regulations;
- constant dialogue with all stakeholders involved;
- the creation of efficient eco-innovation services;
- the optimised and safe management of the collection, transport and treatment processes of WEEE (household and professional), WBA and Packaging Waste.

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The Erion System's structure is designed to effectively fulfil all obligations arising from the Extended Producer Responsibility. We have created Erion WEEE, Erion Professional, Erion Energy and Erion Packaging to place at the service of stakeholders four sector Compliance Schemes responsible for regulatory conformity services and the coordination of WEEE (domestic and professional), WBA and Packaging Waste management activities.

The sector Compliance Schemes are supported by ECO (Erion Compliance Organization), the common platform responsible for providing them shared services, harmonising their respective operational strategies and coordinating the areas of communication, innovation and development, European projects, regulatory compliance and operations.

Erion WEEE members are 2,318 and Erion WEEE is part of WEEE Forum.

Erion WEEE

Erion WEEE is the largest national Collective Scheme for the management of all Waste Electrical and Electronic Equipment (WEEE). On behalf of its Members, it is responsible for the collection of both household and professional WEEE and its treatment at authorised plants, avoiding the dispersion of pollutants into the environment while ensuring through proper recycling the recovery of materials to be reintegrated into the production flow, in full compliance with the principles of the circular economy.

Erion WEEE managed: Household WEEE, i.e. WEEE which derives from private homes (all categories covered: LHHA, SHHA, IT&T, CE, Lighting) and Professional WEEE, i.e. WEEE which comes from businesses and commercial and administrative activities.

Legal background

The Legislative Decree 49/2014 arises from the transposition of Directive 2012/19/EU which, in order to protect the environment and human health, defines the measures and procedures necessary for the improvement, prevention and reduction of the negative impacts deriving from the production of Electrical and Electronic Equipment and associated waste, both from households and businesses.

Related to the Decree there are some Ministerial Decrees which define its implementation aspects. Below are listed the most significant ones for Producers:

- **Financial guarantees Decree – Ministerial Decree No. 68 of 9 March 2017**

The Decree on financial guarantees regulates the ways in which EEE Producers must provide the financial guarantees, applicable only for WEEE from private households, while professional WEEE is not subject to this provision;

- **Rates Decree – Ministerial Decree of 17 June 2016**

The Ministerial Decree “Rates for covering the charges deriving from the waste management system for electrical and electronic equipment” establishes the charges and payment methods for covering the operating costs of the Supervisory and Control Committee, of the WEEE Steering Committee, of the activities performed by ISPRA for monitoring the WEEE collection rates and recovery targets, as well as for the keeping of the WEEE Register and the inspections activities by the Guardia di Finanza (Financial Police);

- **‘One-for-Zero’ Decree – Ministerial Decree No. 121 of 31 May 2016**

Ministerial Decree No. 121 regulates the simplified procedures for the take-back by Distributors of small sized WEEE from households, free of charge and without the obligation to purchase an equivalent product;

- **‘One-for-One’ Decree – Ministerial Decree 65/2010**

Ministerial Decree 65/2010 provides guidelines for the free ‘One-for-One’ take-back of WEEE coming from private households by Distributors, EEE installers and operators of assistance centres for such equipment. This Decree ensures the free take-back of the old equipment when purchasing an equivalent product.

What Do we Do

The role of Erion WEEE along the entire value chain is aimed at combining the reduction of the environmental impacts with the efficiency of a sustainable business model.



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Thanks to its strategic partnership with the services company TSR, Erion WEEE is able to offer an even more efficient service, with dedicated information and operating models capable of integrating data from all parties involved (Collection Centres, logistics operators and treatment plants), ensuring the full traceability of all WEEE under the Collective Scheme responsibility.

Erion WEEE does not only ensure full regulatory compliance but is also a valid support for everything concerning the Extended Producer Responsibility and the implementation of the circular economy in businesses.

Erion WEEE figures

In one-year (These figures represent the sum of the results individually achieved by Ecodom and Remedia in 2019) Erion WEEE managed: 239,952 tons of household WEEE of which:

- 75.455 tons of R1 (refrigerators, freezers and air conditioners);
- 99.685 tons of R2 (washing, cooking and other large appliances);
- 41.500 tons of R3 (TVs and monitors);
- 23.000 tons of R4 (small appliances, IT, consumer electronics, lighting equipment);
- 161 tons of R5 (light sources).

In addition:

- 215.033 tons of recycled Secondary Raw Materials;
- 1.476.031 tons of CO₂ not emitted into the atmosphere (equivalent to zeroing the emissions generated by the existing vehicle fleet of the entire Milan province for a 54 days period);
- 1.277.066 GJ (= 354.7 million kWh) of energy saved (equal to the annual electricity consumption of a city of 329,073 inhabitants – more than those of a city like Bari).



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Logistic system

The Erion System guarantees its associates the expertise and qualified professionalism to successfully address all issues relating to Extended Producer Responsibility.

For the executive phase of the waste collection, transport and treatment processes whose management falls under the responsibility of each sector Compliance Scheme, Erion has chosen to rely on the experience of the services company TSR.

Established in 2012 on Remedia's initiative, TSR has become over the years a point of reference in the recycling industry for its ability to select and coordinate, throughout the national territory, logistics operators and treatment plants of the highest environmental standards. Today, TSR represents not only Erion System's main contractor for the management of the waste under its responsibility, but also the partner for the design and implementation of innovative programs for the circular economy.

Treatment partners and technical control

The Erion System aims daily at absolute excellence in the organisation and management of all its internal and external activities. The four sector Compliance Schemes and the main contractor, TSR, constantly apply and improve operational protocols based on the highest safety standards and certified processes of quality and environmental management.

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