

OUR
IDEA
OF
GREEN
VALUES

EMVIRONMENT

GREEN: A MATTER OF IDENTITY

Reflecting its intrinsic focus on eco-sustainability issues, in 2010 **Ernestomeda** launched **EMvironment**, the project created to reinforce an active, more and more responsible corporate attitude to the environment through tangible, measurable policies.

Placing environment protection and the growth of a green mindset on the same level as business objectives is an ethical stance that generates true competitive benefits for entrepreneurs, while aiming **to create a better world for future generations.**

ENVIRONMENTAL CERTIFICATION

THE ENVIRONMENT: THE RIGHT CHOICE

ISO 14001 environmental certification obtained in 2004 guarantees the implementation of a management system able to control the environmental impacts of the company's operations: monitoring of energy consumption, the use of natural resources, noise pollution, atmospheric emissions and waste management.

PHOTOVOLTAIC POWER

ernestomeda | OUR IDEA OF GREEN VALUES

ALL THE ENERGY OF THE SUN

All 16,000 square metres of the Ernestomeda plant are covered by a **photovoltaic system** that converts solar energy into electricity to power industrial operations.

All additional energy required is purchased from certified renewable sources.

Every year, the electricity produced by the photovoltaic panels is more than twice the amount needed for the company's operations.

Ernestomeda is thus able to compensate all carbon dioxide emissions for the hours worked and avoid the discharge into the atmosphere of about another 1000 tonnes of CO₂, the quantity absorbed by 6000 trees in a year.

Photovoltaic power:

guarantees energy independence, raises your home's energy class and increases the value of your property.

does not produce any type of pollution - chemical, thermal or acoustic.

avoids 0.53 Kg of CO₂ for every KWh produced.

TIPS
FOR
GREEN
LIVING

ECODESIGN

FROM THE ENVIRONMENT, FOR THE ENVIRONMENT

Ernestomeda invests in the research and design of the best solutions within the green paradigm applied to design, offering the market products and materials with the lowest possible environmental impact.

It uses the **LCA method**, which assesses the entirety of a product's interactions with the environment, considering its whole life cycle, from the sourcing of the raw materials to their processing, production activities and distribution, through to use (and any reuse), maintenance and final disposal.

This procedure is applied right from the design phase, considering a set of requirements linked to strict certifications and environmental standards complying with repairability, durability and recyclability parameters, concluding with the product's management at end-of-life and **its reuse in the circular economy**.

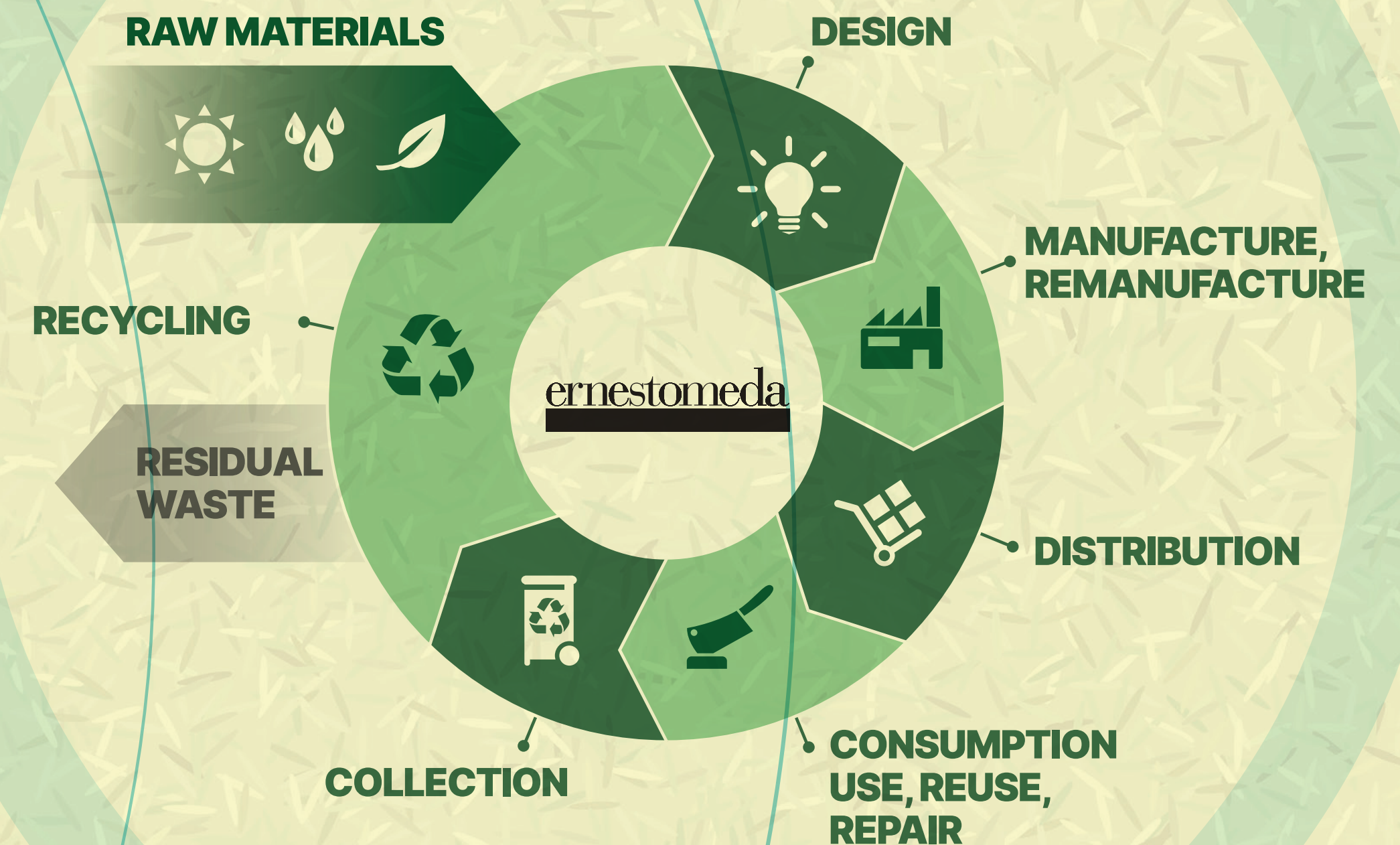
PRODUCT CIRCULARITY. AN ALL-EMBRACING CHOICE

TODAY'S PRODUCTS, TOMORROW'S RESOURCES

Ernestomeda is one of Italy's first fitted kitchen manufacturers to have obtained Product Circularity Certification under the ISO 14021 standard, which measures the material and economic resources used, "returned" and reused at the end of the lifecycle of the product itself, to become raw materials for a new product.

For Ernestomeda, this involved testing of all its furniture, in all the different structure and finish variants. Specifically, units with veneered, laminate, lacquered and glass doors and the different components were assessed.

The certified measurement conducted on Ernestomeda products yielded excellent results, with up to **99% reuse**, reflecting the company's constant, ever-increasing efforts to minimise waste, both in technical and product terms and with regard to production processes.



TIPS FOR GREEN LIVING

Follow the **3Rs** of the circular economy:
Reduce, Reuse and Recycle

REDUCE: less waste with intelligent choice of durable, repairable, interchangeable products;

REUSE: reusing an object for a purpose different from its original function, extending its useful life;

RECYCLE: giving life to new products as materials enjoy a second existence

MATERIALS WITH LOW EMISSIONS OF VOCs

(VOLATILE ORGANIC COMPOUNDS)



All our kitchens' carcasses and most Hi-Melamine doors are already manufactured using panels compliant with class E1/2 (also known as E0.5) of European standard EN 717-1. This new standard enforces even more restrictive emissions levels, with even stronger safeguards for health, than the limits published by the World Health Organisation.

Our materials also comply with the TSCA Title VI / CARB Phase 2 standards, necessary for sale on the United States market, which establish strict limits for wood-based panels' formaldehyde emissions, and have also complied for years now with one of the strictest health and safety protocols, the American LEED (Leadership in Energy and Environmental Design) regulations, issued by the U.S. Green Building Council for building construction and intended to promote sustainability, also in interior design.

A ⁺⁺	< 0,5 mg/m ³
A ⁺	< 1,0 mg/m ³
A	< 1,5 mg/m ³
B	< 2,0 mg/m ³
C	< 2,0 mg/m ³

TOTAL VOC
0,2 mg/m ³
LEED COMPLIANT

A⁺⁺

CARE IN DESIGN, CARE FOR PEOPLE

Often, the materials of which furniture is made may release substances harmful to people's health, such as varnishes, glues, primers, etc.

Indoor Hi-Quality Gold represents a further improvement over the previous Indoor Hi-Quality certification awarded to Ernestomeda in 2016, which monitors pollutant emission levels through continuous, regular checks on both the product and the production process, and already placed in the company in the top class, A⁺⁺. This important step in the recognition of our **constant commitment to quality, innovation and the satisfaction of our customers** once again confirms **Ernestomeda products' compliance with all the main international regulations dealing with VOCs** (volatile organic compounds).

PUTTING HEALTH FIRST

The materials used for the production of Ernestomeda kitchens have exceptionally low emissions of compounds harmful to human health, first and foremost formaldehyde.

TIPS FOR GREEN LIVING

Don't underestimate the choice of materials for your living spaces. With Ernestomeda, you make a safe choice in terms of protecting the health and safety of people and the environment. To keep interiors healthy, experts advise airing rooms constantly, keeping humidity between 40% and 60% and using plants which help to neutralise pollution, such as Boston fern, Areca palm, weeping fig, peace lily, aloe and dracaena.

PRODUCT DURABILITY

LONG LIVE SUSTAINABILITY!

To ensure that its products provide excellent service over time, Ernestomeda makes spare parts available in the long term, in original or original-compatible finishes, and provides detailed care and cleaning instructions to guarantee its products a long life.

This is a benefit for the environment and not only for the customer: a longer-lasting product automatically means less environmental impact.

GREEN CODE OF CONDUCT

WASTE

To minimise landfill waste disposal, Ernestomeda performs meticulous waste sorting in-house, with separation of over 30 different types of waste. Thanks to this differentiation, it is able to recycle over 90% of the waste generated by its production operations.

PAPER

The company uses paper with care; it has adopted a series of actions to reduce its overall use and prefers green-oriented paper and printers. It has also introduced a large-scale "digitisation project" which generates major savings of paper.

PACKAGING

Ernestomeda packages its products almost entirely with recycled and recyclable cardboard, minimising its use of plastic.

TRANSPORT

Ernestomeda implements careful planning to optimise the transportation of products and materials to minimise impact.

PAINTS

The company has introduced the use of products and technologies which reduce the environmental impact linked to the application of paints to articles. In partnership with its suppliers, Ernestomeda is constantly in search of the best technological solutions, in order to eliminate all hazardous substances. In particular, it minimises VOCs (Volatile Organic Compounds), which are continually monitored through laboratory tests in compliance with the strict standards enforced by the international LEED (GBC) regulations.

APPLIANCES

Ernestomeda offers its customers a large variety of appliances, favouring those in the highest energy efficiency classes, which generally give energy savings of 20-30% compared to lower category models.

ernestomeda

Follow us on:



ernestomeda spa
via dell'Economia 2/8
61025 Montelabbate (PU) Italia
tel +39 0721 48991
www.ernestomeda.com