



NEXT40

1983 / 2023

**Trendsetter in waste
presorting systems
since 1983**



Mattiussi Ecologia, created to innovate the future.

The Mattiussi Ecologia experience, the brainchild of Valter Mattiussi, began in 1983 as a pioneering endeavour in the presorted waste collection industry, changing the design logic of presorting bins and integrated sorted-waste systems.

In just a few years, the Company has made a major contribution to the industry by establishing technical guidelines and standards, introducing important product and system innovations and consistently maintaining the design and manufacture of its products in Italy.



Manufacturing as a tool for experimentation and innovation.

Mattiussi Ecologia soon realised that innovation requires integrated process management. This is how the Mepla production site became part of the Mattiussi Ecologia group in 2003, working alongside Research & Development in a virtuous process to enhance technical quality, environmental sustainability and the sturdiness of construction.

Experimentation with new recycled materials entering the market at the time and know-how that Mepla had previously consolidated in the automotive sector were transformed into product innovations. An example of this is the reflector fitted on presorting bins to make them visible to collection vehicles during night hours and to house RFID devices for user recognition, which became a standard that was widely imitated on the market.



Reflector with
integrated RFID tag



Eco-design: a recognised added value.



COMPOSTER
ADI DESIGN INDEX
2001



OLIMAX
ADI DESIGN INDEX
2014



NX01
GREEN GOOD DESIGN AWARD
2015



INNOVATIVE BY CHOICE: 40 YEARS OF ECO-DESIGN AND ENVIRONMENTAL SUSTAINABILITY

**"I CHOSE A BUSINESS
THAT ALIGNED WITH MY CONSCIENCE.
I COULDN'T HAVE DONE DIFFERENTLY."**
Valter Mattiussi

Thanks to Mattiussi Ecologia, the concept of "waste bins" is evolving towards studying **professional and furnishing tools**, developed in accordance with eco-design logic, that can engage and convince people. As well as improving function, the focus on aesthetics also provides a new approach to reconsidering **waste as a "resource"** and no longer simply as "refuse".

The Company's vision is clear: to strive for environmental sustainability and a circular economy using solutions designed to fit harmoniously into the home and urban environment. This motivates residents to sort their waste and at the same makes work easier for operators.

Over the years, Mattiussi Ecologia's eco-design has received **prestigious awards** and has sealed collaborations with external designers such as Decoma Design, Luisangelo Cozza and Alberto Ghirardello, the latter being one of the winners of the first Mattiussi Ecologia contest for young designers, in 2012.

zeromax / 2021
innovative spherical base



Composter / since 1989
home composting



COMPOSTER: THE REVOLUTION IN HOME COMPOSTING



Composter, a milestone in Mattiussi Ecologia's development in the 1980s, introduced home composting to the Italian market. It transformed a niche hobby activity into a practice for recycling food and green waste, establishing itself both in name and in practice as the industry benchmark.

From the first rotomoulded **Composter** in 1989 to the ADI award in 2001 for **Composter 660**, eco-design has turned Mattiussi Ecologia models into revolutionary garden furniture elements, far removed from anachronistic conventional composters.

Food waste collection: the widest range of food waste caddies currently available

Mattiussi Ecologia, aware of the fact that establishing any good practice requires the right tools, has over time developed the widest range of bins currently available on the market for the collection of food waste, which accounts for almost one third of the waste produced daily in our homes.





MINIMAX: PIONEERING WASTE PRESORTING IN ITALY

1999 saw the introduction of **Minimax**, Italy's first kerbside caddy for presorting waste, a concept that was still in its infancy at the end of the 1990s. Mattiussi Ecologia realised the enormous potential of this type of collection, which at the time was carried out using makeshift means. **Minimax**, the widely imitated progenitor of a family of products that was to boost presorted waste collection in Italy, was developed with a series of design specificities that make it a trendsetter in the sector.

Mattiussi Ecologia has spurred on the evolution of waste presorting by offering a wide range of dedicated products created after listening carefully to the needs of both users and waste management companies. In terms of design and functionality, some are already market classics: **Napo** (2002), **Polymax** (2003), **Comby** (2006), **Olimax** (2012).

zerømax, evolution of the species

The latest generation and industry frontrunner, **zerømax** with its spherical base further extends the range and eliminates the need for a bag, thereby reducing micro-plastics and at the same time making cleaning easier.



Minimax / since 1999
*the first bin dedicated
to kerbside collection in Italy*



THE VALUE OF ERGONOMICS: HEALTH AND SAFETY FOR USERS AND OPERATORS



Easy Trolley / 2017
*maximum ergonomics
for presorted collection*

Mattiussi Ecologia has always promoted the value of ergonomics in eco-design as a tangible focus on technology and structural strength to meet home and work requirements.

A symbol of achieving full maturity in the field of design, in 2017 **Easy Trolley** was introduced, an innovative European patent that best expresses this concept: wheels and an extended "trolley" type handle; a grip handle for a balanced hold and front comb for mechanical emptying.





AT THE FOREFRONT IN DESIGNING INTEGRATED SYSTEMS

Biox / 2009
Biox 4.0 / since 2018
smart street furniture
for presorted waste collection



Smart MGB2 / 2021
access control

Biox: rethinking the city as a human ecosystem

The city perceived as an ecosystem in which Man interacts with his surroundings requires in-depth design skills and attention to decorum.

Structurally sturdy, aesthetically appealing and technologically cutting edge, the **Biox** line was developed in response to the need for environmental integration in areas where visual impact is high, such as historical city centres and squares.

The goal was to achieve personalised and user-pay waste collection with a lower impact that is more efficient and increasingly more sustainable.

Integration of systems

Mattiussi Ecologia is aware that there is no single ideal solution to presorted waste collection: every situation faces a multitude of different needs even in a common setting. The Company works alongside public and private waste management companies to study the implementation of the functional and technological solutions best suited to each individual setting.

This attention is reflected, for example, in the **Iglus** line of waste collection banks (2003), which evolved from an aesthetic enhancement of the early nineties versions, and now has been redeveloped and fitted with volumetric sensors to optimise collection routes.

The timely study of new or existing solutions also paves the way for the development of easily fitted **Smart MGB** access control systems for introducing PAYT charging.



**HISTORICAL
CITY CENTRES**



**RESIDENTIAL
AGGLOMERATIONS**



**HIGH ATTENDANCE
AREAS**



**SCATTERED
LOCATIONS**



 **MATTIUSSI**
ECOLOGIA

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CREATable RESOURCES CONTEST NEXT40 edition

CREATable RESOURCES CONTEST – NEXT40 edition is a challenge to envisage the next 40 years of presorted waste collection within the broader concept of a circular resource economy. With the global goals of mitigating climate change and protecting the environment, increasing the quantity and quality of materials intended for recycling is a challenge no one can shy away from.

In this context, Mattiussi Ecologia, on its 40th anniversary, is asking young eco-friendly designers to envisage the future of presorting household waste in the home in order to improving residents' perception of it and their propensity to do it, as well as support its effectiveness.

Imagining the home of the future, with sustainability and technology in settings where space is increasingly limited, the aim is to design a new product for home living able to combine design, functionality, technology and sustainability.

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Find out more on
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