

# Water Stewardship Stakeholder Event

*Sharing an insight into  
Coca-Cola HBC's Water  
Reduction and Stewardship achievements and future plans*

**MAY 2021**



Coca-Cola HBC  
Ireland & Northern Ireland





# **Welcome All**

**Clive Wilson**

**ICSC Manager Island of Ireland**



# 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

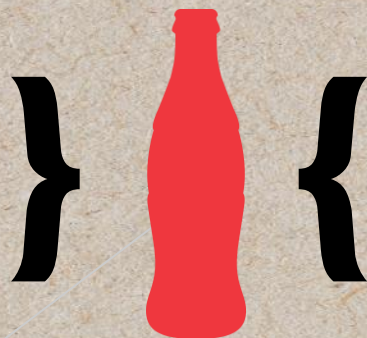
Bottling

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



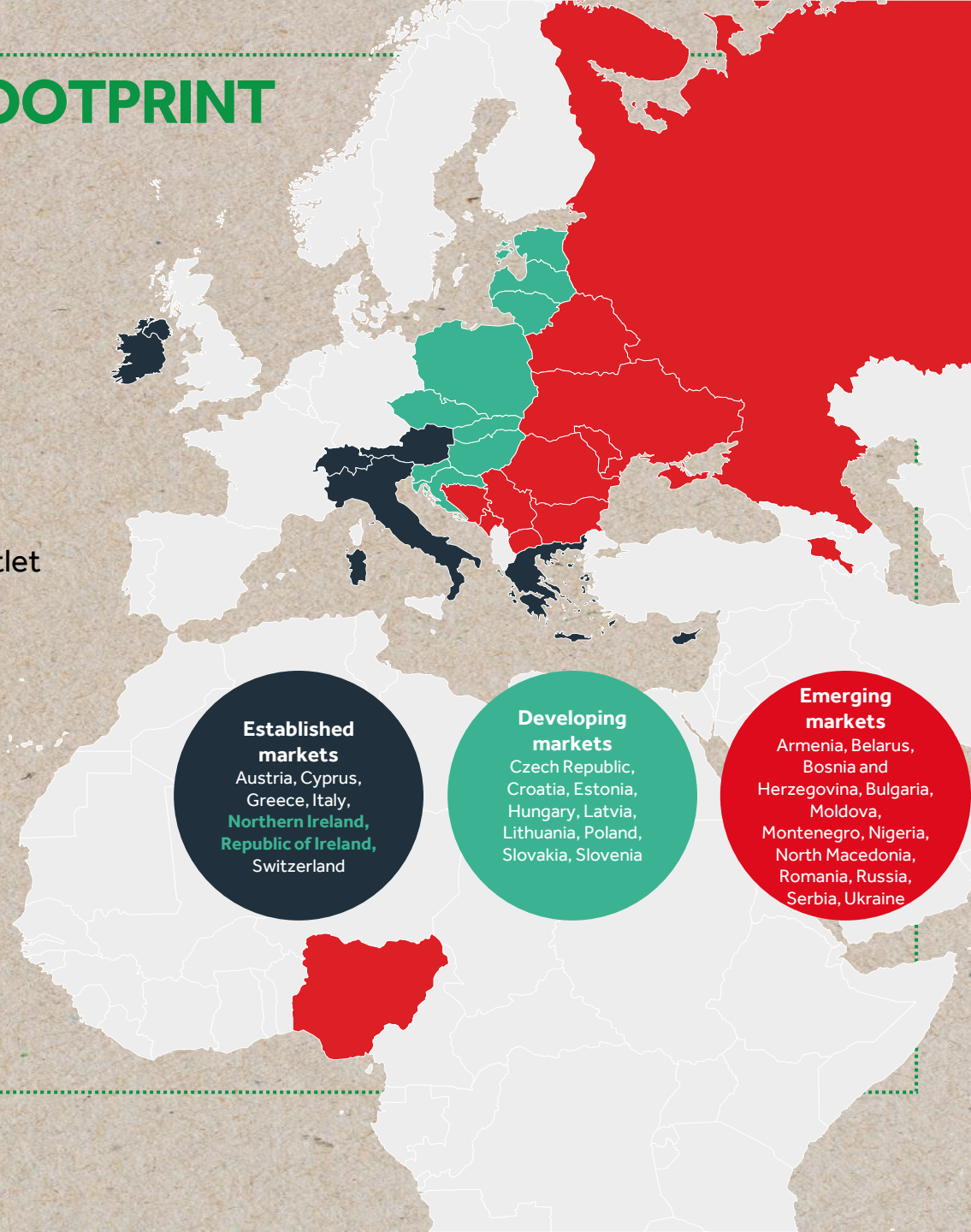
**€430m**  
Turnover



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



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



**Established  
markets**  
Austria, Cyprus,  
Greece, Italy,  
**Northern Ireland,**  
**Republic of Ireland,**  
Switzerland

**Developing  
markets**  
Czech Republic,  
Croatia, Estonia,  
Hungary, Latvia,  
Lithuania, Poland,  
Slovakia, Slovenia

**Emerging  
markets**  
Armenia, Belarus,  
Bosnia and  
Herzegovina, Bulgaria,  
Moldova,  
Montenegro, Nigeria,  
North Macedonia,  
Romania, Russia,  
Serbia, Ukraine



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 2025

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



## MISSION SUSTAINABILITY 2025 COMMITMENTS

### 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

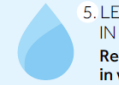


4. 100% RENEWABLE AND CLEAN ELECTRICITY  
**100%** of the total electricity used in our plants in EU and Switzerland will be from renewable and clean sources



### 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





# 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



**43 million** megajoules of energy saved, which is the same amount of energy consumed by 2,860 average households per year.



**60% less carbon emissions** per litre of beverage produced which is the equivalent of removing **900** 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.



**10%** 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



**20% improvement in our water ratio.** In 2010, we used **1.86** to produce one litre of beverage, in 2020, we used **1.49** litres.



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



**115 million litres** of water saved in the last decade - the equivalent of 46 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 **39%**.



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



# THE COCA-COLA HBC LOCAL AND GLOBAL ACHIEVEMENTS



Dow Jones  
Sustainability Indexes

In 2021, the **Dow Jones Sustainability Indices** ranked Coca-Cola HBC Group the world's #1 sustainable beverage company for the 5th time in 7 years.



In 2020, we became the first company to sign our **second Prosperity Agreement** with the Northern Ireland Environment Agency to drive improvements to our business, incorporating biodiversity and wider environmental projects.



In 2020, we achieved **platinum status** in the Business in the Community Northern Ireland Environmental Awards for the 5<sup>th</sup> consecutive year.



In 2020, our Knockmore Hill facility was awarded the highly prestigious **European Water Stewardship Award** – Gold Certification for the 3<sup>rd</sup> consecutive year.



We were **Green Manufacturer** of the year 2020.



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



Coca-Cola HBC  
Ireland & Northern Ireland



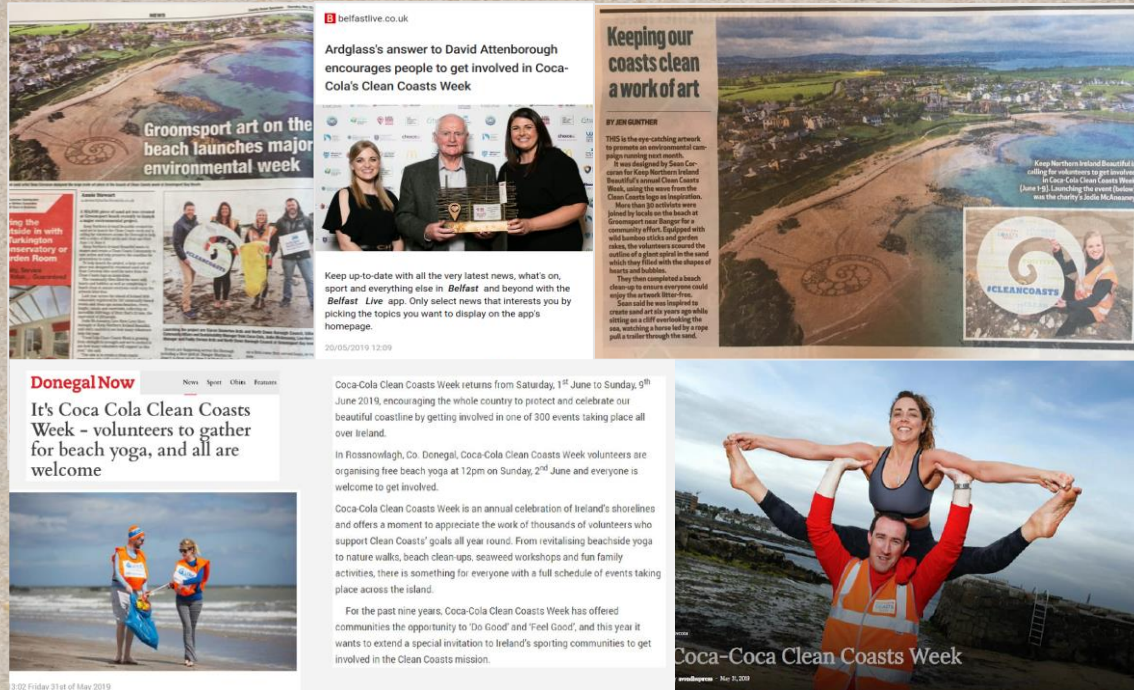
# SUPPORTING ENVIRONMENTAL & COMMUNITY CARE

**Coca-Cola CLEAN COASTS WEEK**

**2008 - 2019**



**LIVE  
HERE  
LOVE  
HERE**



**Adopt A Spot**



**LIVE  
HERE  
LOVE  
HERE**



**INVESTMENT**

**RESOURCING**

**AWARENESS**

**PROMOTION**



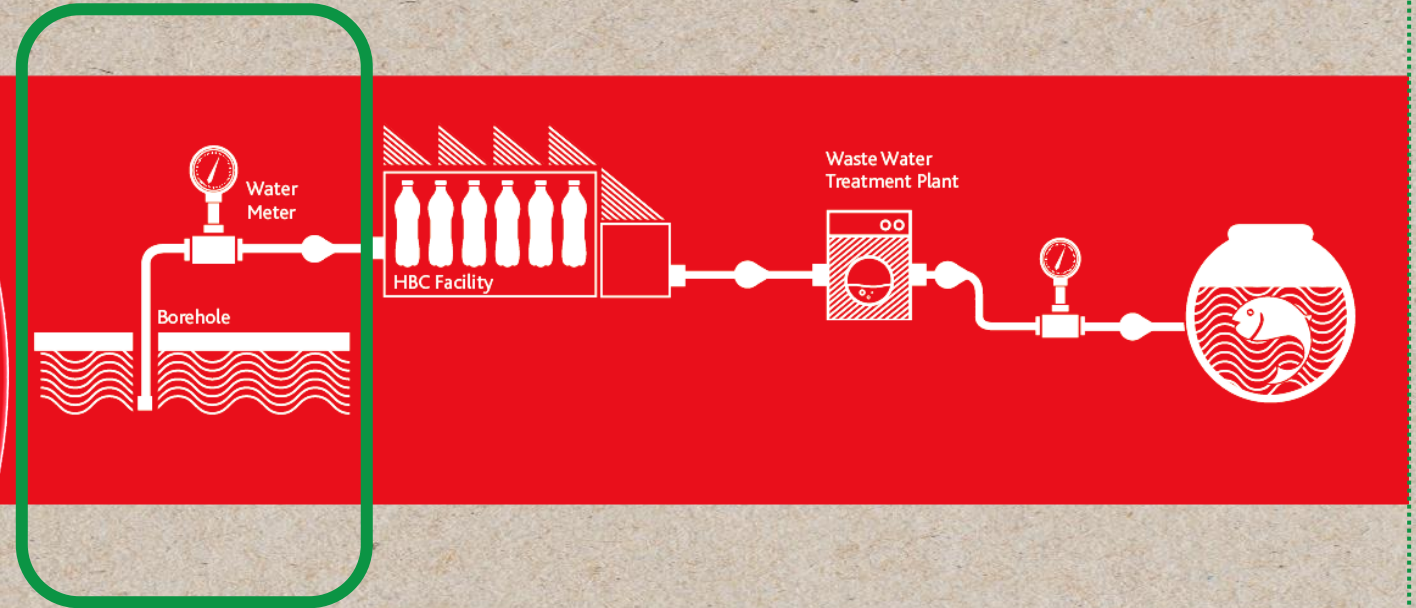
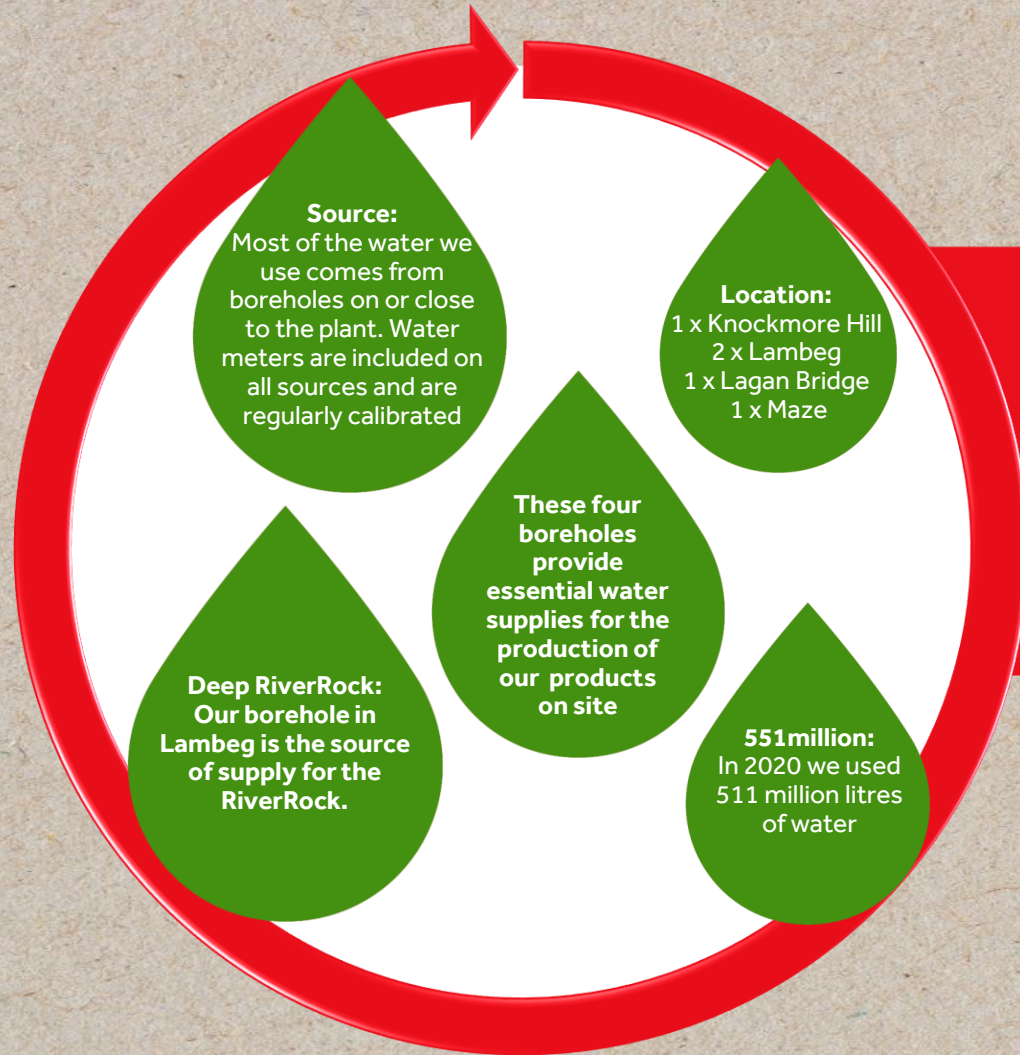
Coca-Cola HBC  
Ireland & Northern Ireland







# OUR WATER JOURNEY - WATER SUPPLY & LOCATIONS



**We undertake regular sanitisation of boreholes, step tests and analysis of quality of borehole water**



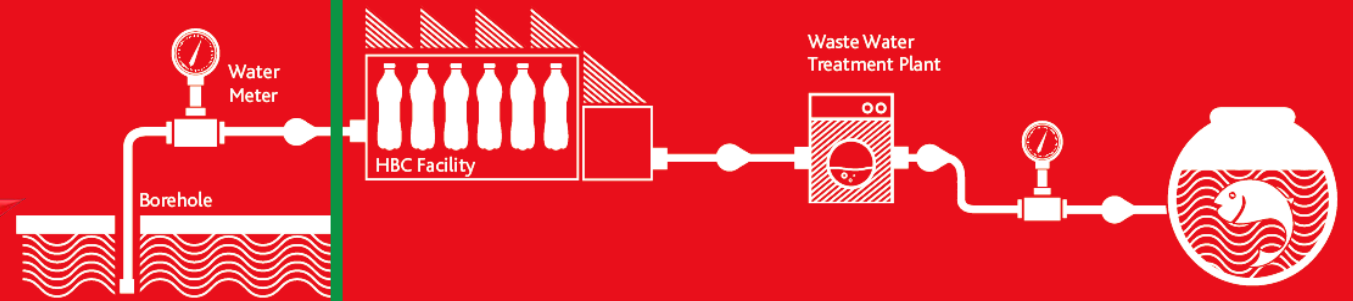
# OUR WATER JOURNEY - WATER USE ON SITE

**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



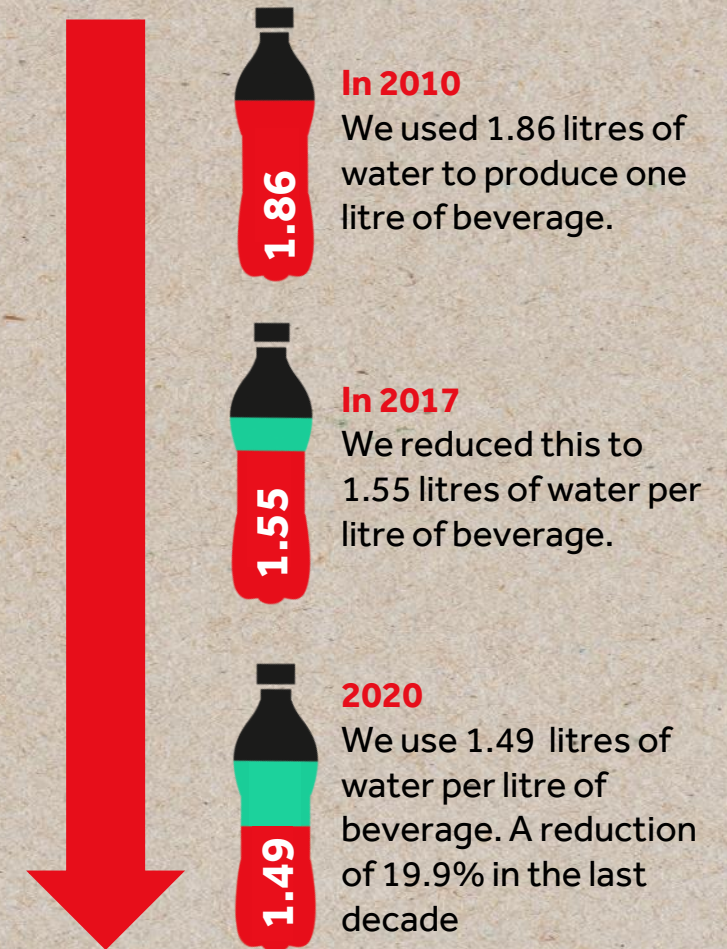
**Continue to recycle water in our manufacturing process and returning clean wastewater to the environment at a level that support aquatic life via NI water.**



# 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 2020 we used 511 million litres of water
- In 2021 our focus is on reducing the amount of water we use in our cleaning processes

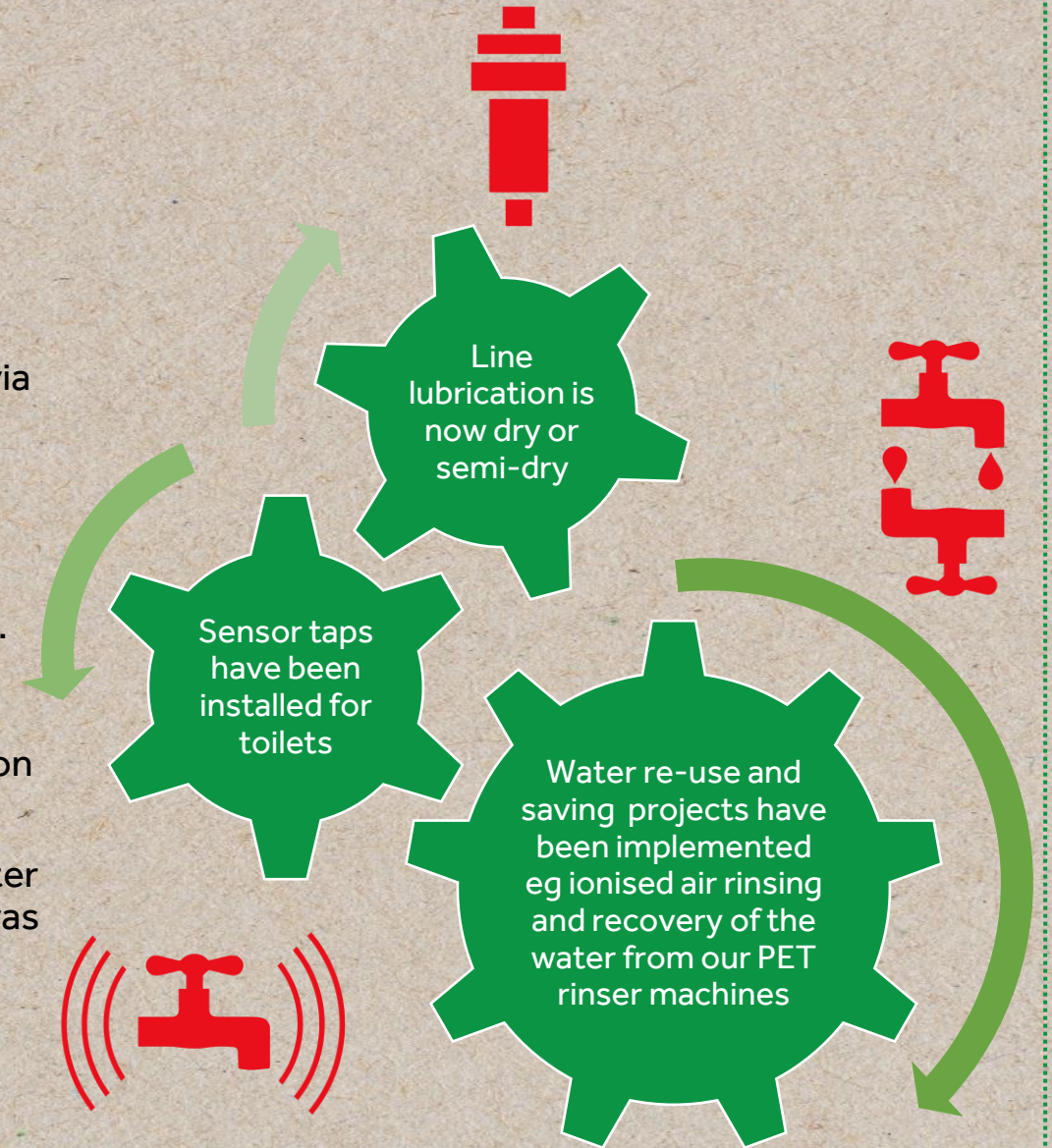




# WATER – KEY MEASURES

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.
- Implemented a rinse water recovery programme, to recover and reuse water used in our rinsing process. In the last year alone, **9502 m3** of rinse water was reused.
- European Water Stewardship(EWS) certification in 2018
- In 2021 we are working towards certification to Alliance for Water Stewardship(AWS)





# PERMITS & LICENCES



**Wastewater  
discharge limits  
tested**

No exceedances in 2020

**PPC PERMIT  
NICA**

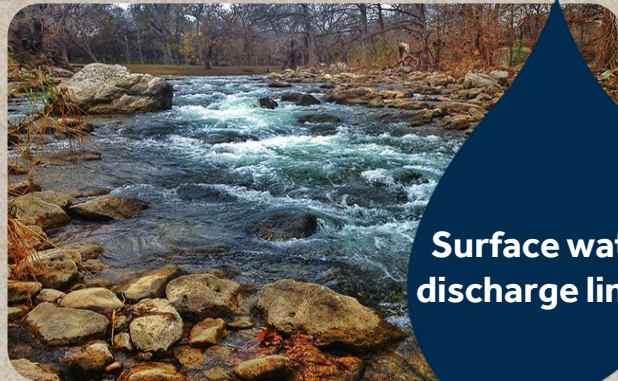
northern ireland  
**water**

Delivering what matters

**Abstraction  
Licences  
issued**



No exceedances in 2020



**Surface water  
discharge limits**

No exceedances in 2020

**Rivers Agency  
Issue stream  
monitoring**

No flood events

**Discharge  
Consent  
issued by NI  
Water**

Compliant in 2020

**Borehole water  
monitored**



Compliant in 2020



# WATER RISKS AND CHALLENGES

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

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

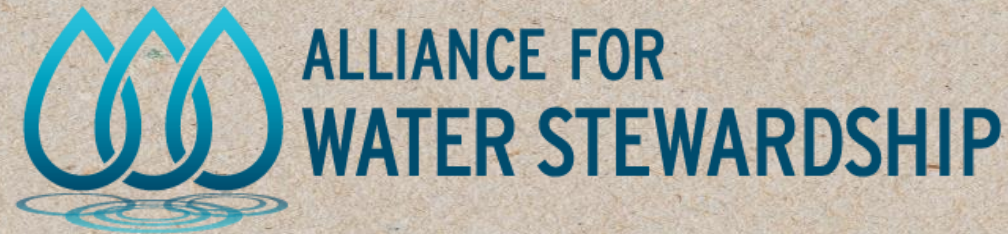
3 There have been **several flood incidents** that have had an impact on the site since it opened in 2007, **last flood incident was 2012**. However, flood defence works have been undertaken.





# 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)**



# 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 2021 our annual water use ratio target is 1.46 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.



Coca-Cola HBC  
Ireland & Northern Ireland

**For more information on our plan and policy please visit**

**[ie.coca-colahellenic.com/](https://ie.coca-colahellenic.com/)**







## WHO TO CONTACT FOR MORE INFORMATION:



**David Junk**  
Country QSE Manager



**Charles Osborne**  
Safety Environment &  
Loss Prevention  
Manager



**Gillian Shields**  
Packaging and  
Sustainability Manager



**Suzie Dundon**  
Sustainability &  
Community Executive

**OR VISIT OUR WEBSITE**  
**[ie.coca-colahellenic.com/](https://ie.coca-colahellenic.com/)**

