

# A future shaped on sustainability.

# Contents

1 2

Introduction  
pg 4-5

Letter from CEO  
pg 6-7

3 4 5

Sustainable goals  
pg 8-9

We are Castle EU  
pg 10-13

Castle and  
sustainability  
pg 14-23

6 7 8

Seeing ahead  
pg 24-25

The life cycle of  
plastic  
pg 26-29

Accreditations  
pg 30-31

A future  
shaped on  
sustainability.

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# “ Serious about sustainability.”

At Castle, we are passionate about shaping a better future for the generations to come. That is why we place sustainability at the core of our business.

By continually challenging ourselves and our partners, we can optimise our sustainability through new initiatives and innovations to become more efficient, less wasteful, and have a positive impact on the environment.

This approach is inspired by the principles of the circular economy and aims to protect people and contribute to the future of the planet.

To us, sustainability is not only about managing the resources we currently have. It's also about ensuring we build a brighter future shaped on sustainability.





# “ For a sustainable future, we must have innovation.”

At Castle, we are always looking for ways to ensure our practices are sustainable. As a market leader of cleaning innovation and technology, we must maintain our commitment with our partners and suppliers across the globe, practise what we promote, and lead by example.

Having been in the organisation for over 25 years, I have seen Castle go from strength to strength. I have witnessed first-hand how sustainability and environmental protection have become ever-increasing priorities and goals for the business and it makes me proud to know that Castle EU are part of a bigger movement that is dedicated to caring for our beautiful world.

In this brochure, you will see the wide range of sustainability goals we have already achieved, but our culture of continuous improvement means we are constantly challenging the norms and pushing new boundaries to accomplish more ambitious achievements.

It goes without saying that for a sustainable future, we must have innovation.

**Marcus Gill** | Innovation Director

"The UN Sustainable Development Goals are our driving force."



At Castle, the United Nations Sustainable Development Goals are our driving force, and we are happy to say that we fully support and contribute (both directly and indirectly) to all 17.



A photograph of two business professionals in blue and white striped shirts sitting at a table. They are both holding pens and looking down at documents or a laptop. The scene is brightly lit with a blue tint. The text is overlaid on the left side of the image.

# We are Castle. Market leaders in cleaning innovation and technology.

Caring for buildings  
and environments for a  
sustainable future.



# Castle sustainability committee.

Our sustainability committee oversee the environmental impact of everything we do at Castle.

We have a dedicated team drawn from across all operational areas of the organisation, including board level involvement, that meet weekly to review sustainable initiatives.

Our sustainability committee are constantly striving to increase our research and development and look for new ways to reduce our carbon footprint to enable us to perform in an increasingly sustainable way. We continually assess our impact on the environment and ensure we comply with government regulations.

The Castle sustainability committee are innovative forward-thinkers and always challenge us to keep raising the standard on every level.

Our key achievements so far include...

- Investment in thermal insulation technology to reduce energy consumption and loss
- Electronic ordering technology to reduce paper usage on a client and supplier level
- Electronic invoicing
- Online training portal with electronic training records and reporting to reduce paper usage on all levels

**ISO 14001 accredited**

Innovative  
forward-thinking  
that consistently  
raises the  
standard...

# Carbon footprint.

Carbon footprint is defined as the amount of carbon dioxide or other carbon compounds emitted into the atmosphere by the activities of an individual, organisation or community. At Castle, we have always had a goal to drive down our carbon footprint. To achieve this, we have adopted a number of approaches.

As we all know, pollution is becoming an increasing problem. As a result, all areas of our operation are carefully controlled to reduce this, including the utilisation of space and optimised routing of our transport and distribution.

Our national support offices and distribution hub include the latest environmentally friendly technologies, designed to increase efficiency and performance.

These technologies include...

- An additional 50% thermal insulation to reduce heat loss
- Fully automatic cooling systems to maximise efficiency
- Automated LED lighting utilised at our head office and distribution hub
- Electric forklifts and handling equipment in our distribution centres
- Hybrid vehicles used across the company
- IT initiatives to reduce paper usage
- The use of a national-approved network of 'last mile' couriers to reduce carbon footprint and emissions at all stages

All of these points play a crucial part in keeping sustainability and the environment at the core of what we do.

We believe in 'locally sourced'. Using local suppliers reduces the number of miles the components of our products have to travel which equates to less energy, less air pollution and lower CO<sub>2</sub>e output.

We are also happy to say that all of our electricity is provided from green energy and renewable sources. This is just another demonstration of our commitment to running in the most eco-friendly way possible.

**50%**  
thermal insulation  
to reduce heat loss



"Encouraging sustainable behaviour and thinking..."



# Logistics.

- 1** Eco-delivery route optimisation within 3 working days to ensure that carbon footprint is minimised.
- 2** We utilise a national-approved network of 'last mile' couriers to reduce carbon footprint and emissions at all stages.
- 3** Encouraging sustainable behaviour and thinking using a minimum order threshold, reducing our visits to an individual site and therefore reducing our carbon footprint and the environmental impact.
- 4** Super-hub distribution model from a single location, rather than a multi-depot approach. This allows us to reduce our carbon footprint by utilising pre-established courier networks, which reduces carbon emissions by combining fleets.

# Chemicals and environment.

- We say no to animal testing
- We use biodegradable chemicals
- Supply chain partners ISO 14001 approved
- Recyclable bottles and chemical containers utilised wherever possible
- Technological manufacturing has minimal aquatic toxicity
- The majority of our supply chain is UK manufactured. This reduces the number of miles that products travel, which equates to less energy, less air pollution and lower CO<sub>2</sub>e

**Triple**<sup>TM</sup> **8**

**Triple**<sup>TM</sup> **8**  
**DOSE**

**Triple**<sup>TM</sup> **8**  
**GREEN**

- Highly concentrated chemicals which reduce carbon footprint – diluting chemicals at the point of use and sourcing water locally minimises transport costs and carbon emissions. The precise dosing measurements reduces chemical wastage
- Recyclable bottles – reduces waste packaging
- Reduced hazardous chemicals
- Reduction of single-use plastics
- Bottles made from recycled plastics
- Reduced chemical consumption

Supporting and contributing to the circular economy...



**Paper.**

**1** 90% of our paper is sourced from FSC and PEFC-approved suppliers to help protect our forests for future generations.

**2** We offer a recycled range to reduce environmental impact and help close the loop in the circular economy.

**3** Raw materials for the recycled range of consumables are carefully selected using recovered fibres and cellulose from supply chains according to recognised sustainability criteria.

**4** We use cardboard outers where possible to eliminate single-use plastics from the waste stream.

# Certifications.

- Paper products are fundamental to a circular economy. The main benefit is that their wood fibres are renewable, recyclable and sustainable
- The main raw material of paper, wood fibre, is a renewable source and it's the most recycled of all packaging materials with a recycling rate of 85%
- The European pulp and paper industry is the biggest single user and producer of renewable energy in the EU
- European forest areas have been growing by over 1500 football pitches every day
- 500T CO<sub>2</sub>e is the equivalent of growing 8333 trees for 10 years
- PEFC, the Programme for the Endorsement of Forest Certification, is a leading global alliance of national forest certification systems



**211,298,946** certified hectares  
**42,391** CoC certificates  
**1,730** FM/CoC certificates  
**1,168** international members in  
**90 countries**  
**26 years of existence**



**330 million** hectares of forests globally certified  
**750,000** forest owners are PEFC-certified globally  
**55 countries** with a PEFC national member  
**20,000** companies in the world benefit from PEFC Chain of Custody certification  
**1,562,467** hectares certified in the UK

At Castle, we're serious about sustainability!

# Janitorial equipment.

**We pride ourselves on the sustainability of all our products, and it is very important to us that we offer a wide selection of eco-friendly and recyclable items to meet every eventuality.**

Two big current issues drive our passion for sustainability. Firstly, to eliminate single-use plastics and combat the ever-growing plastic pollution levels. Secondly, to reduce consumption of fossil fuels that are burnt in generating electricity used to produce single-use items and to power machinery.



# Seeing ahead.

Managing our current resources, reducing our impact on the planet and offering eco-friendly products is important to us here at Castle, but sustainability means more to us than that.

We're serious about sustainability and that includes our everyday practices, financial wellbeing and stability.

It's important to have an agile workforce that allows us to adapt quickly to the market and make decisions fast.

We believe it is about building a future shaped on sustainability, to ensure everyone can have a brighter tomorrow.

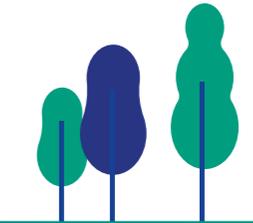


## Distribution

The super-hub distribution model approach from a single location (rather than multi-depots) reduces our carbon footprint. Motion-sensitive LED lighting and electric handling equipment reduces the use of fossil fuels and impact on the environment.

## Planning

Careful planning and route optimisation using an approved fleet network reduces carbon emissions and minimises our carbon footprint.



## Suppliers

By using local suppliers and sustainable materials, our products are manufactured in the most eco-friendly way. This reduces the carbon footprint and produces less CO<sub>2</sub>e output.



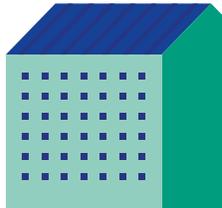
## Packaging

Products are packaged in recyclable materials such as cardboard to reduce single-use plastics and prevent plastic entering the waste stream.



## Recycling

Empty bottles and equipment are recyclable and can be returned to the manufacturing process as part of the circular economy.



100% of our cardboard waste is recycled.



When it comes to packaging, one of our priorities is to reduce our impact on the environment and to promote the use of renewable resources. Recycling plays a big part in our strategy, and it is something that we fully support and participate in.

We utilise the service of a local recycling company to bale and recycle 100% of our cardboard waste!

All cardboard packaging used at our distribution hub is recycled material and sourced from ISO 14001 approved suppliers.

We also use an innovative void fill system; this is 100% recyclable material and reduces the amount of packaging used.

**We have zero waste to landfill!**

# Packaging.

# Understanding plastic bottles.

You can recycle plastic bottles too! Nowadays, most products include recycling symbols on them.

There are lots of different symbols that denote how individual products are best disposed of. We are here to help you identify what the most common symbols mean.

The Widely Recycled symbol denotes that over 75% of England's councils provide a recycling collection for this packaging type.



- 99% of all UK local authorities now offer collection services for plastic bottles to local recycling facilities
- We can optimise the lifespan of plastics by re-using and recycling items as many times as possible. For example, by recycling used plastic bottles into new ones, we can reduce our need to create new plastic

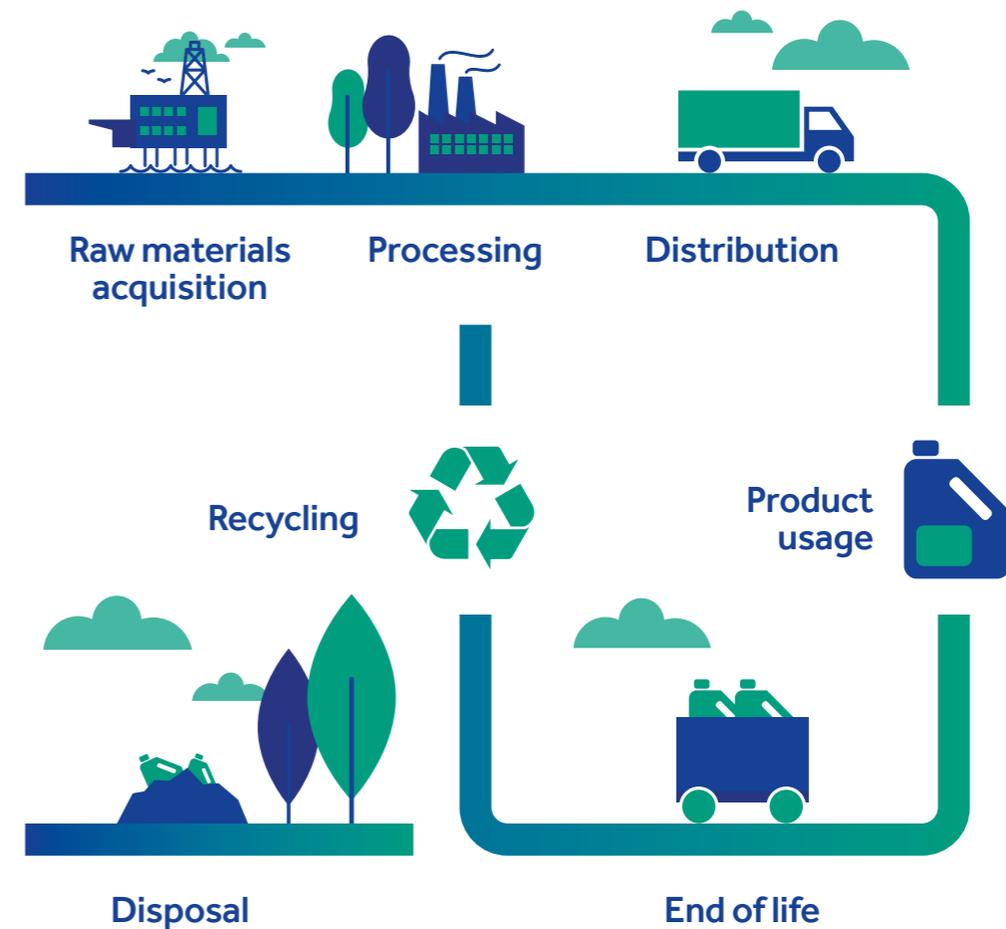
#### **This means we can:**

- Conserve non-renewable fossil fuels (oil)
- Reduce the consumption of energy used in the production of new plastic
- Reduce the amount of solid waste going to landfill
- Reduce emission of gases like carbon dioxide into the atmosphere



# The life cycle of plastic.

We have all seen the heart-wrenching images of how plastic poisons marine life, wildlife and the oceans. At Castle, we do everything we can to reduce the amount of plastic entering the waste stream, from the acquisition of raw materials, through to ensuring bottles are recyclable at the end of their life, minimising the use of single-use plastics and helping to close the loop in the circular economy.



# ISO accreditations.

Castle is committed to maintaining our environmental responsibility. As part of this goal, we strive to source and market products that are manufactured within the UK from organisations with specific environmental policies.

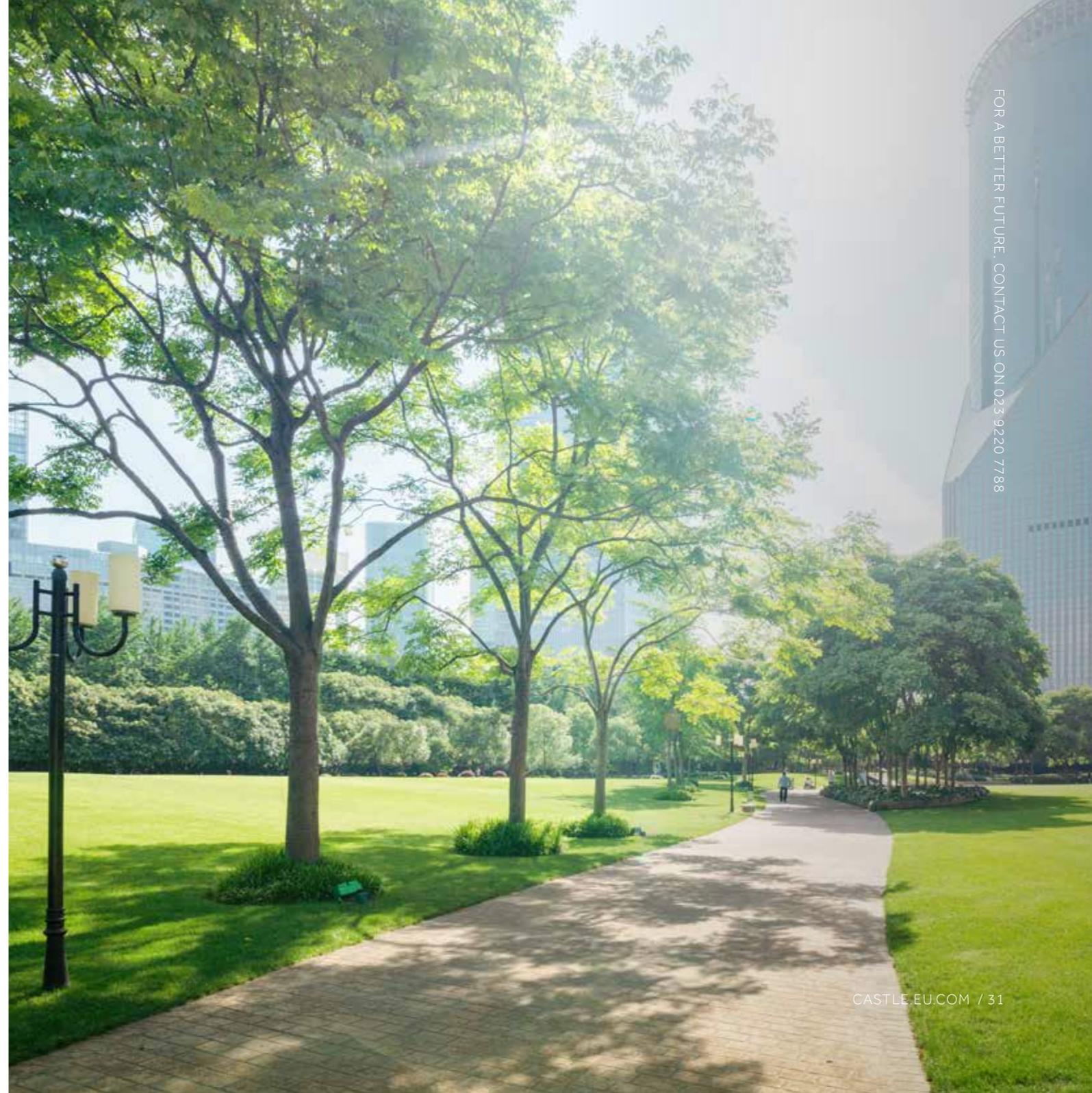
As a company, we are ISO 9001 and ISO 14001 accredited and supply FSC-certified products.



**ISO 14001** is the international standard that specifies requirements for an effective environmental management system (EMS).

**ISO 9001** is defined as the international standard that specifies requirements for a quality management system (QMS).

At Castle, we have a culture of continuous improvement...



# Caring for future generations!

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