



AM GROUP

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AM Group was founded to provide a single strategic direction to an entrepreneurial journey that began in the 19th century and is now focused on sustainability, innovation, and the circular economy.

The Group coordinates and enhances companies such as **OpenSwm Srl**, **OpenSwm Ltd**, and **Ecology Logistics Malta Ltd**, integrating expertise and services along the supply chain to offer more comprehensive, efficient, and traceable solutions.

Strengthening this vision is the partnership with **LEM Linea Ecologica Mangia**, which brings decades of experience and extensive field experience in the sector, helping to make the Group's operational network even more solid and widespread.





A family history spanning 100 years

GIOSUÈ MANGIA LATE 1800 S

It begins what is now an established reality.

PIETRO MANGIA 1930

Giosuè son continues the collection of animal fats. All collected fats were processed and sold to soap factories to soap factories for making bath or laundry soap.

MANGIA BROTHERS 1954 PETERGRASS

United by passion and will they found Petergrass.

SALVATORE MANGIA 1989 PARTENOGRASS

He founded Partenograss and it was with this company that the business began to expand by obtaining other authorizations, increasing its fleet of vehicles and growing with a considerable number of customers, extending to most of Campania.

PIETRO, MARIO AND ANTONIO MANGIA 1996 - 2017

The brothers Pietro and Mario Mangia gave life to LEM snc, extending over most of Campania and Lazio. Company engaged in the recovery and transportation of animal by-products. With the entry into the company of Antonio Mangia , the business grows and develops becoming Lem Linea Ecologica Mangia srl.

ANTONIO MANGIA 2013

LEM acquires authorization for the collection, transportation and storage of spent edible oils and fats, thus taking its first steps in the circular economy, devoting an increasing part of its business to waste valorization and recovery.

SALVATORE MANGIA 2017

Salvatore Mangia founded the company Ecology Logistics Malta Ltd in the setting of the splendid island of Malta, which deals with the collection and valorisation of used vegetable oils throughout the island.

MANGIA GROUP 2018

The need was born to unify Lem, Ecotirrena and Logeco to offer a comprehensive service nationwide and to increase a virtuous network of contacts, able to reach every point in the territory to be always at the side of citizens.

PIETRO MANGIA 2020

At the headquarters of Logeco Ltd. installs a waste sorting plant with automated technology, equipped with optical readers: one of the most innovative in the country.

ANTONIO MANGIA 2023

Continued attention to environmental care and protection by setting new Sustainability goals to be achieved in the coming years that will lead the company to continuous improvement toward total energy transition in every area of the company.

ANTONIO MANGIA 2024

The young and unstoppable entrepreneur Antonio Mangia joins the Ecology Logistics Malta Ltd company which operates on the island of the same name for the collection of waste vegetable oils. Also enriching this heavenly place with its constant corporate and social commitment to the inclusion of young people with disabilities. Founds the hazardous and non hazardous waste and animal by products brokerage firm Open Swm S.r.l.

ANTONIO MANGIA 2024

He founded OpenSwm S.r.l, a company specializing in multi-services, WEEE, and RENTRI.

ANTONIO MANGIA 2025

ANTONIO MANGIA 2026

AM Group was founded in 2026 to consolidate a journey that began in the 1800s, uniting OpenSwm Srl, OpenSwm Ltd and Ecology Logistics Malta Ltd in a shared vision of sustainability.

TO BE CONTINUED

The company offers comprehensive and traceable waste management, taking care of:

- **RENTRI and MUD support**
- **Intermediation between producers and plants**
- **Transport of hazardous and non-hazardous waste using authorized vehicles and documented procedures for disposal and recovery at facilities.**
- **Category 8: brokerage and trade of waste without possession of the waste itself.**

As a multi-service company, OpenSWM integrates its environmental core with a package of services for public and private environments, also provided through professional companies specialized in their respective sectors:

- **Sanitization and pest control**
- **Sewer system cleaning and maintenance**
- **Exhaust hood cleaning and sanitization**
- **Gardening/landscape maintenance**
- **Fire prevention services (UNI 9994)**
- **Specialist consulting (HACCP, safety, environmental)**

At the same time, OpenSWM is developing a vision dedicated to the sustainable management of WEEE, focusing on lithium batteries, solar panels, and electric vehicles, aiming to maximize material recovery and adopt advanced technologies for safer and more efficient processes.



OpenSwm Ltd is a company focused on managing select flows, with its own warehouses, established partnerships, and a rigorous regulatory compliance approach, ensuring a traceable and verifiable supply chain at every stage.

In particular, it operates in:

- **Used cooking oil (RUCO):** collection and valorization for the biofuel supply chain (biodiesel and SAF) in a circular economy model.
- **Foodstuffs:** recall and management of unsuitable/unsellable products (e.g., not refrigerated, approaching expiration date), with traceability and proper disposal / recycling.
- **SOA – Animal By-Products (Categories 1–2–3):** Management and intermediation with authorized operators, in compliance with health, hygiene, and environmental standards. To ensure reliability and sustainability, OpenSwm adopts internationally recognized certification schemes. Learn more on our website.
<https://openswm.com/certification/>
- **Collection, transport, and storage of hazardous and non-hazardous waste**
- **WEEE brokerage and management**
- **Management of used oils, batteries, and accumulators**
- **Digital solutions for traceability and environmental management**
- **Advanced environmental logistics and traceable supply chain**



Ecology Logistics Malta Ltd specializes in the collection and recycling of used vegetable oils throughout Malta, offering a comprehensive, sustainable, and traceable service to restaurants, hotels, and tourism facilities, food processing industries, canteens and community kitchens, ports, public bodies, and schools.

The company covers the entire supply chain, transforming everyday waste into a resource with environmental and energy benefits, thanks to controlled and fully compliant processes, supported by digital traceability to ensure transparency and control of flows.

Operations include:

- **Scheduled collection from the manufacturer**
- **Transport by authorized vehicles**
- **Controlled storage**
- **Recovery/regeneration of used vegetable oils**
- **Digital traceability and document management of flows**
- **Environmental awareness and educational initiatives (e.g., Ecology for School) for the protection of the Mediterranean sea and water resources**





LEM Linea Ecologica Mangia Srl

LEM Linea Ecologica Mangia Srl operates in environmental management with a structured and widespread service nationwide (including islands), supporting a base of over 10,000 clients including public and private entities.

The company manages the entire supply chain, including the collection, transportation, and storage of hazardous and non-hazardous waste, with a focus on used edible oils and fats, SOA, and refrigerated food products. It ensures complete traceability of flows, regulatory compliance, and high standards of quality, safety, and sustainability, including through recognized certifications

LEM Linea Ecologica Mangia Srl actively supports the I Bambini delle Fate association, contributing to four projects dedicated to the social inclusion of children and young people with disabilities throughout Italy. These include: Banca del Tempo Sociale (Social Time Bank), which fosters authentic peer relationships through daily activities; Il Giardino dei Libri (Battipaglia), an outdoor space designed for motor skills, socialization, and teamwork; Accavallo (Agnano Racecourse), an educational and relational program with horses; and AMADEUS Musica & Arte (Salerno), which promotes artistic expression and independence in young people with autism spectrum disorders through music, theater, and the visual arts.

LEM is proud to support these growth and inclusion programs, investing in the future of young people with responsibility and vision.



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I BAMBINI DELLE FATE
per l'inclusione sociale



800 - 128661



LEM Linea Ecologica Mangia Srl

Our services include:

- Collection, transport, and storage of hazardous and non-hazardous waste
- Management of used edible oils and fats (UCO/RUCO) with a widespread network (over 2,000 municipalities)
- Supply of certified containers and organization of authorized collections
- Use of CER 20 01 25 totems for public/urban disposal (liquid and solid) with anti-spill systems:
- Specialized management of animal by-products (ABPs) category 1–2–3 (EC Regulation 1069/2009): compliant collection/transport/disposal
- Management of food products that have not been refrigerated: urgent recovery, refrigerated transport if necessary, certified disposal, and documentation for insurance purposes
- Traceability and complete documentation of flows throughout the supply chain
- Operations with quality/environmental/safety certifications and sustainability schemes (e.g., ISO 9001/14001/45001, ISCC EU, BIOC, BEST4PLUS) using its experience and operational structure to strengthen the Group's network and service capacity along the entire environmental supply chain.



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innovation at the service of the environment

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