COMPANY PROFILE

SILEA
VALORIZZIAMO RISORSE

Environment
Energy
Territory

Who we are and what we do

SILEA is a public company owned by 91 municipalities in the provinces of Lecco, Bergamo and Como. It stands out as one of the key players in the Integrated Waste Cycle, playing a **pivotal role in the circular economy**. It benefits the community and the territory through:

- The **recovery of materials** collected through door-to-door separate waste collection and operates facilities for treating organic waste and recycling plastics;
- The management of 58 municipal collection centres (known as "recyclers"), which are accessible to both citizens and businesses, facilitating waste **recovery** and **recycling** efforts;
- **Energy recovery** from waste, which allows producing more than 80 million kWh/year of electricity and more than 2.5 million cubic meters of biomethane, aligning with the "Zero landfi ll" principle;
- The production of electricity from **renewable sources**;
- **Environmental education** activities that raise awareness among citizens, encouraging waste reduction, proper sorting and increased use of materials.

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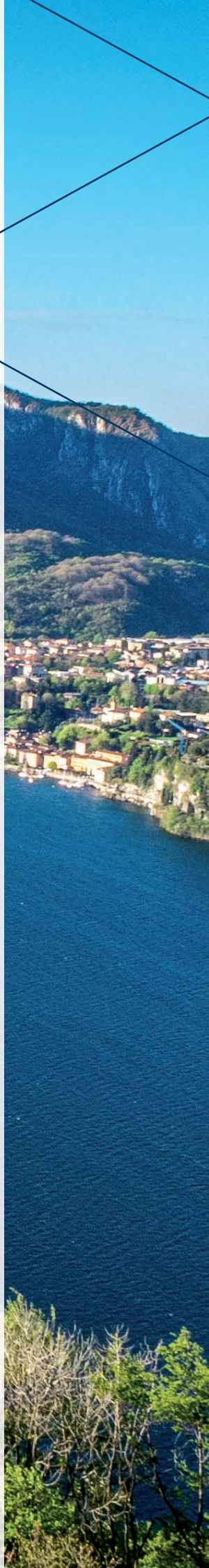


The numbers of our sustainability

CUSTOMERS

91
MUNICIPAL MEMBERS

>1 mln
BASIN OF INHABITANTS SERVED BY SILEA SERVICES

4
PROVINCES IN WHICH WE ARE PRESENT

98%
USERS SATISFIED WITH SERVICES PROVIDED

ECONOMIC VALUE

195.2 mln
EURO PRODUCTION VALUE IN THE LAST THREE YEARS

22%
AVERAGE EBITDA IN THE LAST THREE YEARS

27,7 mln
EURO INVESTMENTS IN THE LAST THREE YEARS

4.7 mln
EURO DIVIDENDS DISTRIBUTED TO MUNICIPALITIES IN THE LAST THREE YEARS

COMMUNITY AND TERRITORY

8,000
STUDENTS INVOLVED IN TRAINING AND AWARENESS INITIATIVES

58
"RECYCLING" COLLECTION CENTRES

PNRR

62
SILEA-FUNDED PROJECTS

20 mln
EURO FOR THE BENEFIT OF THE TERRITORY

ENVIRONMENT

78%
SEPARATE COLLECTION OF THE ENTIRE BASIN MANAGED

7,000
TONS OF COMPOST PRODUCED AND DISTRIBUTED FREE OF CHARGE

>250,000
TONS OF WASTE MANAGED

-31%
UNSORTED WASTE IN MUNICIPALITIES SERVED WITH POINT MEASUREMENT

0%
URBAN WASTE IN LANDFILLS

AWARDS AND RECOGNITIONS

UTILITY AWARD 2021
TOP 5
NATIONAL PERFORMANCE AWARD

UTILITY AWARD 2022
TOP 5
NATIONAL INNOVATION AWARD

UTILITY AWARD 2023
TOP 5
NATIONAL COMPETITIVENESS AND EFFICIENCY AWARD

LEGALITY RATING
★★★
AGCM AUTORITÀ GARANTE DELLA CONCORRENZA E DEL MERCATO

We value our resource: the territory

Services

- Separate waste collection with door-to-door system and point measurement
- Street sweeping manually or with machines
- Management of collection centres
- Home collection of WEEE and bulky waste
- Collection of batteries and expired medicines
- Treatment of organic waste and vegetable waste to produce compost and biomethane
- Treatment of separate waste collection of plastics, aluminium, steel and tetrapaks for recycling
- Waste-to-energy processing of non-recyclable waste, with energy and heat recovery
- Cleaning of storm drains and manholes
- Maintenance and care of public parks and green areas
- TARI management and collection services on behalf of municipalities

Mission and corporate vision

As a public company, our corporate growth is intricately linked to the development of the areas in which we operate, with a focus not only on economic prosperity but also on social and environmental well-being.

"**We value resources**" is our slogan, reflecting our commitment to the circular economy. It is so integral to our identity that we inserted it in the new corporate logo introduced in 2022. We decided to move away from the traditional and "established" waste collection model to embrace a new role as an integrated operator of the circular economy, to be a supplier of secondary raw materials and renewable energy. To achieve this, we have focused on the construction of new waste recycling and energy recovery facilities.

When we talk about enhancing resources, we're not only talking about waste and secondary raw materials. We also value our people, considering them as vital assets to our company. Additionally, we cherish our territory, with its rich historical and natural heritage.

Technology at the service of collection

Point measurement

In our territory, separate waste collection has traditionally been conducted using the door-to-door model. However, since 2020, we have been gradually implementing the "point measurement" system, which involves the use of coded bags assigned to individual users. Each bag is equipped with a QR code which makes it possible to track deliveries from each household and business. This tracking also helps to monitor correct behaviour in separate waste collection.

Collection centres (municipal "recyclers")

SILEA manages 55 collection centres for waste that isn't collected through the door-to-door method (e.g. bulky items, vegetable waste, small WEEE, etc.) Thanks to funding secured through the National Recovery and Resilience Plan (PNRR), these facilities will undergo a significant technological upgrading. This will include the installation of controlled-access automatic gates, vehicle license plate recognition systems, and touch-screen totems to identify the type of waste being delivered. All these enhancements will be integrated into a single remote control software platform.

Eco-bins and Eco-islands

ontrolled-access "eco-bins" and automated "eco-islands" have been implemented in municipalities with higher tourism to facilitate separate waste collection, even for tourists and non-residents.

Bag distribution machines with QR Code

To support the point measurement system, 70 bag distribution machines have been installed in our municipalities, each with QR codes linked to individual users. Regardless of the municipality of residence, citizens can pick up their bags at any SILEA distribution machine, and the system will count their withdrawals in real time. There is also a teleassistance system to support self-service bag pickup for visually impaired and disabled individuals.

Waste management solution

To effectively oversee waste collection and urban hygiene services across the 87 municipalities, SILEA has implemented integrated technological solutions - based on digital mapping, GPS systems, mobile applications and digital tags. Through the company's control room, these technologies enable monitoring of all services carried out within the territory and the detection and certification of the indicators required by Arera.

From waste to biomethane

38,000
t/year
TREATMENT CAPACITY

7,000
t/year
COMPOST PRODUCED

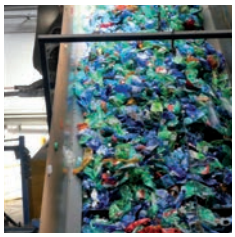
2.2
million m /year
PRODUCTION CAPACITY OF BIOMETHANE

The composting plant

SILEA operates a composting facility in Annone Brianza (LC) dedicated to treating and recovering the organic fraction of waste.

Through an entirely biological process, waste collected separately, including wet waste and green waste from clippings and prunings, is transformed into compost. This **compost** serves as a high-quality fertiliser that SILEA distributes free of charge to citizens, farmers, and fl oriculturists. It can be used as a substitute for chemical fertilisers. The **new anaerobic digestion section**, which became operational at the end of 2023, will further increase the plant's treatment capacity. This expansion will enable the production of over **biomethane**, which will be fed into Snam's distribution networks.

From waste to secondary raw materials



55,000
t/year
TREATMENT CAPACITY

20
TYPES OF WASTE RECOGNISED

16
TYPES OF PLASTICS SORTED BY COLOUR AND POLYMER

1.4
km
CONVEYOR BELTS

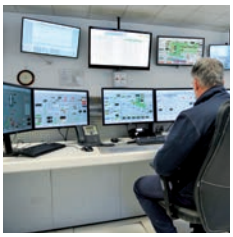
The sorting and recycling plant

SILEA's subsidiary, Seruso, operates a plant in Verderio (LC) dedicated to **sorting and recycling plastics, metals and tetrapaks**. Seruso is a public Joint Venture, jointly owned by SILEA (64.44%), CEM Ambiente and BEA.
The plant is recognised as one of 31 Corepla National Sorting Centres.

In 2022, it underwent a complete renovation and today it stands as a national leader in recovery and Recycling services. Thanks to an integrated system of 6 screens, 15 precision optical separators and 1.4 km of conveyor belts, the plant can efficiently sort up to 16 types of plastics (based on polymer and by colour), as well as aluminium, steel and tetrapaks.

The plant was the first one built in Italy capable of recovering aluminium post-consumer coffee capsules.

From waste to energy production



80
million kWh/year
ELECTRICITY PRODUCED

≃100,000
t/year
WASTE TREATED

16
km
DISTRICT HEATING NETWORK DEVELOPMENT

20,000
EQUIVALENT POPULATION SERVED BY DISTRICT HEATING

The waste-to-energy plant

SILEA's waste-to-energy plant, situated in Valmadrera (LC), plays a vital role in upholding the "**zero landfill**" principle within its territory. This plant generates **electricity** and **heat** by processing non-recyclable waste, ensuring the disposal of urban waste and waste from treatment plants, as well as medical and manufacturing waste.

Furthermore, with the introduction of a **sewerage sludge treatment section**, which became operational in 2023, the plant now ensures the complete closure of the integrated water cycle throughout the province of Lecco.

The heat generated by the plant will feed the district heating network under construction in the municipalities of Lecco, Valmadrera, and Malgrate. This is in addition to the heat obtained from thermal waste from a local steel mill and other renewable sources.

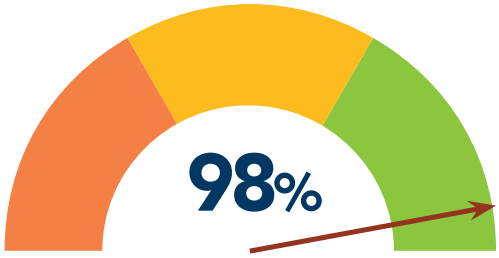
The quality of our services

Customer satisfaction surveys, commissioned every two years by SILEA to specialised and independent companies, demonstrate a high level of satisfaction among citizens regarding the services provided.

In the latest survey conducted in **2022, the Overall Satisfaction Index** reached an average rating of 8.2 out of 10, with 98% of respondents expressing positive opinions about SILEA's performance.

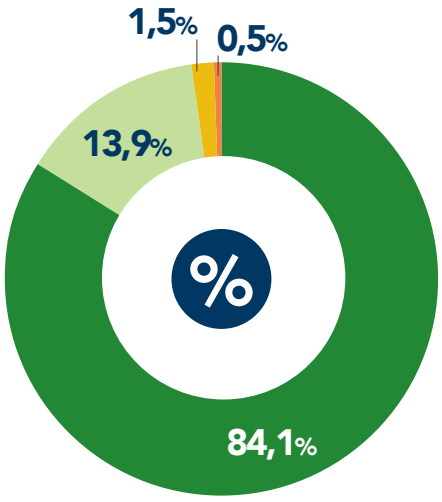
Among individual services, **waste collection**, in particular, recorded an average rating of 8.65. Furthermore, respondents highly valued the clarity and comprehensiveness of **information provided by the company**, with 98.5% expressing satisfaction and giving an overall average rating of 8.39.

OVERALL SATISFACTION INDEX*



VISIONE SOSTENIBILE

WASTE COLLECTION SERVICE ASSESSMENT*



- Very satisfactory (8-10)
- Somewhat satisfactory (6-7)
- Slightly satisfactory (4-5)
- Not at all satisfactory (1-3)

(*) Survey conducted in December 2022 using the CATI method on a representative sample of 2000 respondents

SILEA
VALORIZZIAMO RISORSE

Via L. Vassena, 6 | Valmadrera (Lecco)
Tel. 0341 204411 | Fax 0341 583559

www.**sileaspa**.it