

Coca-Cola



Coca-Cola HBC
Ireland & Northern Ireland

OUR COMMITMENT TO SUSTAINABILITY AND WATER STEWARDSHIP

May 2022

Sharing an insight into our Water Reduction and
Stewardship achievements and future plans



THE COCA-COLA HBC SYSTEM LOCAL FOOTPRINT

Create Demand

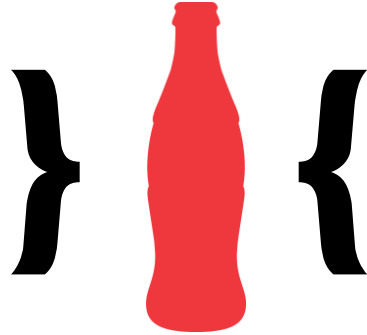
Owners of the Trademarks

Brand Development

The Coca-Cola Company

Consumer Marketing

Concentrate Production and Sale



Delivers demand

Bottling

Sales and distribution

The Bottlers

Trade Marketing

Customer management In-outlet execution

No. 1
NARTD beverage Leader across the island of Ireland

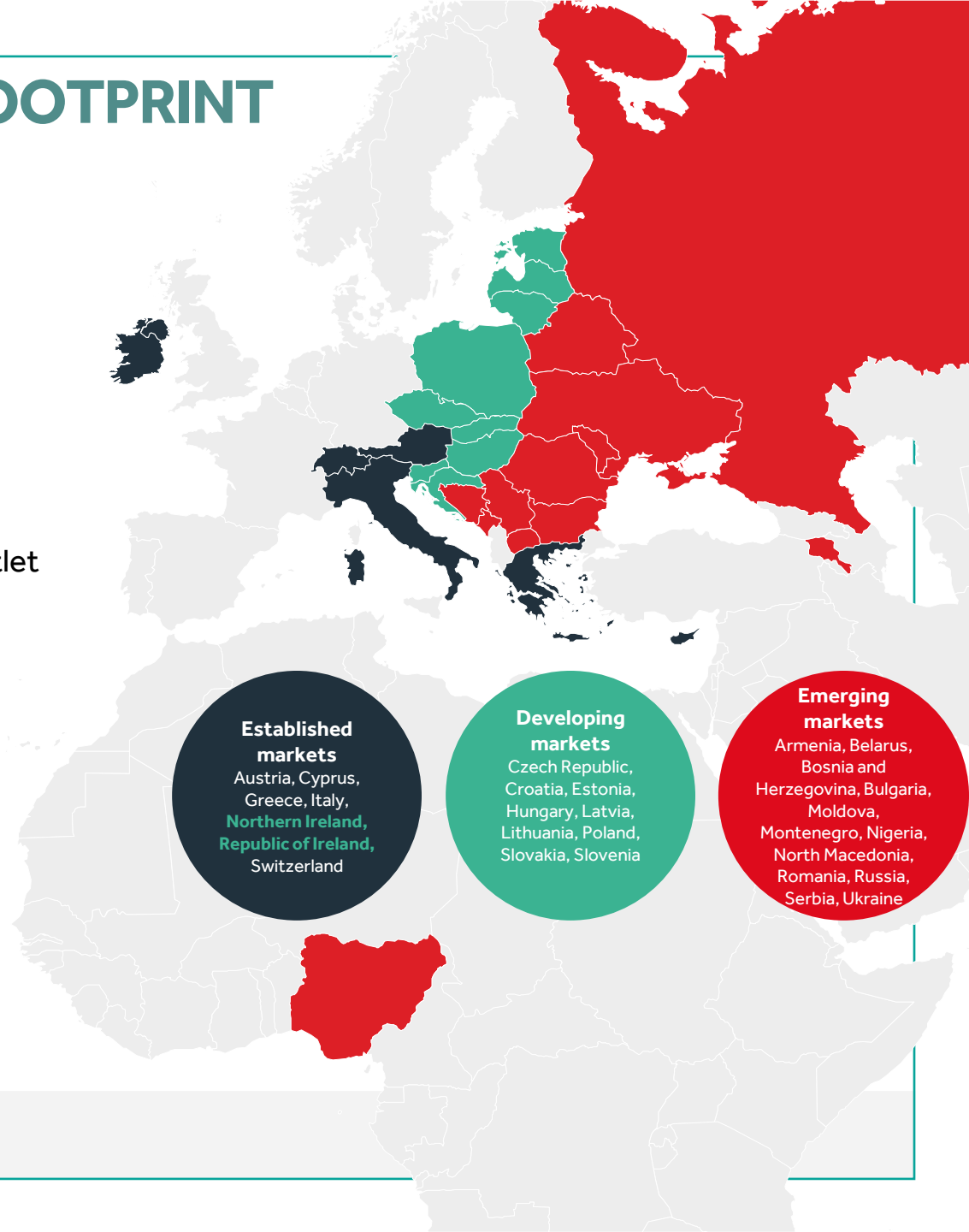
36.3%
value share in the NARTD Category

700+
Employees across the island of Ireland

€430m
Turnover

€20m
in our Knockmore Hill manufacturing site in the last 3

€1.4m
Social Impact as a result of value adding community investment



Coca-Cola HBC
Ireland & Northern Ireland

OUR FACILITY



**Single state
of the art
manufacturing
facility**



**Offices in both
N. Ireland and
Rep. of Ireland**



**390 million
litres
of beverage produced
annually**



**7 Lines
3 x PET Lines
1 x Glass Lines
2 x Canning line
1 x BIB line**



Coca-Cola HBC
Ireland & Northern Ireland

MISSION SUSTAINABILITY 2025 COMMITMENTS

Our mission 2025 approach is based on our stakeholder materiality matrix and is fully aligned with the United Nations Sustainable Development Goals (SDGs) and their targets.

ENVIRONMENT			SOCIAL			GOVERNANCE		
6 CLEAN WATER AND SANITATION	7 AFFORDABLE AND CLEAN ENERGY	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	5 GENDER EQUALITY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION	4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION
14 LIFE BELOW WATER	15 LIFE ON LAND		8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS	
			12 RESPONSIBLE CONSUMPTION AND PRODUCTION	16 PEACE, JUSTICE AND STRONG INSTITUTIONS				

EMISSIONS REDUCTION

- 1. LESS EMISSIONS IN OUR OPERATIONS**
Reduce direct carbon emissions ratio by **30%**
- 2. LESS EMISSIONS IN CUSTOMER OUTLETS**
50% of our refrigerators in customer outlets will be energy efficient
- 3. MORE RENEWABLES**
50% of total energy used in our plants will be from renewable and clean sources
- 4. 100% RENEWABLE AND CLEAN ELECTRICITY**
100% of the total electricity used in our plants in EU and Switzerland will be from renewable and clean sources

WATER REDUCTION & STEWARDSHIP

- 5. LESS WATER CONSUMPTION IN WATER-RISK AREAS**
Reduce water use in plants located in water risk areas by **20%**
- 6. 100% WATER SECURITY IN WATER-RISK AREAS**
Help secure water availability for all our communities in water risk areas

WORLD WITHOUT WASTE

- 7. 100% RECYCLABLE PACKAGING**
100% of our consumer packaging will be recyclable
- 8. MORE RECYCLED PET**
Source **35%** of the total PET we use from recycled PET and/or PET from renewable material
- 9. MORE WASTE COLLECTION**
Help collect the equivalent of **75%** of our primary packaging

SOURCING

- 10. SOURCING**
Source **100%** of key agricultural ingredients in line with sustainable agricultural principles

NUTRITION

- 11. LESS CALORIES ACROSS SSD PORTFOLIO**
Reduce by **25%** the calories per 100ml of sparkling soft drinks

OUR PEOPLE & COMMUNITIES

- 12. PROMOTING SAFETY FOR OUR WORKFORCE**
Target zero fatalities and reduce (lost time) accident rate by **50%**
- 13. FULL GENDER BALANCE**
50% of manager positions will be held by women
- 14. SUPPORTING OUR COMMUNITIES TO LEARN**
10% community participants will join first-time managers' development programmes
- 15. SCALE UP #YE FLAGSHIP PROGRAMME**
#Youth Empowered - train 1 million young people
- 16. ZERO WASTE COOPERATION**
Engage in 20 Zero Waste partnerships (city and/or coast)
- 17. VOLUNTEERING**
10% of employees will take part in volunteering initiatives

Coca-Cola
Hellenic Bottling Company



Coca-Cola HBC
Ireland & Northern Ireland

A DECADE OF ENVIRONMENTAL SUSTAINABILITY

In 2010, we set targets to reduce our water, waste and energy use. Here is an overview of our achievements to date



Using energy as efficiently as possible



34 million megajoules of energy saved, which is the same amount of energy consumed by 2,261 average households per year.



62% less carbon emissions per litre of beverage produced which is the equivalent of removing **920** diesel fuelled cars from the road per year.



100% of our forklifts are biogas powered.



100% of our electricity is from a clean or renewable source.



85% of our energy sourced from a Combined Heat Power plant.



18% of our total fleet are an electric or hybrid vehicle. .



Energy efficient lighting installed in our Knockmore Hill facility.



50% of our refrigeration in customer outlets is energy efficient.

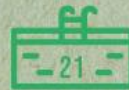
Responsible water stewardship



19% improvement in our water ratio. In 2010, we used **1.86** to produce one litre of beverage, in 2021, we used **1.5** litres.



We continue to invest in technologies and resources to **improve our water efficiency.**



53 million litres of water saved in the last decade - the equivalent of 21 Olympic-size swimming pools.



Continue to Recycle water in our manufacturing processes and **returning clean wastewater to the environment** at a level that supports aquatic life via the local water authority.

Waste and recycling



Over **99%** of **waste** produced has been **recovered or recycled** in the last 5 years.



Supporting **recycling programmes** and Extended Producer Responsibility schemes across the island of Ireland.



We continue to focus on eliminating waste from the manufacturing process and have reduced our tonnage of waste generated by **44%**.



Reducing virgin plastic usage by integrating more than **46% recycled PET (rPET)** across our portfolio and making our **packaging 10% lighter.**

COCA-COLA HBC IS COMMITTED TO GROWING SUSTAINABLY

We pride ourselves on our sustainability credentials

CCH Group



Dow Jones
Sustainability Indexes

In 2022, the **Dow Jones Sustainability Indices** ranked Coca-Cola HBC Group Europe's most sustainable beverage company



In 2021, we received the top **"AAA" rating from the MSCI ESG** for the seventh year in a row.



FTSE4Good

In 2021, **FTSE4Good Index Series** rated Coca-Cola HBC with the highest score in the beverage industry.



CLIMATE WATER

In 2020, we received a leadership score and an **"A" rating on CDP's Climate and Water disclosures.**

CCH Local



In 2020, we became the first company to sign our **second Prosperity Agreement** with the Northern Ireland Environment Agency



In 2021, we achieved **platinum status** in the Business in the Community Northern Ireland Environmental Awards for the 6th consecutive year.



In 2021, we obtained the worldwide **AWS certificate Gold Certification** for sustainable water management for our Knockmore Hill facility.



In 2021, we received Green Food and Beverage Awards for **Best Sustainable Packaging Strategy** and **Sustainability Team of the Year**



Commit to internal and external environmental management system certifications in compliance with the internationally recognised **ISO 14001 standard.**

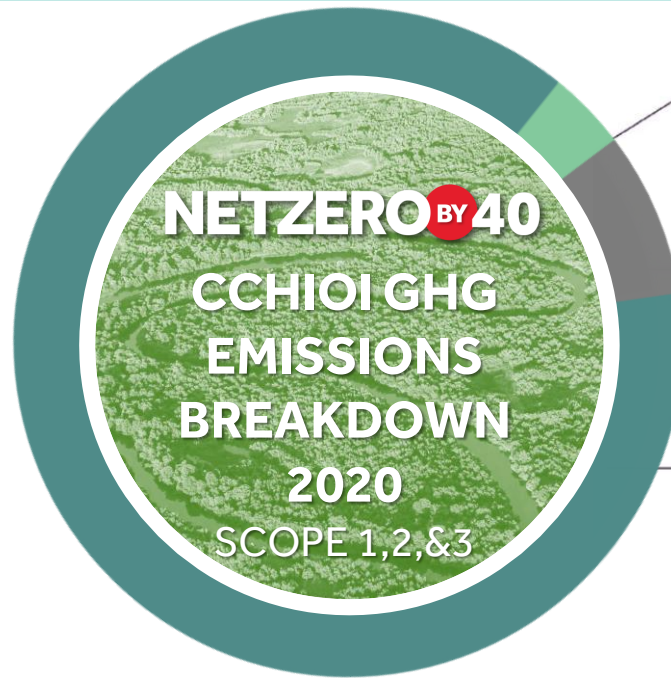


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NETZERO BY 40

PLEDGE

**COCA-COLA HBC
COMMITTS TO ACHIEVING
NET ZERO EMISSIONS
ACROSS ITS ENTIRE VALUE
CHAIN BY 2040**



4%

SCOPE 1
Direct emissions from owned or controlled

8%

SCOPE 2
Indirect emissions from the generation of purchased energy.

88%

SCOPE 3
Indirect emissions that occur in the value chain, including both upstream and downstream (e.g. Purchased goods and services/capital goods/transportation)

12%

INGREDIENTS



▼ **45%**

56%

PACKAGING



▼ **18%**

13%

OPERATIONS



▼ **46%**

5% 14%

**TRANS
PORT**



▼ **4%**

**COLD DRINKS
EQUIPMENT**



▼ **40%**



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NETZERO BY 40

SUPPORTING ENVIRONMENTAL & COMMUNITY CARE

Coca-Cola CLEAN COASTS WEEK
2008 - 2019



Dublin
#CircleCity



INVESTMENT RESOURCING AWARENESS PROMOTION

THE AWS INTERNATIONAL WATER STEWARDSHIP STANDARD

AWS International Water Stewardship Standard (AWS Standard) is a globally-applicable framework for major water users to understand their water use and impacts, and to work collaboratively and transparently for sustainable water management within a catchment context. The Standard is intended to drive social, environmental and economic benefits at the scale of a catchment.



It achieves this by engaging water-using sites in understanding and addressing shared catchment water challenges as well as site water risks and opportunities. It asks water-using sites to address these challenges in a way that progressively moves them to best practice in terms of five outcomes:



GOOD WATER GOVERNANCE



SUSTAINABLE WATER BALANCE



GOOD WATER QUALITY STATUS



IMPORTANT WATER-RELATED AREAS



SAFE WATER, SANITATION AND HYGIENE FOR ALL (WASH)



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WATER STEWARDSHIP POLICY AND PLAN



Senior management commitment to implement and disclose progress on water stewardship programmes to achieve improvements in the five AWS water stewardship outcomes



We will continue to monitor and measure our water use in relation to consumption and quality. In 2022 our annual water use ratio target is 1.48 litres of water/litre of beverage produced



Optimising the water use in our cleaning processes and reducing the flow of water used to clean beverage tanks whilst maintaining quality requirements








Engagement with our key stakeholders on shared water risk/challenges in our catchment



ALLIANCE FOR
WATER STEWARDSHIP

IMPLEMENTATION OF THE STANDARD IS INTENDED TO ACHIEVE FIVE MAIN OUTCOMES FOR THE SITE AND ITS DEFINED PHYSICAL SCOPE:

-  GOOD WATER GOVERNANCE
-  SUSTAINABLE WATER BALANCE
-  GOOD WATER QUALITY STATUS
-  IMPORTANT WATER-RELATED AREAS
-  SAFE WATER, SANITATION AND HYGIENE FOR ALL (WASH)

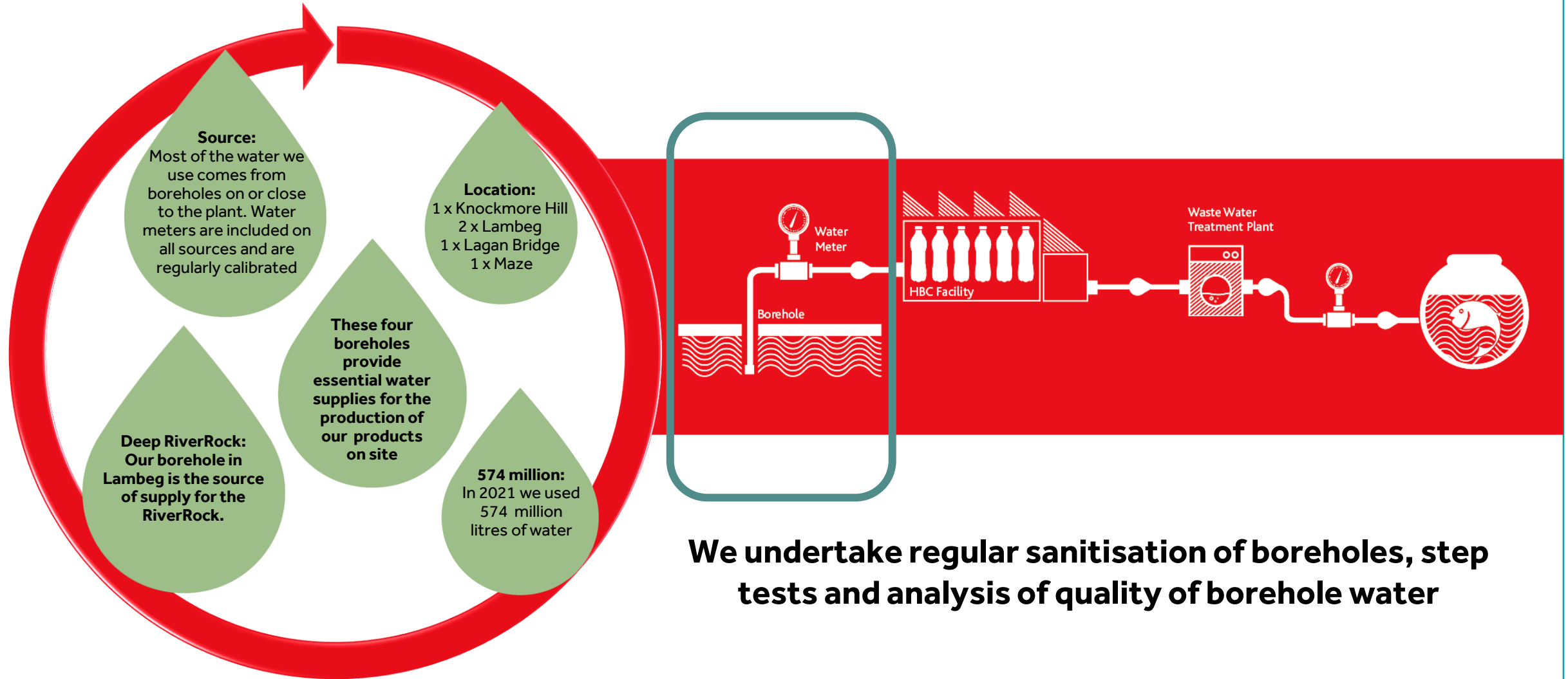
Each criterion in the Standard has the associated symbol or symbols representing the outcome to which fulfilment of the criterion will contribute.



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For more information on our plan and policy please visit ie.coca-colahellenic.com/

OUR WATER JOURNEY - WATER SUPPLY & LOCATIONS



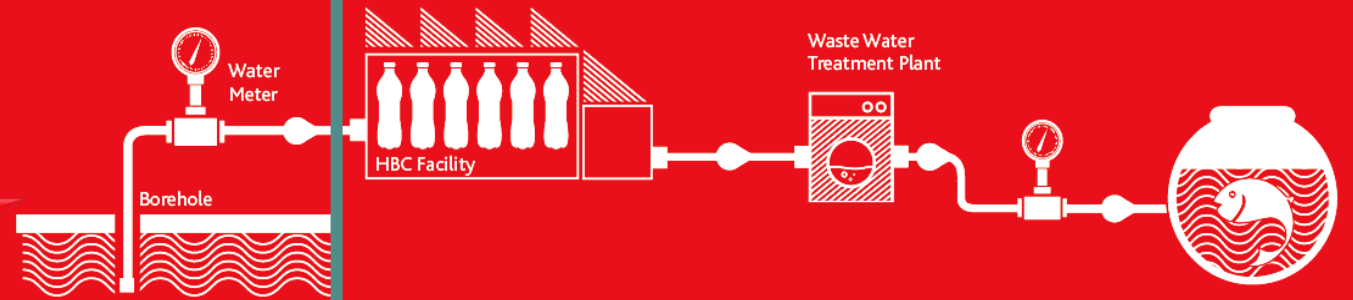
OUR WATER JOURNEY - WATER USE ON SITE

Stormwater lagoons:
Capture rainwater from the roof areas and hardstanding on site.

Use: Water is the primary ingredient in our beverage and we apply strict water treatment requirements to ensure the quality of our beverages.

NI Water Treatment:
Treated process waste is then discharged to the waste treatment plant operated by NI Water

On site Treatment:
100% of our waste water is treated in our onsite Waste Water Treatment Plant



Continue to recycle water in our manufacturing process and returning clean wastewater to the environment at a level that support aquatic life via NI water.

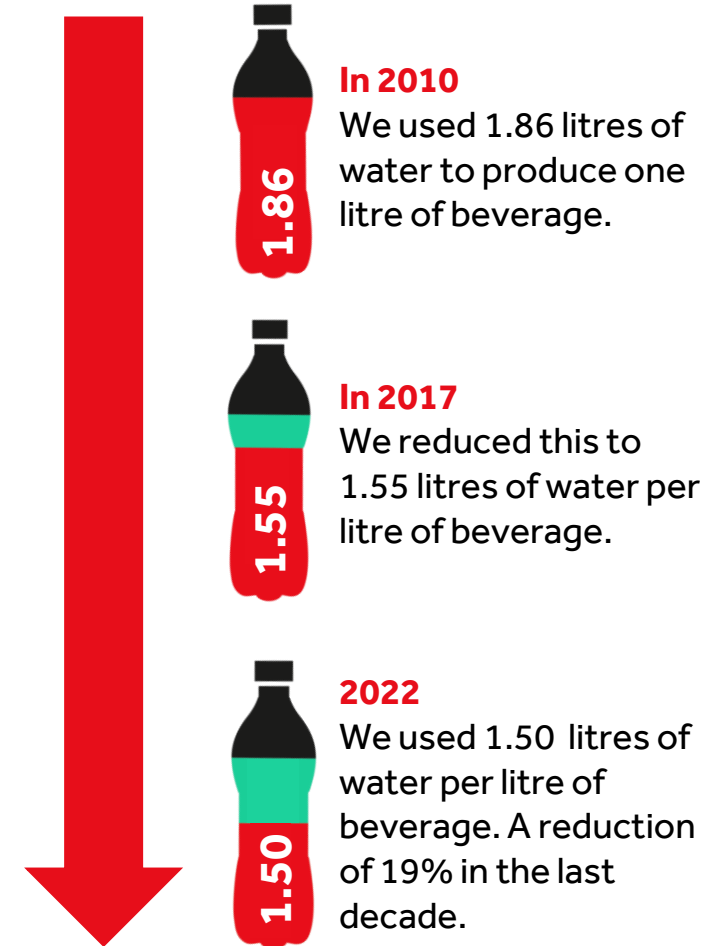


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WATER MANAGEMENT – WATER USE RATIO

“Committed to reducing Water Consumption by raising awareness of water sustainability and tackling water use within our Supply Chain”

- We record all water consumption on site on a weekly basis.
- **Every month** as a KBI we calculate the **litres of water** we use to make one litre of beverage. The amount of water we use is linked to the amount of beverage we produce.
- **Every year** we **establish targets** for our water use KBI and identify actions to improve our water use ratio.
- In 2021 we used 574 million litres of water, 12% increase v 2020 (post COVID 19)
- *In 2022 our focus is on reducing the amount of water we use in our cleaning processes and to look for opportunities in our production planning process to optimise efficiencies*
- ***Reducing tank ponding for cleaning of tanks in our syrup room (complete);; also installing new spray balls for more efficient cleaning of syrup room tanks.***
- ***Focus on operational efficiency to drive CIP performance and look for water reduction opportunities***
- ***Machine automation based projects to look at potential water savings eg no***



PERMITS & LICENCES



Wastewater
discharge limits
tested

1 exceedance in 2021

PPC PERMIT
NIIWA

northern ireland
water

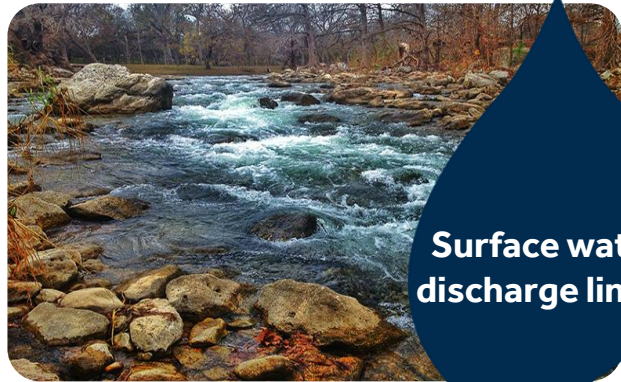


Delivering what matters



Abstraction
Licences
issued

Compliant in 2021



Surface water
discharge limits

No exceedances in 2021

Rivers Agency
Issue stream
monitoring

No flood events

Discharge
Consent
issued by NI
Water

Deemed
Compliant in 2021



Borehole water
monitored

Compliant in 2021

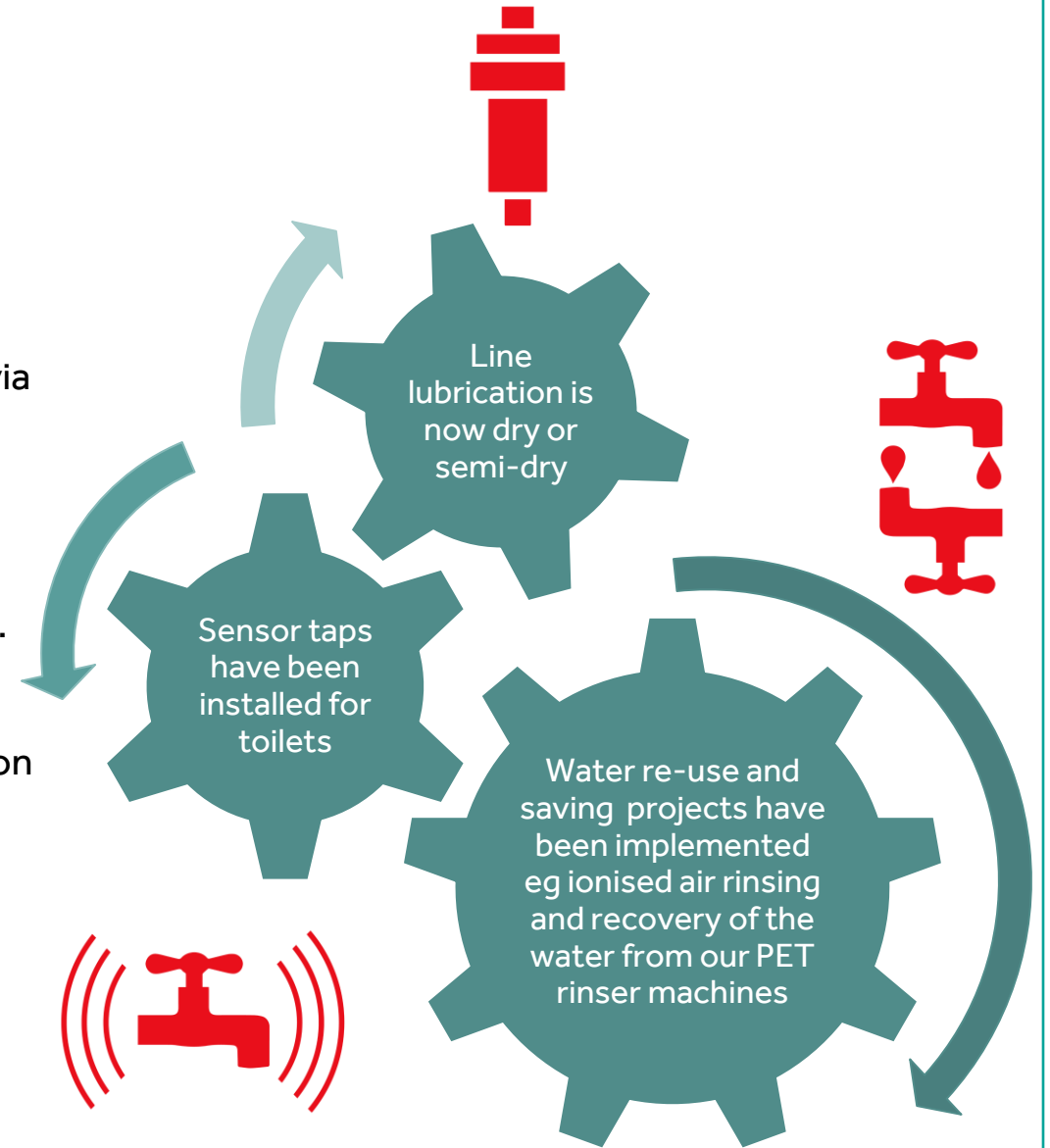


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WATER – KEY MEASURES

Some of our recent water reduction measures we have implemented include:

- Water metering and calibration of all our water sources.
- Continue to recycle water in our manufacturing processes and returning clean wastewater to the environment at a level that supports aquatic life, via the local water authority.
- Installing sensors on the hand washing and toilet flushing facilities.
- Changing line lubrication from wet to dry or semi-dry to save water.
- Extending the frequency of backwashing in water treatment filter systems.
- Utilising a near loss reporting programme to enable reporting of any leaks.
- Installation of an 'air rinser' on the canning line to reduce water consumption saving 6,679,000 litres of water.
- Water Stewardship(EWS) certification in 2018
- In 2021 we were certified to Alliance for Water Stewardship(AWS)
- **In 2022 rinse water recovery programme for our PET lines has been upgraded**



FEEDBACK FROM THE 2021 AWS AUDIT

Update the sites water map to show water that has been recycled and effluent quantity

Important Water Related Areas(IWRA) - Identify River Lagan and Lissue stream

Find out more information on the catchment water balance where our sites are located eg the water balance of Lough Neagh has not been determined.

Find out more information about WASH(Water/Sanitation and Hygiene) status in catchment



Next surveillance audit by Lloyds is planned for the 22/23rd June 2022



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WATER RISKS AND OPPORTUNITIES

In accordance with Aquaduct Water Risk Atlas the overall water risk of our site is identified as **low to medium risk**.

Some of our water pipelines run from our **old site in Lambeg to Knockmore Hill**

There have been **several flood incidents** that have had an impact on the site since it opened in 2007, **last flood incident was 2012**. However, flood defence works have been undertaken.

BAT(Best Available Techniques) review of our WWTP process.

Investigating the design of our waste water treatment plant with our head office.



WHO TO CONTACT FOR MORE INFORMATION:



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Country QSE Manager



Charles Osborne
Safety Environment &
Loss Prevention
Manager



Gillian Shields
Customer Partnership
Sustainability Manager

OR VISIT OUR WEBSITE
ie.coca-colahellenic.com/

