



**BETTER BRAKES
FOR A BETTER WORLD**

ICER Goes Green:

Commitment to sustainability

ICER BRAKES

2024



ICER BRAKES is a company from Navarra founded in 1961, which in recent years has consolidated its position as **Europe's largest independent manufacturer of friction material**.

Our product portfolio includes brake pads for passenger cars, vans and commercial vehicles, brake discs, pre-assembled rear brake kits, and more.

Respect for the environment is one of our 6 **corporate values** and it is reflected in the actions we have taken in recent years.

ICER products are environmentally friendly and the commitment to the environment is transversal to the whole company.





The **ICER Goes Green** project is an internal initiative which seeks to reduce the impact that our company has on the environment.

Within this programme, we are developing **different actions that have an impact on our entire organization.**

This vision of our company is reflected in our slogan "Better Brakes for a Better World", which affirms our commitment to the environment and our desire to contribute to a more sustainable and responsible world.



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Environmental system and policy



Environmental system and policy

Affirming our commitment to the environment, ICER has been certified according to the **international standard ISO 14001:2015**.

This certification guarantees that the company has an Environmental Management System, which helps to identify, prioritize and manage the environmental risks derived from our industrial activity.



Within this certification, ICER has established a system of **consumption and waste indicators**, which allows us to measure and monitor the company's performance in this field.



A photograph of two ICER brake pads and two brake rotors. One brake pad is shown in cross-section, revealing a multi-layered internal structure with colors ranging from red to blue. The other brake pad is shown from the outside, with the ICER logo and technical specifications (300, 111, 221-05-162) visible. The rotors are circular metal discs with a central hub and six mounting holes. The background is a light blue gradient with a diamond-shaped graphic element in the top left corner.

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**Environmentally friendly product:
free of copper and heavy metals**



Ecological product

ICER is the only manufacturer in the world that **does not use copper** in any of its automotive and commercial vehicle brake pad formulations.

Our products are also **free of heavy metals**, ahead of the regulations that will come into force in 2025.



MADE IN SPAIN





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Sustainable packaging

ICER Goes Green



Sustainable packaging



In 2022 we **redesigned our product packaging** to create a more environmentally friendly and sustainable product.



Made from **100% recycled cardboard.**



100% recyclable.



100% biodegradable.



Eco-design: The impact of their manufacture on the environment is limited.



Reduced use of **inks and satin.**



Reduced weight and **optimized use of raw materials.**



e²: Eco-friendly brake pads for electric vehicles

ICER Goes Green

Pollution in cities has become one of the most serious environmental problems for the planet.

Cars represent one of the main causes of pollution, both in terms of pollutants emitted and noise.

As a result, the evolution of the automotive sector is focusing on **electric and hybrid vehicles**.





INTRODUCING

ECOLOGICAL GALVANIZED BRAKE
PADS FOR **ELECTRIC** VEHICLES



e² ecologic & electric

ICER BRAKES has developed a **line of environmentally friendly and eco-friendly** brake pads that meet the specific needs of electric vehicles.

This new range is called **e²**, as these are **environmentally friendly** brake pads for **electric** vehicles.



e² ecologic & electric



Technical characteristics



- **Specific** friction material for electric and hybrid **vehicles**.
- **Unique formulation** on the market
- **Environmentally friendly** and low emissions.
- **Galvanised backing plate**
- Mechanical **retention system**
- **Copper free**.
- NAO formulation.
- No paint
- No glue
- No noise



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Responsible manufacturing

ICER Goes Green



Responsible manufacturing

Our manufacturing process is responsible and incorporates **circular economy practices**.

In total, **more than 13%** of the raw materials of our brake pads for passenger cars and light commercial vehicles are made from recycled materials, e.g., **recycled tire rubber**.

We use almost **500 tonnes of recycled materials every year**, thus avoiding the need to extract these raw materials from the environment, which would otherwise reach the end of their life cycle and end up as waste.



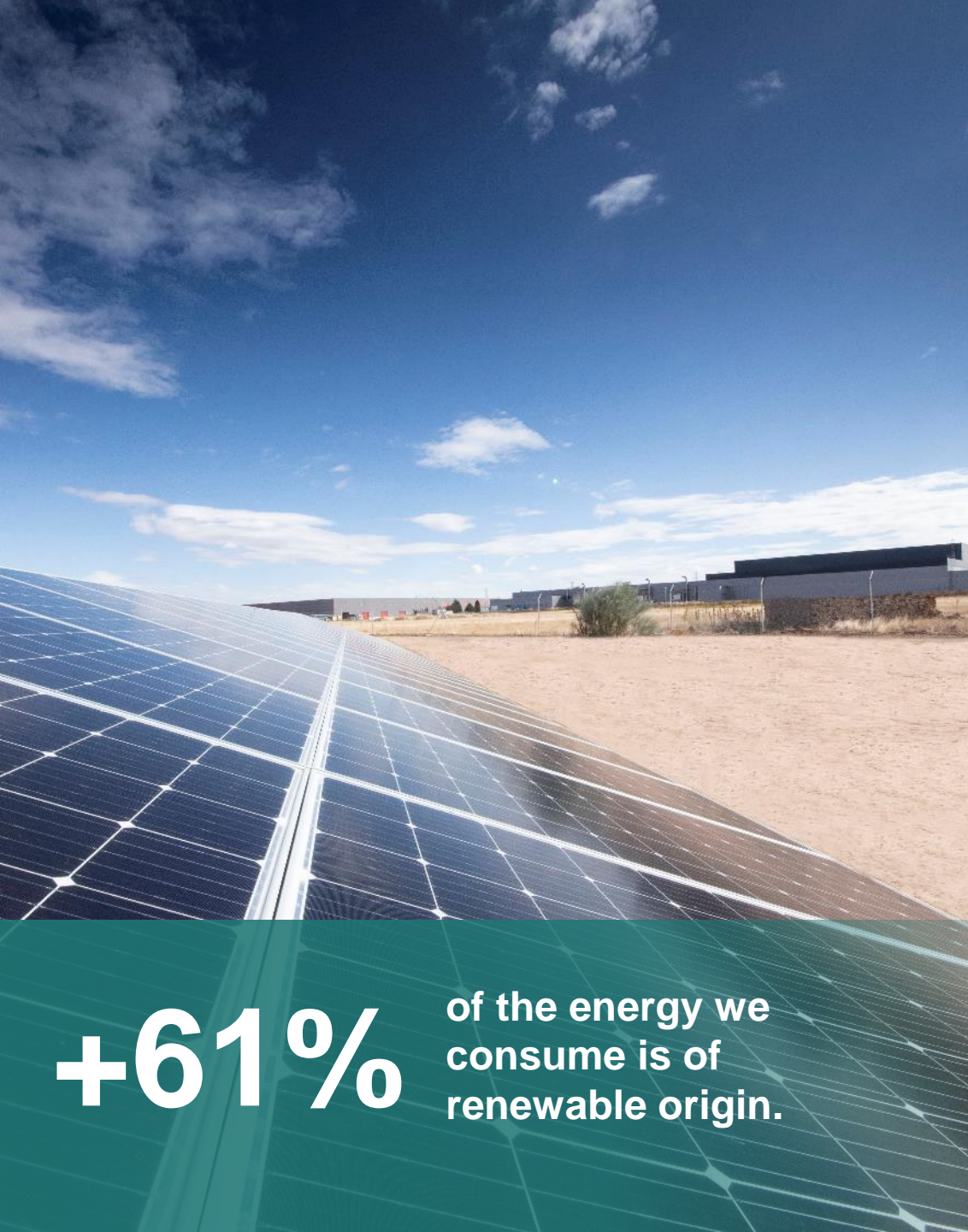
13%

recycled raw
materials in our
friction material.



6

Clean energies and photovoltaic plant



+61%

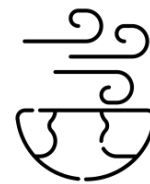
of the energy we
consume is of
renewable origin.

Clean energies

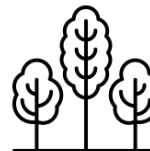


78% of the energy we consume is from renewable sources, and we are actively working to increase this figure.

In our factory in Tudela, we have a **photovoltaic installation with which we autogenerate 19% of our electricity consumption.**



With our current plant, we contribute to **avoiding the emission of 600 tonnes of CO₂ per year.** In other words, for every set of pads, we generate 120 grams less CO₂ emissions.



The positive impact on air quality is comparable to that generated by **45,000 new trees each year.**



Photovoltaic plant expansion

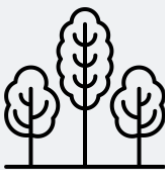
In December 2023, we will begin the installation of phase 2 of the photovoltaic plant, which will expand our auto-generation capacity.

With this expansion, ICER will reach **35% auto-produced energy**, and we will reduce our carbon footprint.

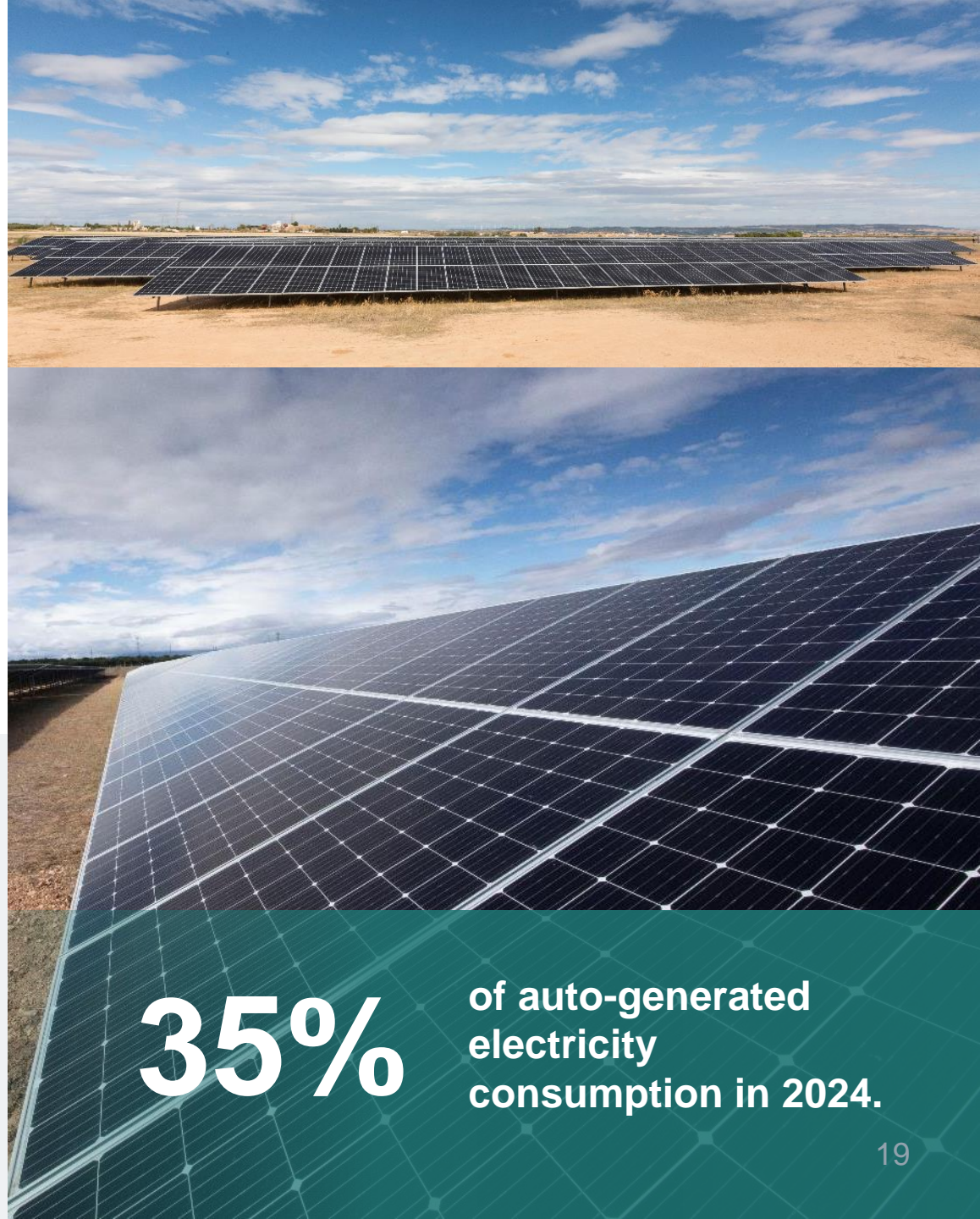
This will also increase the **percentage of renewable energy** we use in our manufacturing plant.



With this expansion, our photovoltaic plant will help to **avoid the emission of 1,100 tonnes of CO₂ per year**. In other words, for every set of pellets, we will generate **220 grams less CO₂ emissions**.



The impact will be equivalent to **83,000 new trees each year**.



35%

of auto-generated
electricity
consumption in 2024.



Waste management and reduction

ICER Goes Green



Waste reduction

ICER has set a waste reduction policy in which a series of actions have been established:



Improving waste segregation



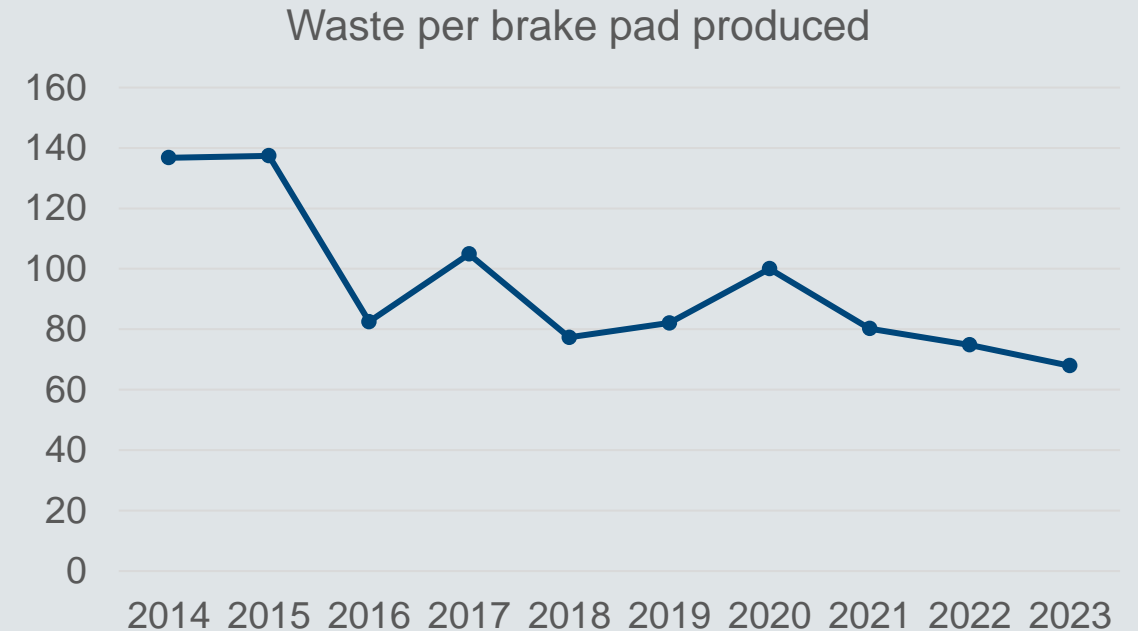
Reducing packaging



Improving recycling of materials

In recent years, ICER has significantly reduced the **amount of waste generated with each brake pad we manufacture.**

Evolution of the ratio of grams of waste generated with each produced brake pad



-28,7%

Reduction of waste generated between 2020 and 2023.



Management of Non-Hazardous Waste

ICER has a clear and **established system to ensure the correct management** of both hazardous and non-hazardous waste.

For the management of **non-hazardous waste**, ICER has multiple segregation containers, in which waste is separated according to its typology.

Subsequently, this waste is transferred for controlled management

OIL MANAGEMENT CABINET



ALCOHOL CABINETS



CONTAINERS FOR CARDBOARD AND PLASTIC WASTE





Plastic, cans
and bricks

Cardboard
and paper

Ecoembes



ICER has been part of the **Ecoembes** programme for more than 14 years.

Ecoembes is a state-wide, non-profit organization that cares for the environment through the **recycling and eco-design of packaging**.

Through our participation, we collaborate with Ecoembes to contribute to the management of waste linked to ICER products.



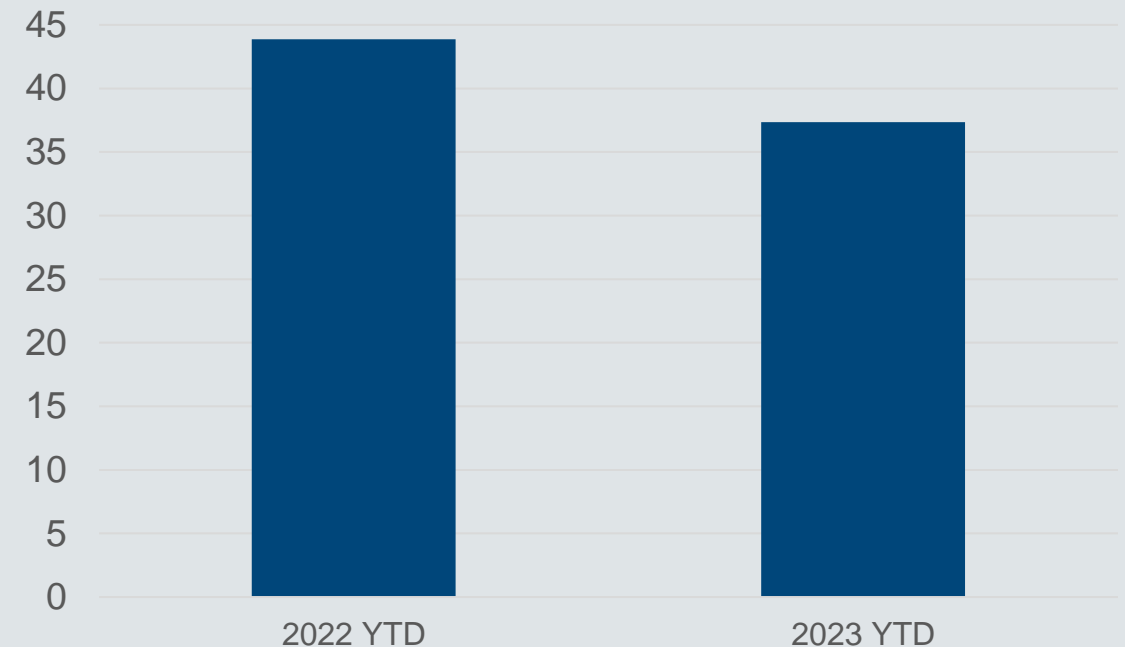


Management of Hazardous Waste

The company places **special emphasis on hazardous waste**, as incorrect management can be harmful to the environment.

Every year, ICER works to reduce hazardous waste. In the last year alone, **we have managed to reduce the hazardous waste** generated during our manufacturing process **by almost 15%.**

Hazardous waste generated in 2022 and 2023
(both data as of 31/10)



-14,9% Reduction of hazardous waste between 2022 and 2023.



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Control of atmospheric emissions and noise



Emissions and noise



We have **37 atmospheric emission points** at our facilities, all of which are controlled and certified by the authorized control body.

All **ambient and external noise emissions** are measured and analysed according to established procedures.

A modern office interior featuring a long, dark conference table with several black chairs. The room has large glass windows on the left side, and a lounge area with a sofa and armchairs is visible in the background. The ceiling is white with recessed lighting.

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Carbon footprint



Carbon footprint

Anticipating the upcoming regulations of international organizations, we have carried out a **study of the Carbon Footprint** generated by our activity in the Pamplona and Tudela facilities.

We have carried out **greenhouse gas measurements**, expressed in tonnes CO₂, from 2020 (Scope 1 and 2), and have obtained certification from the Ministry for Ecological Transition and Demographic Challenge as a company committed to reducing its footprint.

Since 2020, we have **reduced our CO₂ emissions by 25.7%**.



ICER BRAKES S.A.



-25,7% CO₂ emissions
from 2020



Other initiatives



Good practices manual

ICER has a **Good Environmental Practices Manual**, which is given to **all the company's staff** and is updated periodically.

This manual contains the **basic instructions** for correct environmental management and preservation of the environment.

Among other aspects, the manual covers:

- Waste management
- Policy to reduce the use of paper
- Control of consumption of water, electricity, etc.
- Atmospheric emissions
- Noise
- Dumping
- Carbon footprint
- Dangerous goods





Battery management

ICER collaborates with **ECOPILAS**, a programme through which used batteries are collected in a **specific container** and subsequently delivered to the **authorized manager**.



Use of paper

ICER has a **policy of reducing the use of paper** and recommends its employees to use digital documents whenever possible.

In addition, the company has chosen to use **100% recycled paper**, which is more environmentally friendly than conventional paper.

Benefits of recycled paper over conventional paper:



72% less energy



83% less water



50% less CO₂ than conventional paper.



Lighting and water

ICER promotes the **responsible consumption** of natural resources such as electricity, water, etc. among its staff.

98% of the taps are self-closing, to avoid wasting water.

Lighting in corridors and common areas is operated by **movement detectors**.



Water Fountains

In 2023 we have installed **water fountains** at various locations throughout our facilities and **eliminated single-use plastic water bottles**.

In the first 5 months of using these fountains, we have achieved these results:



6.372 kg

of plastic
waste
removed



22.302 kg

CO₂ saved to the
environment



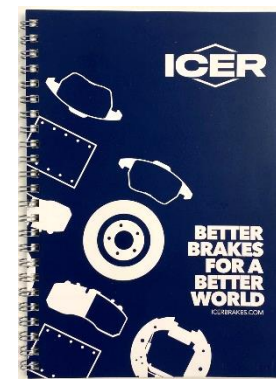
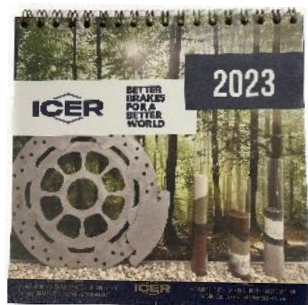
2.230

trees planted
(equivalence by
CO₂ removed)



Merchandising

The company's commitment is present in all our actions. ICER's promotional material is made from **recycled materials** and always looking for **sustainable manufacturing**.





Partnerships and alliances

ICER Goes Green



UN Global Compact

In 2023, ICER Brakes joined the **UN Global Compact** initiative, a voluntary platform for the development, implementation and disclosure of responsible business practices.

ICER BRAKES has thus joined a global network of companies seeking to promote the adoption of responsible practices through the implementation of the **UN Ten Principles and the Sustainable Development Goals**.



WE SUPPORT THE MISSION OF THE
UNITED NATIONS GLOBAL COMPACT TO

**MOBILIZE A GLOBAL MOVEMENT OF
SUSTAINABLE COMPANIES AND
STAKEHOLDERS TO CREATE THE
WORLD WE WANT**





Sernauto



At national level, ICER is a member of **Sernauto's Responsible Business Commission**, which brings together automotive suppliers that have strategies of responsibility and commitment to the environment.

The aim of this commission is to share initiatives carried out in companies, in order to promote the development of sustainability strategies and encourage the implementation of good practices.





Enredarse

At a local level, ICER BRAKES joined the **EnREDarse Project** at the beginning of 2023. This is the reference network in Navarra in the field of sustainability.

This initiative **brings together the committed companies of Navarra** and seeks to give visibility to the different sustainability strategies that serve as inspiration to promote a responsible business culture.

ICER BRAKES S.A.

An aerial photograph showing a paved road that curves through a dense, green forest. The trees are lush and cover the majority of the landscape.

ICER

RS+ **ENREDARSE**
Genuine
Sustainability
Ecosystem



ICER

**BETTER BRAKES
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