



# THE CLIMATE, BIODIVERSITY AND ENVIRONMENT POLICY OF CASINO GROUP



**CONSUME  
BETTER**

EAT | PRODUCE  
**BETTER**



# THE AMBITION OF CASINO GROUP



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The ambition of Casino Group and its banners is to offer healthier and more sustainable food to all its customers.

# MAJOR CHALLENGES

» Casino Group wishes to address the major global challenges through its Climate, Biodiversity and Environment Policy.



## FEEDING 10 BILLION PEOPLE

The world will have to feed an additional 3 billion individuals before 2050, a total of approximately 10 billion people, in a world in which resources are already largely exploited.

There is a need not only to provide everything with a healthy and well-balanced diet, but also one that is more respectful of the land and biodiversity and emits less greenhouse gas.



## REDUCING THE GREENHOUSE GAS IMPACT OF FOOD

At our current pace of greenhouse gas emissions, the average temperature at the Earth's surface is expected to **increase by 3 or 5°C by 2100**. To limit global warming to 2°C, global greenhouse gas emissions must be **reduced by 4 times** by 2050 compared to 1990.

Yet approximately 1/3 of global greenhouse gas emissions are linked to food production and consumption (from field to fork). Shifting consumption and production patterns towards practices that emit less greenhouse gas is key to achieving the objectives of the Paris Agreement.

**Reducing the impact of greenhouse gases is the Group's number one priority.**

The aim is to act both on our actual activities and the offer of products in our stores which accounts for most of the emissions, despite being indirect.

1 - FAO 2020, *The State of World Fisheries and Aquaculture*



## SAVING AND PRESERVING RESOURCES

Providing a well-balanced diet to all can only be done by saving and preserving existing resources: water, energy, packaging, products, etc.

While half of all existing plastics were produced after the year 2000, 1/3 of plastic waste has become land, marine and aquatic pollution. In 2017, 439 million tons of plastic were produced.

**Reducing the impact of activities on resources is the second most important priority of the Group.**



## PROTECTING BIODIVERSITY

On Earth, **forests host 75% of the world's biodiversity**. Between 1990 and 2015, the world's forest area diminished by 129 million hectares, the equivalent of **twice the size of France**. Agricultural production and livestock farming are the first causes of this deforestation.

In the oceans, more than 34% of fish stocks are now exploited beyond their biological sustainability limit.<sup>(1)</sup>

**Biodiversity preservation and ecosystem protection are the third priority of the Group.**



# THE COMMITMENTS OF THE GROUP



The Group's Climate, Biodiversity and Environment Policy is encompassed by the United Nations Sustainable Development Goals and is aligned with the Montreal Protocol and the 2015 United Nations Climate Change Conference (COP 21).

Casino Group is convinced that it is necessary to act collectively to address the challenges of tomorrow. The Group is committed to reducing carbon emissions, saving and preserving resources, and protecting biodiversity.





# REDUCING CARBON EMISSIONS



# SAVING AND PRESERVING RESOURCES



## CASINO GROUP IS COMMITTED TO



Reducing the Group's greenhouse gas emissions by 18% on Scopes 1 and 2 by 2025 with respect to 2015.



Reducing the Group's greenhouse gas emissions by 10% on Scope 3 by 2025 with respect to 2018.

## IN FRANCE



Reducing Monoprix's emissions by 50% by 2030 with respect to 2020 (Scopes 1 and 2).



Reducing freight emissions for Casino stores by 25% by 2022.

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Casino Group is a member of



/ The "Science Based Targets" initiative with a view to reducing greenhouse gas emissions aligned with the COP 21 objectives, to which the Group has been a signatory since 2018.



/ The "Paris Action Climat" plan for sustainable urban logistics implemented by the Mairie de Paris.

Casino Group supports



/ The "Pact on Consumption Dates" created by the Ministry for the Ecological Transition in 2019.



/ The "National Pact against food waste", implemented by the Ministry of Agriculture in 2013.



/ The "National Pact on plastic packaging", created by the Ministry for the Ecological Transition in 2019, following the roadmap for a Circular Economy.

## CASINO GROUP IS COMMITTED TO



Continuing its efforts to sort all plastic, cardboard, organic waste in every store.



Continuing its efforts to recycle all unsold products.

## IN FRANCE



Developing access to products sold in bulk.



100% of private-label plastic packaging to be recyclable or reusable by 2025.



Stopping the use of PVC for plastic packaging by 2022.



Blending 25% of recycled plastics in plastic bottles by 2023.

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# Casino Bio

Since its creation in 1998, Casino Bio has offered a large choice of certified products that go beyond the demands of the biological regulations.



100% glucose-fructose syrup free



100% palm oil free



More than 70% of products made in France



## PROTECTING BIODIVERSITY



### Casino Group supports

- / The “Act for Nature” manifesto to mobilise companies in favour of Biodiversity
- / The Statement of Support for the “Cerrado Manifesto” to fight deforestation in Cerrado in Latin America
- / The “TFA 2020” initiative to fight deforestation in Colombia
- / The “Roundtable on Sustainable Palm Oil” which promotes the production of sustainable palm oil
- / The “Palm Oil Transparency Coalition” to improve sustainability and transparency in the palm oil supply chain
- / The Duralim platform to support a sustainable feed for farmed animals
- / The Soy Transparency Coalition to improve transparency in the soy supply chain
- / The Manifesto for the mobilisation of French stakeholders to fight imported deforestation linked to soy production

### CASINO GROUP IS COMMITTED TO

<p>»  <b>+50%</b></p> <p><b>Increasing sales of organic products by 50% in 2021, with respect to 2018</b></p>	<p> <b>STOP</b></p> <p><b>Fighting deforestation linked to raw materials in the supply chain</b></p>
<h3>IN FRANCE</h3>	
<p>»  <b>100% durable</b></p> <p><b>Ensuring that 100% of palm oil is certified as sustainable in food products (independent RSPO certification)</b></p>	<p> <b>100% durable</b></p> <p><b>Ensuring that 100% of cocoa is certified as sustainable in products containing more than 20% cocoa (independent certification such as UTZ or Fair Trade) by 2022</b></p>
<p>»  <b>80%</b></p> <p><b>Supplying at least 80% of yellowfin tuna sold canned via free shoal fishing methods (FAD-free) in 2021</b></p>	<p> <b>0%</b></p> <p><b>Not to market deep sea fish threatened with extinction*</b></p>



\* Orange roughy, blue ling, saber fish, scabbard fish, macrouridae, cusk fish, blue shark, school shark, spiny dogfish, eel, white grouper, glass eel, white grouper, pink sea bream.



# DRIVERS OF ACTION

Casino Group interacts daily with its supply chains, its stores and its customers in order to deliver sound and efficient solutions.

## COMMITMENTS OF CASINO GROUP

FOR THE CLIMATE, BIODIVERSITY AND THE ENVIRONMENT



### REDUCING CARBON EMISSIONS

- Taking action on refrigerated cabinets
- Improving store energy efficiency
- Producing solar energy
- Supporting sustainable modes of delivery
- Offering local and seasonal products
- Promoting plant proteins
- Providing better consumer information



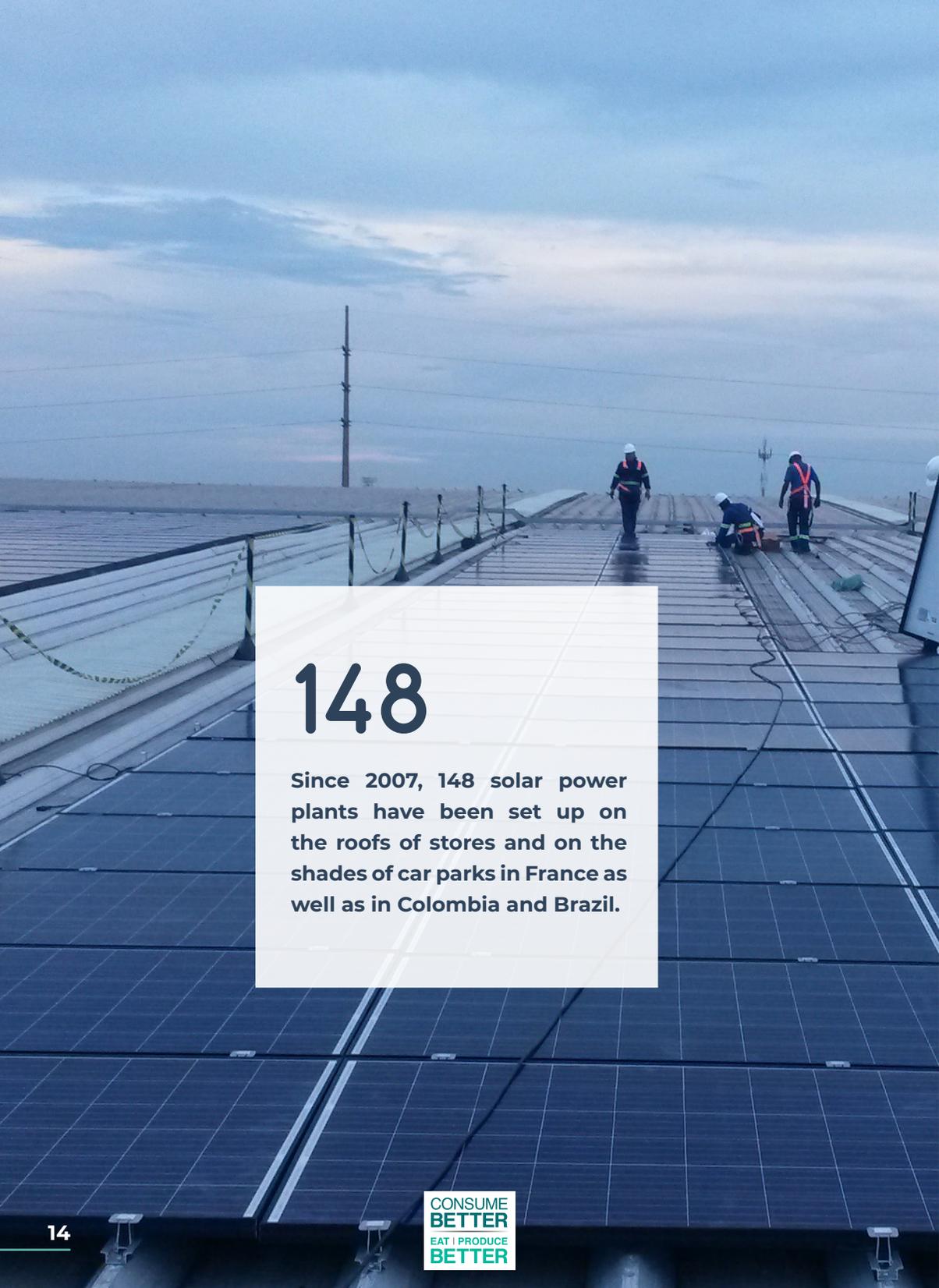
### SAVING AND PRESERVING RESOURCES

- Saving water
- Sorting and recycling waste
- Using sustainable packaging
- Promoting products sold in bulk
- Reducing food waste



### PROTECTING BIODIVERSITY

- Promoting responsible products
- Developing agroecology
- Fighting deforestation
- Preserving halieutic resources



# 148

Since 2007, 148 solar power plants have been set up on the roofs of stores and on the shades of car parks in France as well as in Colombia and Brazil.



## REDUCING CARBON EMISSIONS

### » TAKING ACTION ON REFRIGERATED CABINETS

- ✓ In stores, **doors and covers for refrigerated cabinets** are used to reduce refrigeration losses and to limit power consumption.
- ✓ **Fast and efficient preventive and corrective maintenance programs** for cabinets are implemented to minimize refrigerant losses (cause of greenhouse gases).
- ✓ **Refrigerated cabinets are being converted** to hybrid or carbon-neutral technologies.

### » IMPROVING THE ENERGY EFFICIENCY OF STORES

- ✓ With GreenYellow, a Group subsidiary, **store energy consumption is tracked and controlled remotely** to optimize power consumption.
- ✓ **Energy Performance Contracts have been implemented on almost 1 500 sites in France and abroad.** Several stores are ISO 50001 certified and Energy Savings Certificates are also in use at numerous sites.



### » PRODUCING SOLAR ENERGY

- ✓ **Producing green electricity** helps to reduce the Group's carbon emissions. Since 2007, 148 solar power plants have been set up on the roofs of stores and on the shades of car parks, in France as well as in Colombia and Brazil.

Some of these plants enable the stores **to be self-sufficient.**



## REDUCING CARBON EMISSIONS



### » SUPPORTING SUSTAINABLE MODES OF DELIVERY

- ✓ To reduce the impact of transport, the logistics teams are **optimising truck loads and frequency of delivery**.
- ✓ **The vehicle fleet is being modernising as technology progresses** for freight transport (vehicles running on NGV, biofuel or electric) as well as for employee travel.
- ✓ **Electric charging stations** are available in the car parks of stores in partnership with GreenYellow (roll-out of ultra-fast charging stations across 80 sites by 2021).
- ✓ For home delivery, **clean services (bike, pedestrian drive)** are available for customers.

### » OFFERING LOCAL AND SEASONAL PRODUCTS



- ✓ To reduce the carbon footprint of food products sold in stores and on merchant sites, stores **offer customers seasonal and locally produced products** (local distribution network, regional products).

### » PROVIDING BETTER CONSUMER INFORMATION

- ✓ To help customers make the right choice, **the Group supports environmental labelling** so as to inform consumers on product impact in terms of greenhouse gas emissions and water pollution.

Environmental labelling of a product or a service consists in communicating to consumers, on all relevant media (the product itself, in shelving, on a website, etc.), quantified information on its major environmental impacts, calculated over its whole life cycle.

### » PROMOTING PLANT PROTEINS

- ✓ **The Group strives for a better balance between plant and animal proteins, in accordance with the ADEME's** (Agency for Ecological Transition) recommendations, so as to reduce the carbon footprint of food consumption. The objective is to increase the amount of plant proteins consumed by customers (with meals containing more legumes and cereals) by reducing the amount of animal proteins. By consuming higher quality animal proteins and in smaller quantities, this transition can be achieved on a consistent budget.
- ✓ **A wide range of vegetarian and vegan products** is available to customers.

Some of the Group's banners are entirely dedicated to this kind of offer.



*\*In its forward-looking vision for 2050 to divide France's greenhouse gas emissions by 4 with respect to 1990, the ADEME (Agency for Ecological Transition) recommends lowering protein consumption from 113g/day/person (including 40g of plant origin) in 2010 to 86g/day/person (including 43g of plant origin) in 2050.*

# 5R

REFUSE to create avoidable waste

REDUCE the amount of waste

REUSE Blending recycled materials in packaging and make eco refills available

RECYCLE Optimising the recyclability of packaging

ROT Providing a non-polluting end-of-life for packaging waste other than incineration



## SAVING AND PRESERVING RESOURCES

### » SAVING WATER

- ✓ To reduce the use of water, banners are implementing, different solutions depending on their location: rainwater recovery systems, pressure reducers on taps to reduce the flow, phasing out of open cooling circuits using water with closed circuits.

### » SORTING AND RECYCLING WASTE

- ✓ Stores and warehouses sort their waste, mostly cardboards, plastics and organic waste.
- ✓ Points for collection of used products so as to recycle them (batteries, light bulbs, small household appliances) are made available to customers.
- ✓ In 2020, the Group sorted more than 227,500 tons of waste (cardboard, paper, plastic, organic waste, glass, wood, scrap metal, etc.), an increase of 8% in sorted waste per m2 in 2020 with respect to 2019.

### » USING SUSTAINABLE PACKAGING

- ✓ The Group has reasserted its commitments to reduce and recycle private-label product packaging (see Packaging policy of the Group's private-label products).
- ✓ The Group's ambition is to reduce the amount of materials used, improve their recyclability and to incorporate recycled materials, while guaranteeing that the consumer receives safe packaging with no risk to their health. The "5Rs" method: Refuse, Reduce, Reuse, Recycle, Rot is applied to private-label products.
- ✓ The gradual elimination of products that interfere with sorting or that can generate easily avoidable waste (plastic bags, single-use cutlery and plates, catalogues, etc.) is one of the Group's priorities.



## » PROMOTING PRODUCTS SOLD IN BULK



✓ **The banners are increasingly developing the sale of products in bulk:** dried fruits and vegetables, cereals, pasta, coffee, chocolate, oils, wine, washing products, etc.

These new concepts enable both customers to buy just the right amount (thus avoiding waste) and also to use recyclable or reusable packaging.

**A seed bar at Franprix**  
Bulk consumption allows customers to buy the desired quantity of product, thus limiting the use of packaging and food waste.

## » REDUCING FOOD WASTE

- ✓ **To reduce the quantity of unsold products and food waste,** store supply and storage are precisely controlled in order to manage customer demand as efficiently as possible.
- ✓ **“Products worth saving” initiatives for short-dated products,** so as to sell them before their expiry date at reduced prices, are implemented and reinforced. Partnerships have also been made with start-ups (such as Too Good To Go, Phenix) with the same objective.
- ✓ **Some fresh fruit and vegetables that are damaged are reused** to produce compotes or soups.
- ✓ **Food products that cannot be donated are recycled** (production of energy or compost)
- ✓ **Customers and employees are made aware of the fight against food waste,** particularly during the national day dedicated to this issue.
- ✓ **Stores give to food banks** (or to other collection associations) products that were not sold but can still be consumed.



# 19 000

In 2020, Casino Group's stores and warehouses gave 19 000 tons of food products to fight food waste



# PROTECTING BIODIVERSITY

## » PROMOTING RESPONSIBLE AND ORGANIC PRODUCTS

- ✓ **The Group offers a range of products that are more respectful of the environment and biodiversity.**
- ✓ Across the world, stores feature approximately **33,000 responsible products**, certified according to different product specifications ensuring a high level of standards.
- ✓ **The Group also supports organic farming and offers Organic products accessible to the greatest number of people with more than 22,700 food products**, more than 2,700 private-label products (Casino Bio, Monoprix Bio, Franprix Bio) and more than 200 100% Organic stores.

## » DEVELOPING AGROECOLOGY

- ✓ **The Group's banners are deploying programs to support agroecology:** Monoprix has implemented since 2015 the **"Tous Cultiv'acteurs"** program with more than 700 fruit and vegetable producers and are in partnership with BeeFriendly to promote production that respects the environment and pollinators.
- ✓ **With AgriPlus, Casino is committed to "Zero pesticide residue"**. This initiative responds to consumer demands while acting upon the conditions of production upstream.



### Tous Cultiv'acteurs with Monoprix

Tous Cultiv'acteurs aims at promoting a more sustainable agricultural model and in particular more respectful of pollinators. Suppliers are committed for 3 years to follow specific product specifications developed with the BEEFRIENDLY label and agricultural experts.

### 100% chance of finding 0% pesticide

Since 2015, the Casino brand has been offering frozen foods guaranteed free of pesticide residues (insecticides, fungicides and herbicides).

In 2018, the brand is completing its commitment by launching a range of fresh fruit and vegetables guaranteed free of pesticide residues, with products that change with the seasons.



## » FIGHTING DEFORESTATION

- ✓ To fight deforestation, the group implements actions **to support the sustainable sourcing of raw materials**, particularly for Brazilian beef, palm oil, soy and cocoa. These actions consist in demanding guarantees on the production of the raw materials by working on traceability of supply chains to make them more transparent.

Find out more about the Group's policy against deforestation, <https://www.groupe-casino.fr/le-point-sur-la-lutte-contre-la-deforestation-liee-a-lelevage-bovin-en-amerique-latine/>

## » PRESERVING HALIEUTIC RESOURCES

- ✓ **To preserve halieutic resources, as early as 2007 the banners banned the marketing of threatened species**, especially those in deep sea waters and support more sustainable fishing techniques such as those based on free shoals.
- ✓ **The Group promotes aquaculture** by offering its customers high-quality farmed products (Organic farming, no antibiotics, no GMOs).

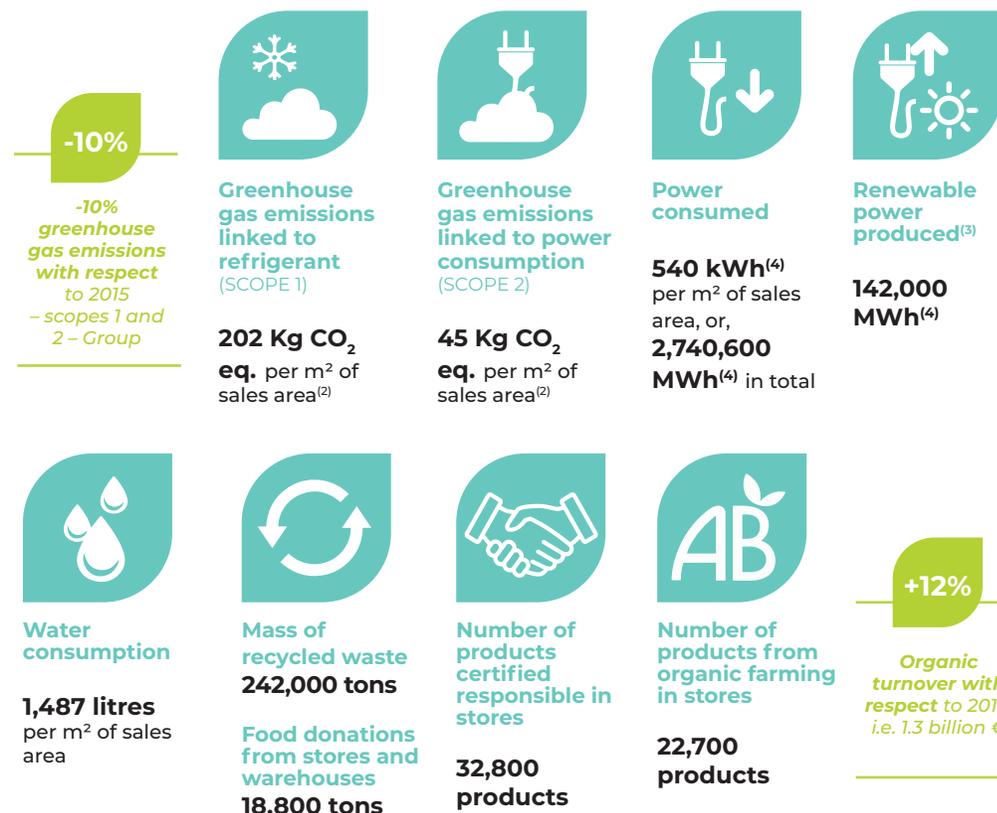
The Group condemns illegal fishing and destructive techniques such as electric fishing and promotes local supplies and seasonal products in order to offer more responsible products on the counters.



# PERFORMANCE MANAGEMENT

Casino Group manages its environmental impact with the implementation of multiple indicators to monitor performance.

## MONITORING INDICATORS<sup>(1)</sup> YEARS 2020



Breakdown of estimated direct and indirect greenhouse gas emissions associated with Casino Group<sup>(5)</sup>:



(1) Scope: Casino Group (see 2020 Universal Registration Document) (2) Kg CO<sub>2</sub> eq.: Kilogram CO<sub>2</sub> equivalent. This unit of measurement measures the quantity of Greenhouse Gases (GG), converted into CO<sub>2</sub> (carbon dioxide) equivalent; (3) Energy produced by the solar power plants set up in the car parks of stores. (4) MWh: Megawatt-hour. (5) For more information about the methodology used to draw up the Group's greenhouse gas assessment, please refer to Chapter 3 of the 2020 Universal Registration Document.

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