ArdaghGroup

2023

Sustainability report

We Make Packaging for Good

About our report

Welcome to our 2023 sustainability report covering the global operations of Ardagh Group, including Ardagh Metal Packaging (AMP) and Ardagh Glass Packaging (AGP) data and activities for the years 2021 and 2022. Information on our economic performance is published through annual financial reports, as well as quarterly interim financial reporting. A full sustainability report is published on a biennial basis and, on alternate years, a condensed update report. Financial and sustainability performance data and activities refer to the calendar year.

The approach to consolidation is operational control and this is consistent across all disclosures. All data presented in this report have been restated from the previous reporting period to include the acquisition of Consol Glass, Africa's leading glass producer, from April 2022.

This report affirms our commitment to the United Nations Global Compact (UNGC) and is a supplement to our Communication on Progress (COP) which will be completed in December 2023.

During 2022, Ardagh revisited its materiality assessment to incorporate organisational changes such as the acquisition of Consol Glass and to ensure our material topics were still relevant. A structured and comprehensive approach was applied in order to identify and prioritise the topics most relevant to the business and our stakeholders. Click here for more information on our material topics and management approaches

This report, published in November 2023, has been prepared in accordance with Global Reporting Initiative (GRI) Standards with more information signposted in our GRI Content index which is available on our website here.

Your questions and comments are always welcome.

Please email us: sustainability@ardaghgroup.com

A message from our executive leadership team

Ardagh is a global supplier of sustainable, infinitely recyclable metal and glass packaging for brand owners around the world. We operate 63 metal and glass production facilities in 16 countries, with a team of more than 20,000 people. Ardagh has a long heritage in making sustainable packaging. We are deeply embedded in our communities, with some of our production facilities established more than 100 years ago. We only use permanent materials; every metal or glass container we manufacture can be made into a new one, over and over again with minimal loss in quality. We're very proud of that.

We are committed to creating a better future—for our people and for our planet. This means doing business the right way. Our sustainability strategy, built upon the pillars of Emissions, Ecology and Social, initiates key actions to achieve our objectives through reducing our greenhouse gas emissions and our ecological impact, while supporting our people and communities.

This sustainability reporting period had a series of complex global challenges as a backdrop: economies emerging from a pandemic; global supply chains facing serious constraints; the impact of the Russian invasion of Ukraine; and the resulting energy crisis in Europe. All of these contributed to a challenging operational environment. Despite these challenges, we achieved meaningful progress, thanks to a combination of investments and the relentless dedication of our people. To every colleague who has contributed to our sustainability journey thus far, thank you!

Charting our progress

Significant strategic actions were taken in 2021 to position Ardagh for strong future growth. We completed the listing of AMP as a pure play beverage can manufacturer on the New York Stock Exchange (NYSE) under the ticker AMBP. In March, AMP issued its inaugural $2.8bn green bond to support sustainability objectives and underpin its role in the circular economy. In November, we agreed to acquire Consol Glass, Africa's leading glass packaging producer. Even during this heightened corporate activity, we were resolute in implementing our science-based emissions reduction and social sustainability strategies. EcoVadis, one of the most trusted and independent sustainability rating platforms, awarded Ardagh a gold rating while CDP (formerly the Carbon Disclosure Project) awarded us with Leadership Class ratings in 2021.

In 2022, our AMP and AGP operating businesses received approval from the Science Based Targets initiative (SBTi) for their respective near-term targets to reduce Scope 1, 2 and 3 greenhouse gas (GHG) emissions by 2030. This is in line with the Paris Climate Agreement of 2015, under which governments pledged to hold the increase in the global average temperature to well below 2°C above pre-industrial levels and pursue efforts to limit the temperature increase to 1.5°C above pre-industrial levels.

SCIENCE BASED TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

Our sustainability strategy additionally includes targets for renewable energy, water usage and waste management, and progress against these are tracked against a 2020 baseline year. We intend to achieve our sustainability targets through a wide range of initiatives. These include greater use of renewable energy, while implementing energy-efficiency projects across our production network; promoting the use of recycled content; sourcing sustainable inputs from our suppliers; and reducing VOC and NOx emissions. It was disappointing that, due to lack of funding, the original Furnace of the Future initiative, in association with FEVE, did not come to fruition. However, AGP opted to continue to pursue this initiative with its NextGen furnace project. NextGen will lead to a significant reduction in CO_2 emissions—by as much as 60%—and will enable the traditional gas-and-electricity mix to be inverted from being in favour of gas to electricity. Over time, this will facilitate the switch to renewable electricity as a fuel source, materially decarbonising the glass production process.

We saw progress in our renewable energy programme with the announcement of three on-site solar installations in the Netherlands. These will supply renewable electricity to Ardagh's Dongen (AGP), Moerdijk (AGP) and Oss (AMP) facilities as part of Ardagh's strategy to use 100% renewable electricity by 2030. The Netherlands is the first country in which we will supply all production facilities with on-site generated sustainable energy via large-scale solar energy installations.

PLATINUM Top 1% 2022 ecovadis Sustainability Rating
PLATINUM Top 1% 2023 ecovadis Sustainability Rating

In 2022 and 2023, Ardagh was awarded a platinum rating by EcoVadis. This rating is an elevation from our previous gold ranking. Following the NYSE listing of AMP, we applied to CDP for independent sustainability performance ratings, having achieved leadership class ratings for Ardagh the previous year. AMP was awarded a leadership rating for water management reflecting continued commitment to sustainable practices.

AMP joined key aluminium industry leaders to form the Mission Possible Partnership which sought alignment on investments to achieve the shared global stakeholder objective of net zero emissions by 2050. In addition, we were accepted as a member of the Aluminium Stewardship Initiative (ASI). The ASI is a multi-stakeholder initiative that promotes measurable and continual improvements in the key environment, social and governance impacts of aluminium production, use and recycling.

Towards the close of 2022, AGP-Europe achieved a number of important initiatives in relation to furnace technologies and water reduction. Our team in Poland completed upgrades to a furnace at Wyszków that will reduce the electricity requirement of the facility by more than 40%. In Sweden, our Limmared facility is collaborating with a leading spirits producer to significantly reduce CO_2.

Finally, in AGP-Europe our water reduction target is already in reach thanks to significant investments across several facilities. Read more about two notable projects here.

Our people, our communities – driving change together

Our people and communities are very much at the heart of our sustainability strategy. We aim to provide a safe and healthy workplace for our employees by embedding a culture of safety awareness. We apply international best practices to minimise accidents and injuries through detailed policies and procedures, continuous training and education.

We seek to create positive and collaborative work environments in which our people can thrive. Committed to promoting diversity, equity and inclusion (DE&I) in the workplace, we have established several DE&I councils across our regional operating businesses enabling us to progress this important initiative. We are committed to being an employer of choice where our people can reach their full potential. In 2022, we conducted our first global employee engagement survey, Culture Amp. It enabled us to listen to employee feedback, understand opportunities for improvement and drive meaningful, positive change.

As a provider of high quality employment to more than 20,000 colleagues, we recognise the importance of recruiting, developing and retaining a skilled team. We are a significant local employer, and we seek to play a positive role in our communities. This includes promoting educational linkages with the community, through internships and apprenticeships. Ardagh for Education, a programme aimed at supporting our local communities and investing in future generations through science, technology, engineering and mathematics (STEM) education, was launched in North America in 2021. It began with a 10-year, $50 million investment with Project Lead the Way (PLTW) to extend STEM education in schools in the communities in which we operate. In 2022, we extended Ardagh for Education to Europe with a 10-year, €5 million investment in partnership with Wissensfabrik in Germany. In August 2023, we announced a similar investment in Brazil. This exciting progress is just the beginning, as we intend to launch similar education initiatives in Africa and our other communities in Europe.

In addition to our investments in our teams and Ardagh for Education, we encourage and support our locations to identify at least one meaningful Community Involvement Project (CIP) each year – from green schools to charity runs, from digging wells to beach clean-ups – funded by our annual charity budget.

2023 and beyond

Across many of the jurisdictions in which we operate, regulators are keen to introduce legislation to advance low-carbon, circular economies. We believe that our products, made from permanent materials and therefore inherently sustainable and circular in nature, position Ardagh and our businesses strongly within the circular economy. We remain focused on progressing our sustainability roadmap, bringing our NextGen Furnace into production this year, making initial investments in hydrogen-based solutions, and executing further significant renewable energy projects in all our regions. Sustainability is at the heart of everything we do, and we are committed to being a sustainability leader in the packaging industry.

We expect to make good headway on our Ecology, Emissions and Social sustainability strategy in the remainder of this year and beyond. Through collaboration with our people, stakeholders and communities, we can continue to create social, economic and environmental value. We encourage you to review our report and welcome feedback.

Paul Coulson,
Chairman Ardagh Group

Oliver Graham,
CEO Ardagh Metal Packaging

Mike Dick,
CEO Ardagh Glass Packaging

Ardagh at a glance

Ardagh is a global supplier of sustainable, infinitely recyclable metal and glass packaging for brand owners around the world.

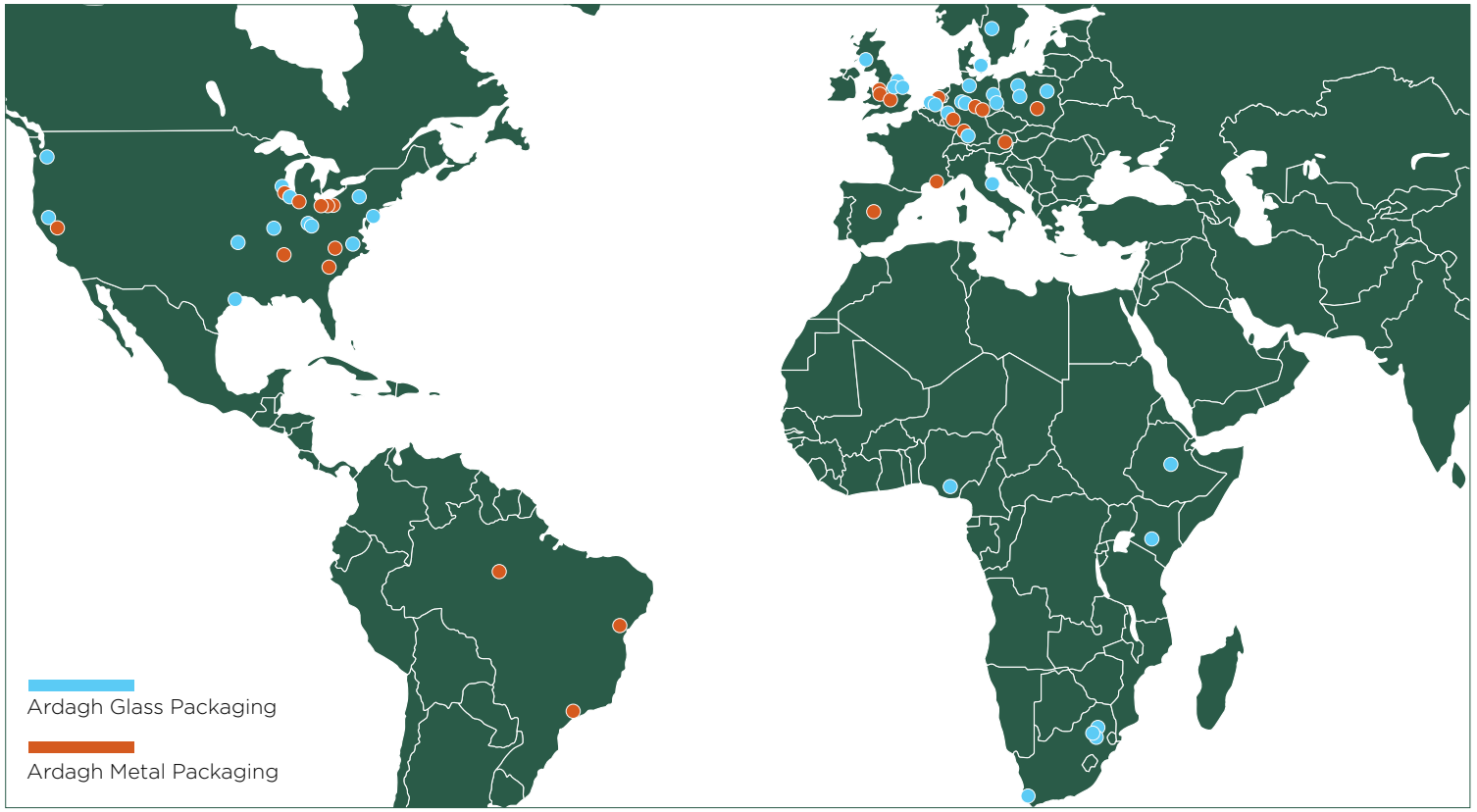
The consistent pursuit of market-leading innovation, quality and customer service, backed by investment in our people and processes, underpins everything we do.

We remain focused on continuous improvement in all aspects of our business to deliver long-term, sustainable success for our stakeholders.

Ardagh Metal Packaging (AMP), 76%-owned by Ardagh, is listed on the New York Stock Exchange (NYSE:AMBP). Ardagh also holds a 42% interest in Trivium Packaging, a leading supplier of sustainable metal packaging to the food, specialty and personal care markets.

In April 2022, Ardagh completed its acquisition of Consol Holdings Proprietary Limited, the leading producer of glass packaging on the African continent, with operations in South Africa, Ethiopia, Kenya and Nigeria.

To find out more about Ardagh click here.



$9bn+
global sales

63
production facilities

20,000+
employees globally

100%
recyclable materials

16
countries with Ardagh manufacturing facilities

Highlights

Emissions

Ardagh

17%
of renewable electricity target achieved

AMP

63%
progress to achieving VOC emission reduction goal

Ecology

AMP

80%
of 2025 zero waste to landfill goal achieved

AGP

29%
of 2030 water use reduction goal achieved

Social

Ardagh

91%
of locations delivering community involvement projects

Ardagh

$10.6 million+
invested in our communities in 2021 and 2022

Certifications

ASI CERTIFIED PERFORMANCE
Sedex
Corporate Responsibility Prime RATED BY ISS ESG
WE SUPPORT UN GLOBAL COMPACT
PLATINUM Top 1% 2023 ecovadis Sustainability Rating
CDP DISCLOSURE INSIGHT ACTION
energy ENERGY STAR

Our approach

As a signatory to UNGC, our sustainability strategy is linked to specific Sustainable Development Goals (SDGs). We have developed our sustainability strategy as a comprehensive and forward-thinking approach aimed at integrating environmental, social, and economic considerations into our operations and decision-making processes. This involves setting clear goals, implementing responsible practices, and promoting innovation to achieve a more sustainable and resilient future.

We organise our strategic initiatives such as material, energy, waste reduction, water management and charitable actions according to our three strategy pillars, all with clear links to the UN SDGs:

Emissions

reduce our greenhouse gas (GHG), nitrogen oxides (NOx) and volatile organic compound (VOC) emissions;

Ecology

minimise our impact on the environment;

Social

safe, diverse and inclusive team focused on customer satisfaction and supporting the communities in which we do business.

Recycling, Africa

STEM, North America

Bee Project, Germany

Sustainability strategy

Emissions & Ecology

Minimise our GHG emissions

- Approved SBTi Targets
- Transition to 100% renewable electricity
- Implement energy efficiency projects
- Increase recycled content
- Innovate in product design
- Source sustainably
- Partner on low carbon transport
- Minimise VOC & NOx emissions

Minimise our ecological impact

- Achieve excellence in water management
- Promote zero waste to landfill across all facilities
- Support increased recycling and use of recycled content
- Promote circularity narratives on use of infinitely recyclable material

Social

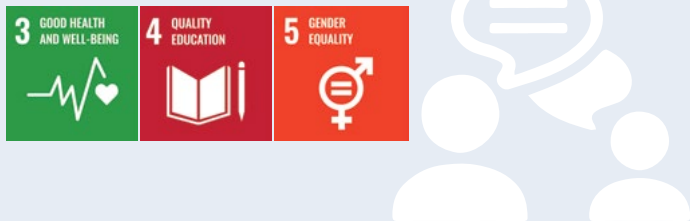
Our people & our communities

Our people

- Maintain a safe and healthy workplace
- Promote diversity, equity and inclusion (DE&I)
- Recognise our employees

Our communities

- Engage proactively with our local communities
- Accelerate our investment in Ardagh for Education



Sustainability Filter

Sustainability only has a sustainable impact if it is economically viable both long and short term

United Nations - Sustainable Development Goals

The UN SDGs are designed to address the world's most pressing social, economic, and environmental challenges and to guide global efforts toward sustainable development by 2030. The goals cover a wide range of areas, including: poverty eradication; quality education; gender equality; clean energy; responsible consumption and production; climate action; and sustainable cities and communities. The SDGs aim to promote a holistic approach to development, recognising the interdependence of economic, social, and environmental factors.

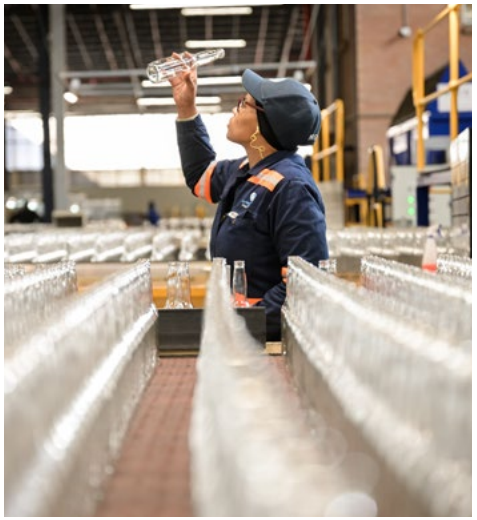
Each goal is accompanied by specific targets and indicators, providing a roadmap for progress and accountability. At Ardagh, we have chosen to align ourselves with specific SDGs to channel our efforts towards creating meaningful and impactful change. These SDGs guide us towards a more equitable, inclusive, and environmentally responsible future.

SUSTAINABLE DEVELOPMENT GOALS

2030 targets[1]

AMP and AGP have set ambitious sustainability targets as part of our commitment to creating a more sustainable future. These targets serve as clear benchmarks that guide our actions and measure our progress toward environmental and social goals.

We understand that sustainable practices are crucial for mitigating climate change, conserving resources, and promoting social well-being. By regularly tracking and reporting our progress, we can transparently communicate our efforts to stakeholders and hold ourselves accountable for achieving these targets.



AMP[2]

Renewable electricity	Absolute Scope 1 & 2 reduction	Absolute Scope 3 reduction	VOC emission intensity reduction	Zero waste to landfill	Water use intensity reduction
100% by 2030	**42%** by 2030[3]	**12.3%** by 2030[3]	**10%** by 2030	**100%** by 2025	**20%** by 2030

AGP[2]

Renewable electricity	Absolute Scope 1 & 2 reduction	Absolute Scope 3 reduction	NOx emission intensity reduction	Zero waste to landfill	Water use intensity reduction
100% by 2030	**42%** by 2030[3]	**12.3%** by 2030[3]	**23%** by 2030	**100%** by 2030[4]	**26%** by 2030

[1] 2020 base year. [2] Approved by the Board Sustainability Committee. [3] Approved by Science Based Targets initiative. [4] Zero waste to landfill excludes AGP-A. See disclosure document for further information.

Summary of progress
AMP

We are aligned with our stakeholders in our commitment to achieve net zero emissions by 2050 and have set aggressive targets for 2030 to assure long-term success.

The increase in absolute Scope 1, 2 & 3 GHG emissions can be linked to the increase in our metal beverage can capacity, which delivered shipment growth of 5% as of December 31, 2022 compared to 2021.

We reduced our Scope 1 & 2 GHG emissions on an intensity basis by 6.7% as of December 31, 2022, compared to 2020, and have identified levers to put us back on track to achieving our 2030 targets, including investing in energy saving projects, further transition to renewable electricity, increased recycled content and partnership on low-carbon transportation.

Metric	Target to 2030 unless otherwise stated	Status
Renewable electricity	**100%**	21% Progress to target
Absolute Scope 1 & 2 GHG emissions	**42% reduction**	6% increase from 2020
Absolute Scope 3 GHG emissions	**12.3% reduction**	9% increase from 2020
VOC emissions intensity[1]	**10% reduction**	62.8% Progress to target
Water usage intensity[1]	**20% reduction**	8.1% Progress to target
Zero waste to landfill by 2025[2]	**100%**	80% Progress to target

Emissions

Ecology

[1]Intensity metrics shown here include can body production facilities only as water and VOC emissions from can end production are insignificant. Our facility in Huron, Ohio commenced ends production in November 2021 and can body production in July 2022. As can body production at our Huron, Ohio production facility was only in operation for part of 2022, performance data from the Huron, Ohio production facility has not yet been included in these metrics. We plan to include performance data from the Huron, Ohio production facility in future reports. [2]Zero waste to landfill for operational waste streams where allowed by regulation.

Summary of progress
AGP

Our Scope 1 2 & 3 goals are measured in absolute terms rather than relative intensity, and, as a result, they have been adversely effected by both the acquisition of AGP-A in 2022 and the growth of our business.

Despite the aforementioned adverse impacts to our absolute emissions, we successfully utilised strategic investments and process enhancements to achieve a nearly 5% reduction in our Scope 1 & 2 GHG emissions per tonne of finished goods.

Going forward, we have identified key strategies to realign ourselves with our 2030 targets. These strategies consider investments in energy-saving projects including initiatives such as the NextGen hybrid furnace and hydrogen fuel. Additionally, we are committed to augmenting the utilisation of recycled raw materials and intensifying our transition towards renewable electricity sources.

Metric	Target to 2030 unless otherwise stated	Status
Renewable electricity	**100%**	16% Progress to target
Absolute Scope 1 & 2 GHG emissions	**42% reduction**	2% increase from 2020
Absolute Scope 3 GHG emissions	**12.3% reduction**	2% increase from 2020
NOx emissions intensity[1]	**23% reduction**	18.2% Progress to target
Water usage intensity	**26% reduction**	28.8% Progress to target
Zero waste to landfill by 2030[2]	**100%**	38% Progress to target

Emissions

Ecology

[1] NOx emission intensity excludes AGP-A for this reporting period to allow for an in-depth review of the indicator's baseline number and its impact on the overall NOx reduction target.
[2] Zero waste to landfill excludes AGP-A.

Emissions

In 2022 SBTi approved our metal and glass businesses' 2030 targets.

Our Emissions pillar is aligned to the SBTi and aims to minimise our GHG emissions. In 2022 the Science Based Targets initiative (SBTi) approved our metal and glass businesses' 2030 targets to reduce Scope 1 & 2 emissions by 42% and Scope 3 emissions by 12.3%. This aligns with the GHG protocol and the Paris Climate Agreement of 2015, under which governments mutually pledged to pursue efforts to limit the increase in global warming temperatures to 1.5 degrees Celsius.

SCIENCE BASED TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

We tackle our emissions by taking a holistic approach across our operations, energy and supply chains, working in close collaboration with our industry associations to increase recycled content and reduce direct emissions from our materials.

AMP has taken significant strides to minimise our emissions while executing on AMP's $1.8 billion business growth initiative programme involving the sustainable construction of new, infinitely recyclable metal packaging capacity across Europe, North America and South America. These facilities—such as our newest plant in Huron, Ohio—leveraged best practices focusing on zero waste to landfill, energy and water efficiencies and lower emissions. ***With these strategic investments, since 2020, we have reduced Scope 1 & 2 GHG emissions per 1000 units of finished goods by 6.7%[1], as of December 31, 2022.***

AMP made significant progress in the reduction of Volatile Organic Compounds (VOC) emissions. ***We achieved a 5.9% reduction in VOC emission intensity[1] in 2022, compared to a 2020 baseline, tracking ahead on our 2030 target.*** This result is due in part to our investments in efficient technologies and our partnerships with suppliers on lower VOC materials.

At AGP, our emissions pillar has focused on renewables projects—with major solar developments in our facilities in Scotland and the Netherlands —in addition to significant facilities upgrades resulting in greater energy efficiency. ***Our NextGen furnace is a potentially industry-transforming project reducing emissions by up to 60%.*** In 2022, we announced a partnership with a leading spirits producer in our Limmared facility where we intend to replace 20% of our natural gas with green hydrogen. This is estimated to effectively reduce the spirit producer's carbon footprint from this furnace by 20%.

Despite challenging regional markets and geopolitical disruption, ***we leveraged strategic investments and process improvement to reduce our Scope 1 & 2 GHG emissions per tonne of finished goods by nearly 5%, even though our absolute emissions increased during the same time.***

[1] Intensity metrics shown here include can body production facilities only. Our facility in Huron, Ohio commenced ends production in November 2021 and can body production in July 2022. As can body production at Huron, Ohio production facility was only in operation for part of 2022, performance data from the Huron, Ohio production facility has been omitted from these metrics. We plan to include performance data from the Huron, Ohio production facility in future reports.

Progress on emissions
AMP

Scope 1 & 2 GHG emissions[1]

2022 vs 2021 Results: **6% increase**

2030 target: 42%

Scope 3 GHG emissions[2]

2022 vs 2021 Results: **12% increase**

2030 target: 12.3%

VOC emissions intensity[3]

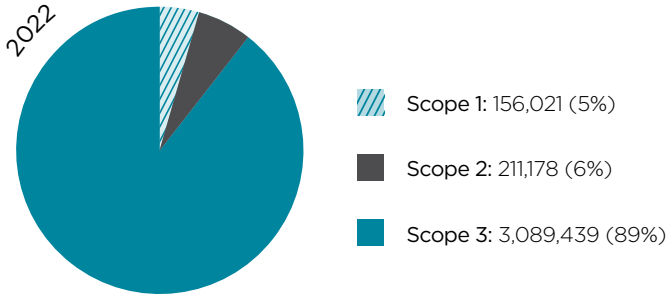
2022 vs 2021 Results: **5.9% decrease**

2030 target: 10%
Progress:

62.8%

Progress to target

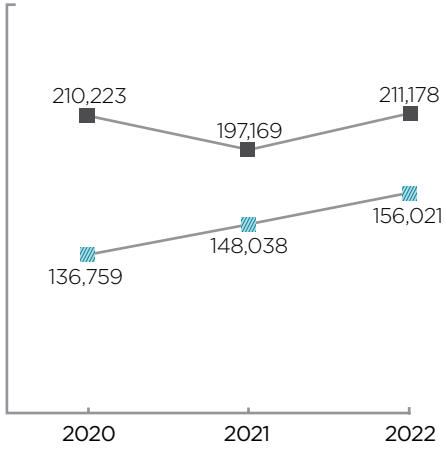
GHG emissions tCO_2e (Absolute)



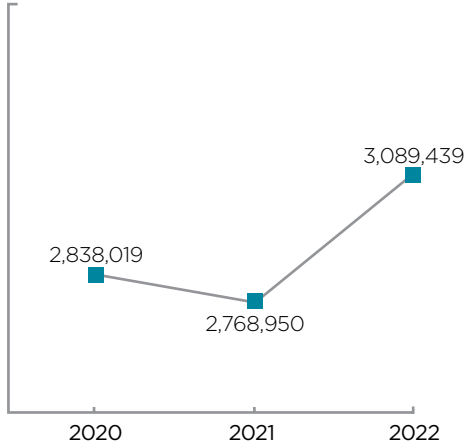
	Total GHG Emissions (tCO_2e)
2020	3,185,001
2021	3,114,157
2022	3,456,638

VOC emissions intensity[3]
(g/1000 units)

Scope 1 & 2 (tCO_2e)



Scope 3 (tCO_2e)



[1]Scope 1 – Direct emissions such as those from production and transport on site. Scope 2 - Indirect emissions from purchased electricity, and heat (e.g., hot water). [2]Scope 3 – Upstream emissions such as those from raw material sourcing, transport and production of associated (purchased) fuel and energy. Refer to page 10 for further details. [3]Intensity metrics shown here include can body production facilities only. Our facility in Huron, Ohio commenced ends production in November 2021 and can body production in July 2022. As can body production at Huron, Ohio production facility was only in operation for part of 2022, performance data from the Huron, Ohio production facility has not yet been included in these metrics. We plan to include performance data from the Huron, Ohio production facility in future reports.

Progress on emissions
AGP

Scope 1 & 2 GHG emissions[1]

2022 vs 2021 Results: **2% increase**

2030 target: 42%

Scope 3 GHG emissions[2]

2022 vs 2021 Results: **2% increase**

2030 target: 12.3%

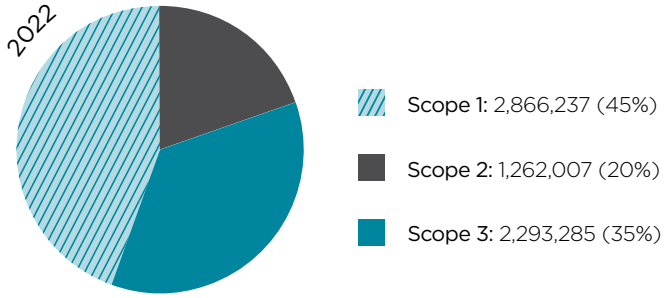
NOx emissions intensity[3]

2022 vs 2021 Results: **3% decrease**

2030 target: 23%
Progress:

Progress to target

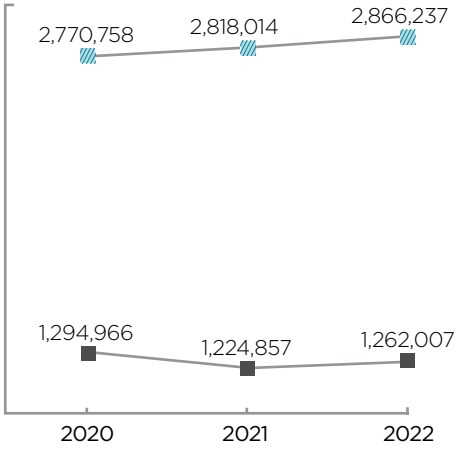
GHG emissions tCO_2e (Absolute)



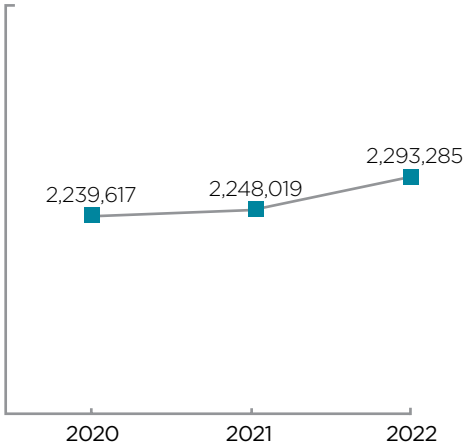
	Total GHG Emissions (tCO_2e)
2020	6,305,341
2021	6,290,890
2022	6,421,529

NOx emissions intensity
(kg/tonnes packed)

Scope 1 & 2 (tCO_2e)

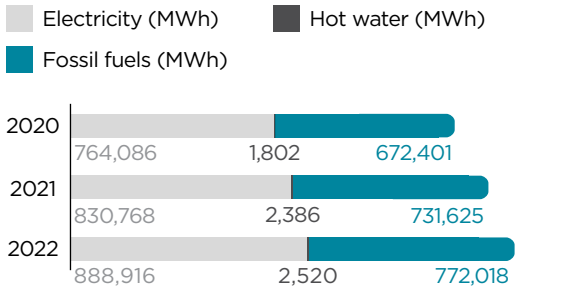


Scope 3 (tCO_2e)



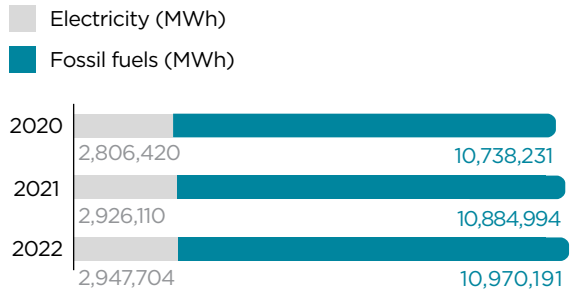
[1] Scope 1 – Direct emissions such as those from production and transport on site. Scope 2 - Indirect emissions from electricity use. [2]Scope 3 – Upstream emissions such as those from raw material sourcing, transport and waste. Refer to page 11 for further details. [3] NOx emission intensity excludes AGP-A for this reporting period to allow for an in-depth review of the indicator's baseline number and its impact on the overall NOx reduction target.

Energy consumption
AMP



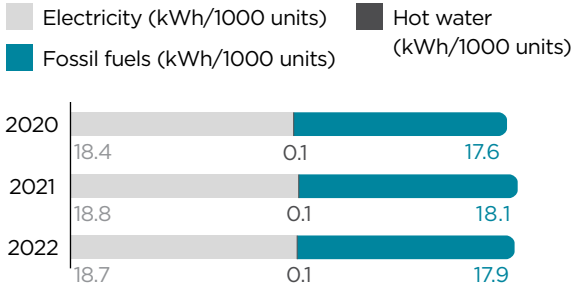
Year	Total energy (MWh)[1]
2020	1,438,289
2021	1,564,780
2022	1,663,454

Energy consumption
AGP



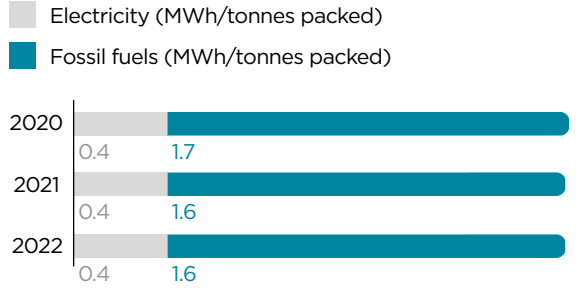
Year	Total energy (MWh)
2020	13,544,651
2021	13,811,104
2022	13,917,895

Energy intensity
AMP[1]



Year	Total energy (kWh/1000 units)
2020	35.9
2021	36.9
2022	36.7

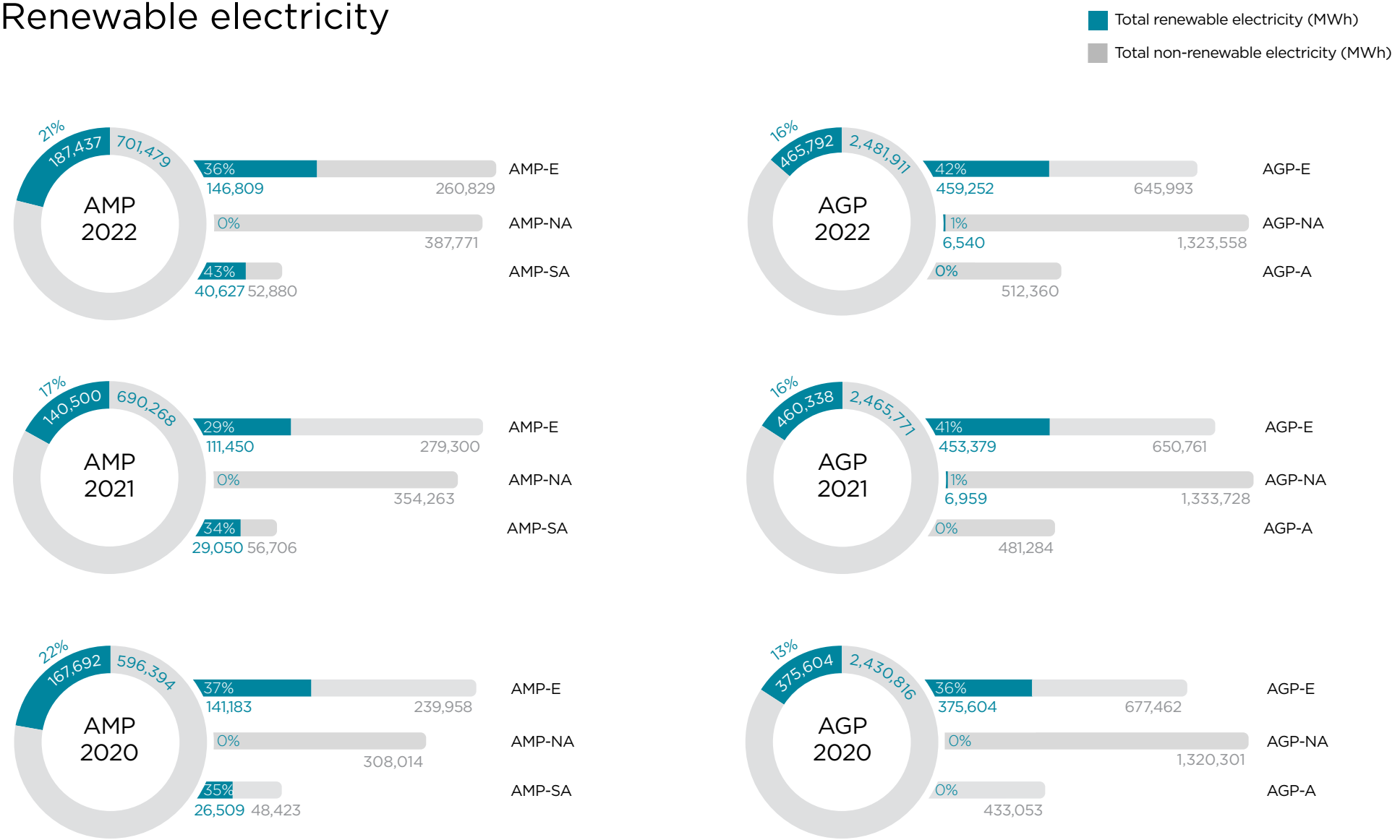
Energy intensity
AGP



Year	Total energy (MWh/tonnes packed)
2020	2.2
2021	2.1
2022	2.1

[1] Intensity metrics shown here include can body production facilities only. Our facility in Huron, Ohio commenced ends production in November 2021 and can body production in July 2022. As can body production at Huron, Ohio production facility was only in operation for part of 2022, performance data from the Huron, Ohio production facility has been omitted from these metrics. We plan to include performance data from the Huron, Ohio production facility in future reports.

Renewable electricity



Emissions and energy highlights from our global operations

Ardagh Dublin

New Irish planning laws simplified the permit application process for rooftop solar installations, enabling our Dublin office to commission a new 50kW per hour on-site rooftop solar installation. Energy generation and usage can now be monitored, and any excess electricity exported to Ireland's national electricity grid. The 180 photovoltaic solar panels will reduce electricity consumption from the grid by as much as 30% in peak summer months, with a total annual reduction of approximately 15%, saving the equivalent of nearly 12,000kg of CO_2 emissions annually.

15% reduction of electricity consumption from the grid annually.

Emissions and energy highlights from our global operations

17%
reduction in combined Scope 1 & 2 GHG emissions in 2022.
Hermsdorf, Germany

24%
reduction in combined Scope 1 & 2 GHG emissions in 2022.
Fairfield, California

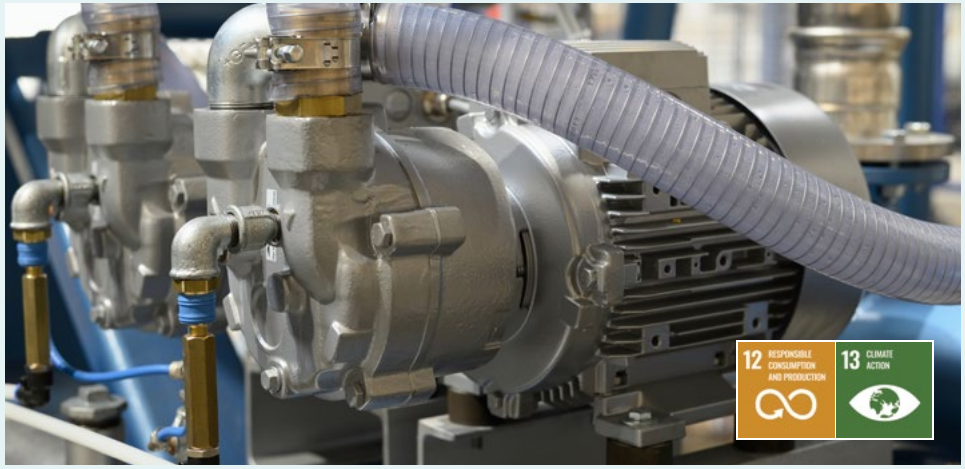
AMP-North America and Europe

Numerous AMP-Europe and North American facilities audited their production processes and equipment to identify opportunities for increasing energy efficiencies during the reporting period.

The data was used to initiate upgrades across such components as vacuum pumps and air compressors. This resulted in increased energy efficiencies and reduction of GHG emissions.

For example, through these investments at our Fairfield, California production facility alone, we've seen a 24% reduction in combined Scope 1 & 2 GHG emissions.

Similarly at our Hermsdorf, Germany production facility, we've seen a 17% reduction in combined Scope 1 & 2 GHG emissions in 2022 compared to a 2020 base year.



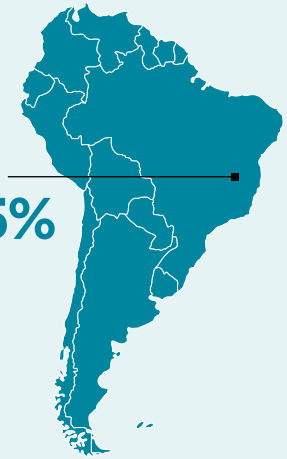
Emissions and energy highlights from our global operations

AMP-South America

In South America, the decarbonisation of forklift trucks has commenced with an initiative to replace all propane-powered forklifts with electric versions. This paves the way toward avoiding up to 5% of CO_2 emissions annually, equivalent to the natural CO_2-absorbing effect of more than 230 trees.

Safety concerns such as the risk of fire associated with propane tanks are also reduced. The full transition to electric forklifts in South America is expected to be completed by 2025.

Avoiding **up to 5%** of GHG emissions annually.



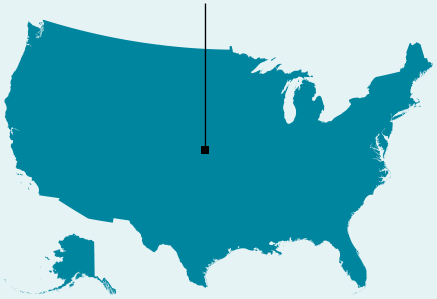
AMP-North America

LED lighting retrofit programmes across AMP-North America facilities have resulted in the avoidance of 13,100 metric tonnes of CO_2e annually.

There have been 1,752 light fixtures across AMP-North America changed to LED, saving an estimated 27,000MWh of electricity annually.

These retrofit programmes have an additional benefit of improving visibility within our operations.

Saving an estimated **27,000MWh** of electricity annually.



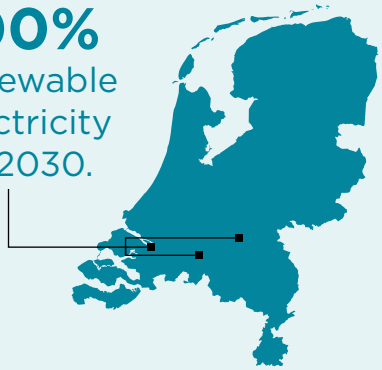
Emissions and energy highlights from our global operations

AGP-Europe Netherlands

Construction commenced on solar power plants at our three production facilities in the Netherlands. These solar installations will supply on-site generated renewable electricity to Ardagh's Dongen, Moerdijk and Oss facilities and are part of our strategy to use 100% renewable electricity by 2030.

The Netherlands is the first country where all Ardagh's facilities will be supplied with on-site generated sustainable energy via large-scale solar energy installations.

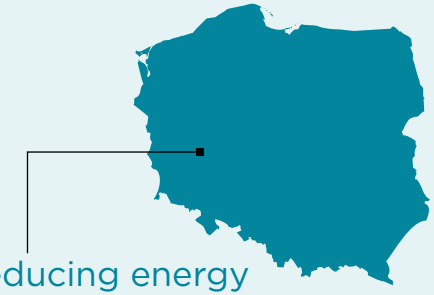
100% renewable electricity by 2030.



AGP-Europe Gostyn, Poland

A new heat recovery system to improve the efficiency of the batch pre-heater was installed at our production facility in Gostyn, Poland, reducing energy consumption by up to 15%.

The pre-heater recirculates waste heat from the melting process to heat a mix of raw materials and cullet to approximately 280°C prior to being fed into the furnace for melting. An emissions abatement system then treats both particulate matter and SOx.



reducing energy consumption by up to **15%** Gostyn, Poland

Our materials

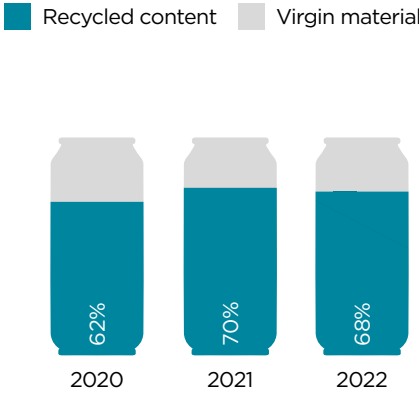
In support of our emissions targets, we aim to use less virgin raw materials, increase recycled content and light-weight our containers without sacrificing quality.

Unlike many other packaging materials, metal and glass are both infinitely recyclable, with very minimal loss in quality, making them a perfect example of a circular economy product. The use of recycled aluminium reduces energy consumption by over 90% compared with the alternative of producing aluminium cans from its virgin source[1].

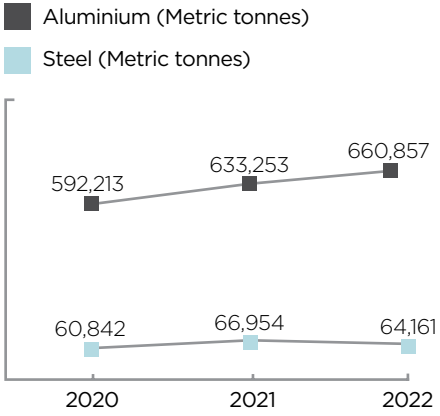
In glass packaging, we aim to maximise the use of recycled glass, or cullet, in our production process, thereby reducing energy consumption and emissions.

AMP

Recycled content of aluminium[2]

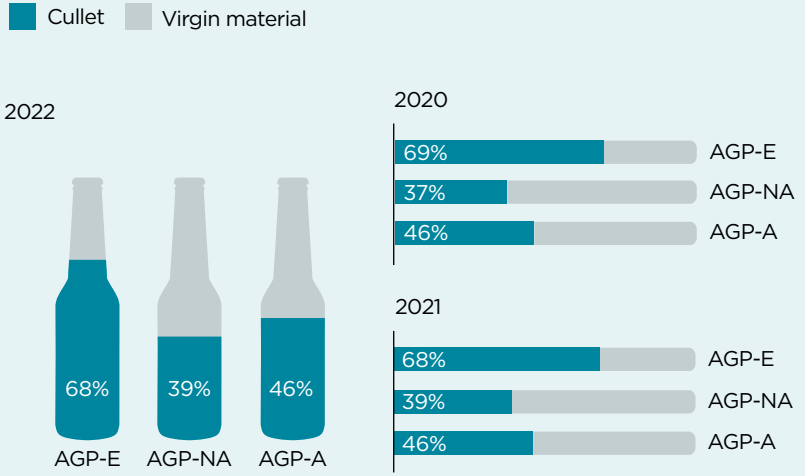


Materials

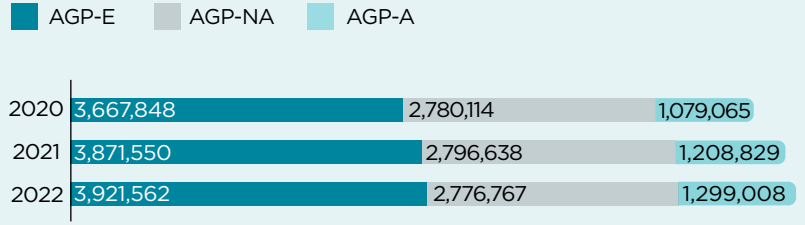


AGP

Cullet percentage of glass[3]



Production volume (tonnes melted)



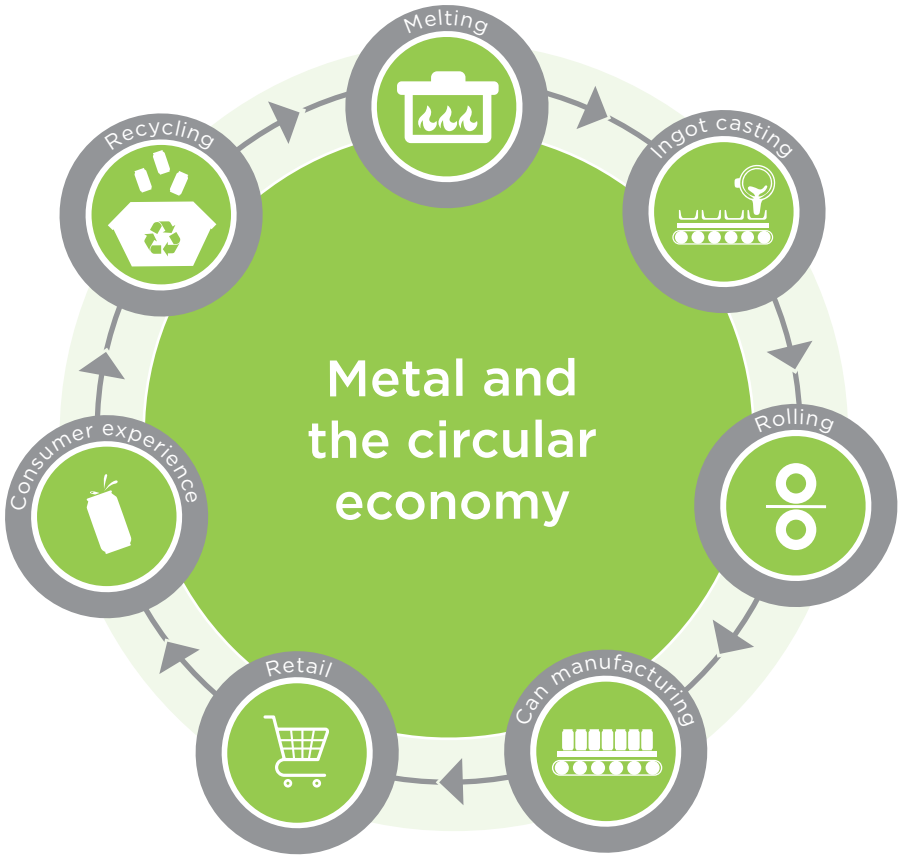
[1] International Aluminium Institute. [2] Recycled content is defined according to ISO 14021 as the proportion, by mass, of recycled material in a product or packaging. The percentages shown here include both can bodies and ends. Post-consumer (e.g., used beverage cans) and pre-consumer scrap (e.g., can manufacturer class scrap, other industrial scrap, etc.) are included in these calculations. Run-around scrap is not included. Primary data on recycled content comes from our aluminium suppliers. Where primary data is not available an estimation methodology has been created and validated by a third-party consultant. [3] Includes both internal and external cullet.

Collaborating for a circular economy

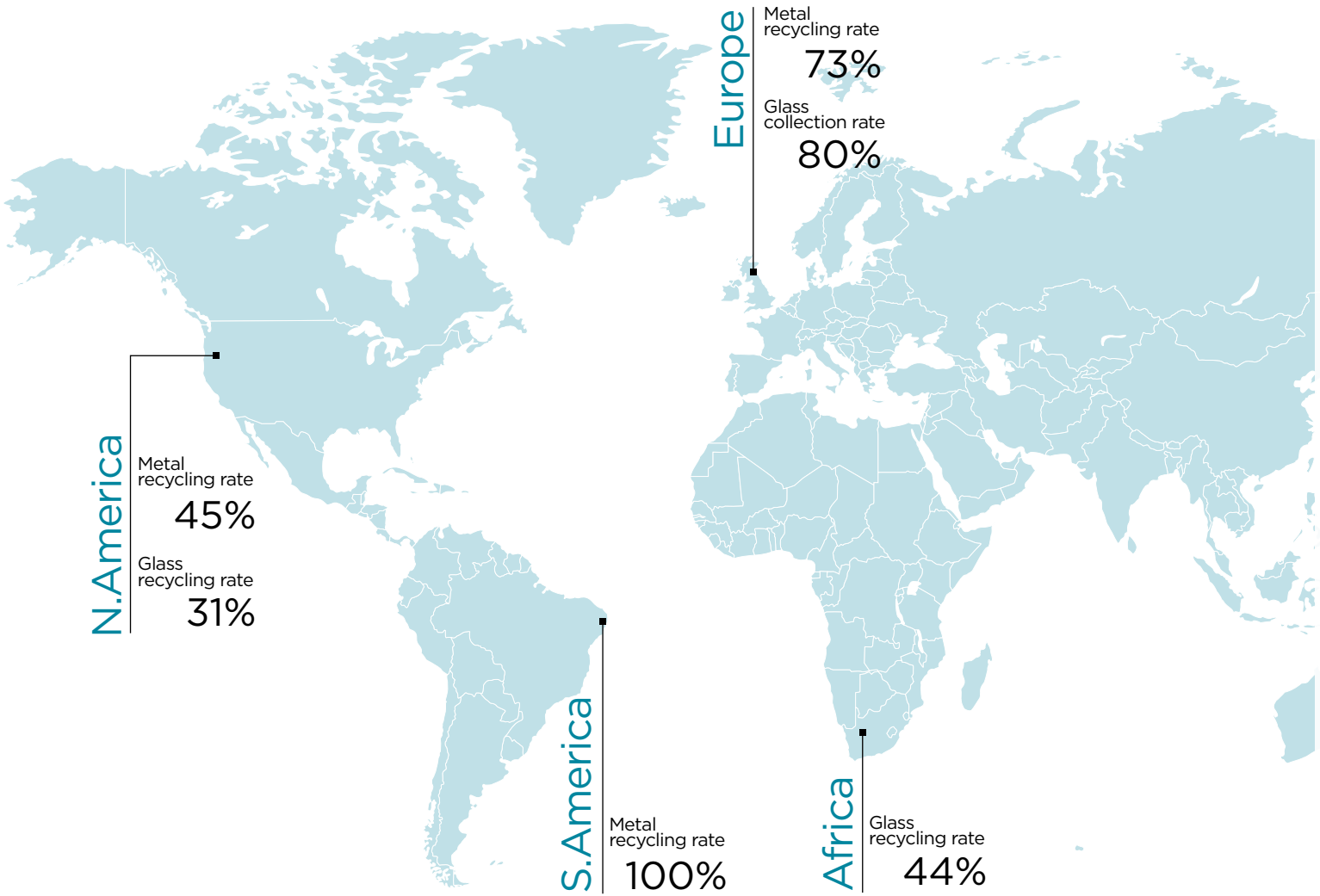
We work very closely with our trade associations to present a unified voice to address key issues and advocate for policies and practices that encourage recycling and environmental responsibility for metal and glass packaging. We have a multi-pronged strategy to improve glass and metal collection and recycling across our network to both increase recycled material volumes and improve quality.

For example, in Brazil, their national trade association Abralatas has communicated a 100% recycling rate. In Europe, FEVE - the European Container Glass Federation - has outlined their ambitions of achieving a 90% collection rate by 2030. In the U.S., the Glass Packaging Institute has outlined their intentions of achieving a 50% recycling rate by 2030.

Finally, The Glass Recycling Company in South Africa, the Producer Responsibility Organisation, is working towards a 54% glass beverage container recycling target by 2025. Best available data on regional recycling rates is regularly obtained through our Industry associations.



Recycling and collection rates



Sources[1]

North America:
Metal recycling rates
Can Manufacturers Institute

Glass recycling rates
The Glass Packaging Institute & EPA, 2018

Europe:
Metal recycling rates
Metal Packaging Europe

Glass collection rates
The European Container Glass Federation, 2021

South America:
Metal recycling rates
Abralatas

Africa:
Glass recycling rates
The Glass Recycling Company, 2018

[1]Please note that the methodology for calculating recycling or collection rates can vary per region. Please see the industry sources for calculations used.

"The Can Manufacturer's Institute's (CMI) environmental objectives are inspired by our members' commitment to sustainable and responsible world-class, circular manufacturing processes," said Robert Budway, CMI President. "AMP-North America's leadership has enabled our industry to create innovative sustainability solutions. One example is the 2022 Global Aluminium Can Sustainability Summit, an on-going coalition of aluminium sheet producers, can manufacturers, suppliers and customers committed to actualising a path toward net zero emissions by 2050 by exchanging best practices to increase recycling and formalising a global methodology to measure recycled content"

Robert Budway, President, CMI

"Ardagh plays a major role at sector level to raise awareness on the inherent sustainability assets of glass packaging towards industry customers, the end-consumer and policy makers. Ardagh support industry wide initiatives promoting the importance of choosing truly sustainable packaging options such as glass to build the EU's circular economy."

Fabrice Rivet, Director, Environment, Health and Safety, FEVE

Our partners for a circular economy

As members of numerous packaging industry associations worldwide, we take great pride in our active involvement in promoting the recycling of metal beverage cans and glass containers. Our collaborative efforts with these influential organisations allow us to lend our voice to a wide range of consumer recycling campaigns, underscoring our dedication to sustainability and responsible packaging practices.

"Ardagh is a leading member of GPI and proponent of projects like Don't Trash Glass ("DTG") where GPI worked with Diageo, Constellation and Glass King to create and expand commercial hospitality recycling in Chicago, Illinois and Phoenix, Arizona. DTG collects glass separately from bars, restaurants and hospitality venues to divert the glass from single-stream or landfill directly back into the glass supply chain. The Chicago programme is now on its way to 100 locations which will divert nearly 200 tonnes a month."

Scott DeFife, President of the GPI

"Our vision at Every Can Counts is to get 100% of drink cans recycled. It is through large-scale initiatives in partnership with our members, such as local days of education and recycling activations at AMP's production facilities across Europe, that we continue to see success in our mission to inspire, encourage and empower people to recycle their drink cans wherever they are. We are also, excited to announce Every Can Counts newest chapter launch in Brazil, with support from AMP."

David Van Heuverswyn, Director, Every Can Counts Europe

"Through support from industry partners such as Ardagh, we're proud to announce a 100% recycling rate in 2022, equal to 390.2 thousand tonnes of recycled aluminium, assured by an independent and external company. In addition, we published a best practice manual for waste pickers while providing waste management training to municipalities in 220 cities and rolled out Every Can Counts in Brazil."

Cátilo Candido, CEO, Abralatas

"Approximately 80% of all glass cullet collected is purchased by AGP-Africa to manufacture new glass packaging. Some key initiatives include educational drives at schools, providing vital infrastructure such as glass bottle banks across the nine provinces and providing support and opportunities for entrepreneurs in the glass recycling space."

Shabeer Jhetam, CEO of the Glass Recycling Company

Ecology

Ardagh facilities carefully track and report operational waste generation

Waste

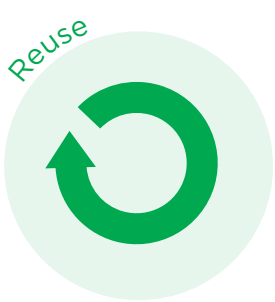
Our ecology pillar is anchored by our efforts to reduce waste and water consumption within our production facilities. In 2021, we published our long-term targets to reduce water usage on an intensity basis and achieve zero waste to landfill across our operations.

Around the world, too much waste is being sent to landfills. The negative impact this is having on our planet is clear. To do our part, we strive to follow the 'three 'Rs': Reduce and Reuse or Recycle.

- **Reduce** the amount of waste we generate and prevent such waste from going into landfills.
- **Reuse** or **Recycle** materials to achieve our zero waste to landfill targets.

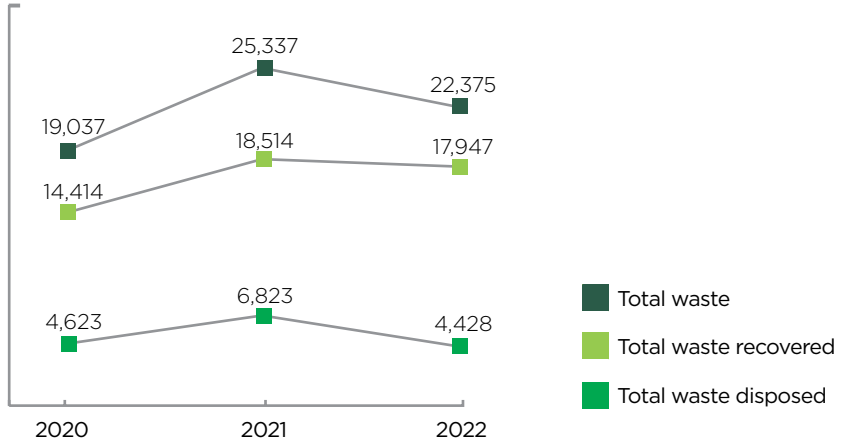
We apply controls and treatment technologies to mitigate the negative effects to human health and to minimise the environmental impacts of waste disposal. Ardagh facilities carefully track and report operational waste generation and how it is managed. In 2022, 80% of our AMP production facilities and 38% of our AGP production facilities maintained or achieved zero waste to landfill (ZWTL) status-on track to meet our 2025 and 2030 targets, respectively. This success can be attributed to the fact that ***100% of the facilities in AMP-Europe and AMP-South America and 65% of our AGP-Europe sites are now ZWTL.*** AGP-North America is also making steady progress across all sites. Ensuring that we meet our target requires partnership with our waste management providers, identification of new outlets for waste recycling and recovery, team member engagement and investments in equipment.

For example, we installed balers across our AMP production facilities in Chicago, Illinois; Fairfield, California; and our three Ohio locations in Fremont, Huron and Whitehouse to guarantee that cardboard continues to be recycled. These efforts extend beyond the achievement of our ZWTL goal. Increasing our recycling and recovery efforts also helps progress our Scope 3 GHG emission target.



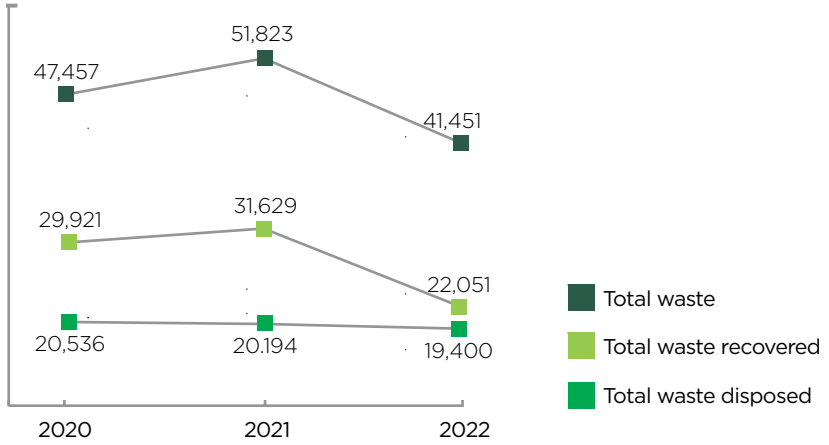
AMP[1]

Absolute operational waste (mt)



AGP[1]

Absolute operational waste (mt)



[1] See disclosure document for further information.

Water

Water conservation approach

Recognising water as a finite and essential resource, we are committed to reducing water usage across our operations. We measure and analyse our water consumption, wastewater discharge, and overall resource utilisation. By employing robust assessment methods, we gain valuable insights into our water footprint, identifying opportunities and implementing conservation measures.

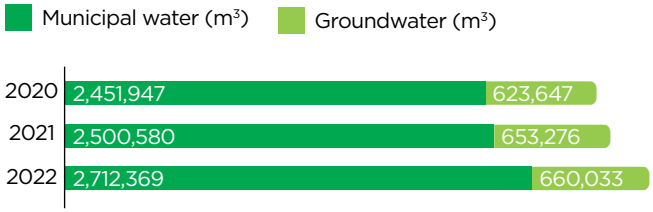
Water is used in AMP's manufacturing processes such as in rinsing and cooling of beverage cans and equipment. Water is also a key element in the manufacture of aluminium and the production of the various beverages made by our customers. While our AMP facilities require freshwater inputs most of this water returns to the water system.

Water is primarily used for various operational cooling purposes in AGP. We aim to preserve water by installing closed-loop cooling systems, or converting to air-cooled systems, where possible.

Learn more here.

AMP

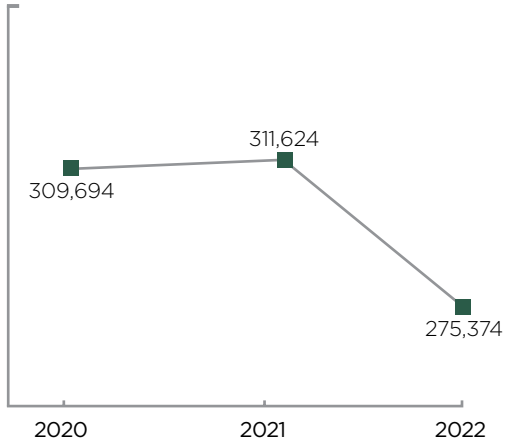
Total water withdrawal (m³)[1]



	2020	2021	2022
Total water withdrawal	3,075,594	3,153,856	3,372,401

Wastewater discharge (m³)

Total water consumption (m³)



Project highlights

Valdemorillo, Spain

In 2022, our **Valdemorillo, Spain** facility implemented an active counterflow system upgrade that optimises and controls washer overflow, significantly reducing our water usage.

Fairfield, California

A water-conserving xeriscaping - landscaping that reduces or eliminates water usage - project at our production facility in **Fairfield, California** replaced 50% of its lawn. The result is a saving of approximately 1.7 million gallons of water annually.

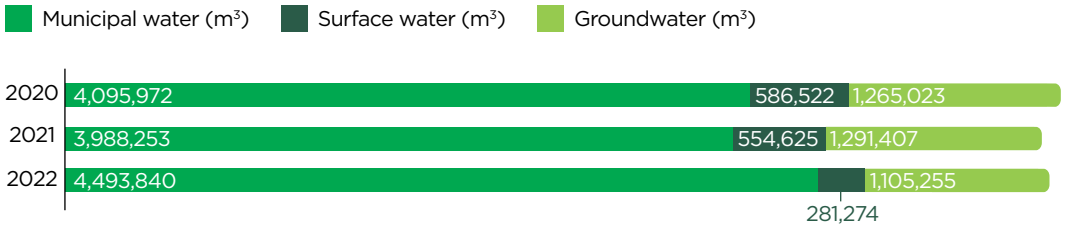
Alagoinhas, Brazil

Our **Alagoinhas, Brazil** facility utilises a Membrane Biological Reactor (MBR) which serves as an on-site wastewater treatment process. The MBR enables us to treat wastewater from the facility and discharge it safely under the parameters defined by Brazil's environmental agency. The MBR enables us to treat wastewater from the facility and, in some cases, reuse the water prior to discharging it safely under the parameters defined by Brazil's environmental agency.

[1]Please note surface water figure not applicable for AMP.

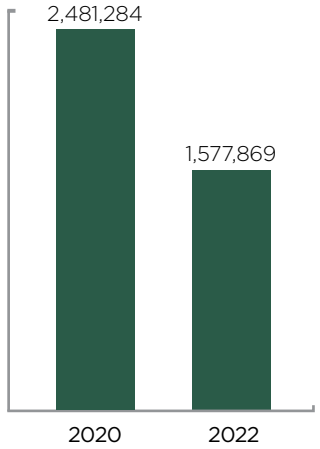
AGP

Total water withdrawal (m³)



	2020	2021	2022
Total water withdrawal	5,947,516	5,834,285	5,880,369

Total water consumption (m³)



Wastewater discharge (m³)

Project highlights

Limmared, Sweden
Our **Limmared facility** installed a two-step, closed loop air- and water-cooling system which reduced surface water consumption by ~60%.

Burlington, Wisconsin
In 2022, our **Burlington, Wisconsin** facility in North America implemented new on-site stormwater management systems, enabling effective independent management of stormwater runoff. This mitigates impacts of extreme rain events on the surrounding community, ensuring a safer and more resilient environment for all.

Seattle, Washington
Our **Seattle, Washington** facility in North America addressed the issue of stormwater contamination with new on-site stormwater treatment measures, including passive gravity-based systems and active chemical treatment methods. These enable the removal of sediment and harmful chemical substances from stormwater before it enters public waterways, maintaining a cleaner and healthier environment.

Social

Our people and our communities

> Our commitment to our Core Values of Trust, Teamwork and Excellence is unwavering

Employee engagement is a key focus at Ardagh. While our employment environment is constantly changing, our commitment to our Core Values of Trust, Teamwork and Excellence is unwavering. Our Core Values are the building blocks on which our commitment to our business and our respect for each other are built. We recognise that listening to our employees' feedback helps us to build upon and maintain a company and a culture that attracts, and more importantly, retains talented people. In partnership with ***Culture Amp, a market-leading employee experience platform used by more than 5,000 companies in 163 countries,*** we launched our first global employee engagement survey, achieving a high participation rate. Action plans were developed at regional operating business, facility and function level to respond to feedback and address areas for improvement. Our Core Values are also reflected in how we structure our reward packages for employees. We aim to offer base salaries that are fair internally and competitive externally and our bonus and incentive schemes focus on achievement of collective targets, supporting our Core Values of Teamwork and Excellence.

Learning for All – developing our talent

As our business grows and we continue to expand our operations, our people will be fundamental to our success. Training and education are integral to our strategic business planning.

We believe in a learning-for-all approach and therefore everyone at Ardagh has access to learning and development opportunities to:

- work safely and effectively
- meet the challenges and priorities of the business
- continuously develop their skills and knowledge in line with their future career aspirations
- benefit from a wide range of digital learning resources via our growing myLearning platform.

Building the skills for a global society

Since 2019, we have worked with GoFLUENT, an integrated language training solution, to provide digital language learning materials, one-to-one and live classroom-based language instruction.

myLearning
Learning at your fingertips

Applying our 'Learning for All' approach, we extended this language learning to all employees, integrating GoFLUENT content with our existing learning management system, myLearning. We now provide access to German, Dutch, French, Italian, Portuguese and Spanish lessons, in addition to our business language of English. This programme has enabled us to invest directly in the development of our people while supporting increased collaboration and teamwork across our global locations.

Deepening our operational expertise

Across AMP, we introduced a core technical training programme based upon the six key can-body production facility areas. We worked closely with our strategic learning partner in the U.S. to develop a full curriculum for new and existing operators across three levels—basic, intermediate and advanced. The content builds knowledge and skills through the blended programme of eLearning packages, knowledge checks, on-the-job training materials and standard operating procedures (SOPs). ***Over three hundred courses were developed with the direct input of subject-matter experts from our global teams; these are now being translated into all of our required languages.*** The success of this programme has prompted the development of additional programmes for our can-ends facilities.

Our people - diversity, equity and inclusion ("DE&I")

Driving Ardagh's growth and success is our talented team of employees. We believe in fostering environments where diverse ideas help us solve our most challenging problems. This is made possible by bringing people together from different ages, races and backgrounds. Our commitment to DE&I is not just the right thing to do, it is a business imperative. As we continue to evolve our sustainability strategy, fostering a more diverse and inclusive environment that protects safety and promotes new ideas is critical to our future success.

In the U.S., we established three Affinity groups, bringing together employees with similar backgrounds and identities, promoting stronger connections and collaboration, with the aim of increasing friendships and enhancing productivity within the workplace. In AMP-North America, we initiated monthly Diversity Awareness events, creating opportunities for dialogue and understanding on DE&I matters. In AMP-Europe, we launched a two-year "Respect in the Workplace" campaign, aiming to cultivate a culture of mutual respect and inclusivity.

The inspiring "Women in Glass" initiative, launched by AGP-Africa, focuses on empowering women in the workplace and supporting their career growth.

The success of "Women in Glass" in AGP-Africa was the catalyst for a like-minded Employee Resource Group in AGP-North America under their DE&I Council which launched in 2021. Diversity recruitment strategies piloted in AGP-Europe have been a significant step in promoting diversity within our talent pool.

Moving forward in 2023, we are poised to evolve our DE&I approach even further. Bringing together Regional Champions in a Global Community of Practice, we will review the impact of our pilot projects and share best practices to amplify our efforts. We aim to develop a comprehensive framework that will guide all operating businesses and regions in their DE&I plans, ensuring a cohesive and consistent global approach. Moreover, we will prioritise providing greater visibility of DE&I through regular reporting to group, regional, and country leadership teams, demonstrating our commitment to transparency and accountability.

Inclusive decision-making is crucial in our DE&I journey. As such, we intend to seek input from all stakeholders, including shareholders, customers, employees, and works councils. Their perspectives and insights will play a crucial role in shaping our future initiatives, policies and practices. Through these collective efforts, we are dedicated to creating a workplace that embraces diversity, fosters equity, and champions inclusivity, setting an inspiring example for others to follow.

Nurturing a global talent pool

In 2022 we increased our number of apprentices by 60% across our global operations compared to 2021. Depending on the area of expertise, apprenticeships can last anywhere between 18 months and four years and teach skills ranging from accounting to process engineering.

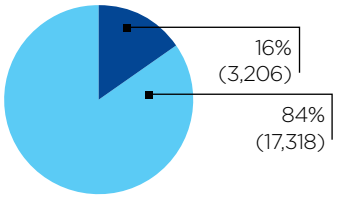
Employees

This employee data includes all Ardagh operating businesses and functions globally as of 31 December 2022.

Male Female

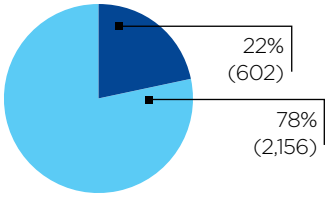
Ardagh

Employee headcount: 20,524



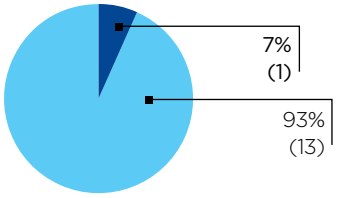
<30	30-50	>50
3,097	10,143	7,284

Manager headcount: 2,758



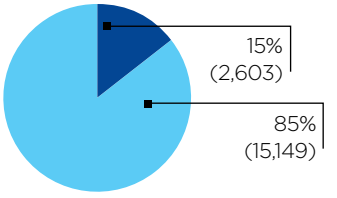
<30	30-50	>50
112	1,507	1,139

Board members: 14



<30	30-50	>50
0	0	14

Other employees: 17,752



<30	30-50	>50
2,985	8,636	6,131

Occupational Health and Safety

Our primary focus in 2022 was the launch and implementation of BSafe! 7, our programme for managing the most serious potential health and safety risks within our business, across all our production facilities.

BSafe! 7 covers issues such as traffic safety, machine intervention, and work permits.

In conjunction with the BSafe! 7 standards, there has been a significant focus on traffic surveys at all production facilities.

While there has been an overall reduction in total injuries in 2022, there was an increase in machine intervention, slips/trips and manual handling injuries.

AGP-Africa's integration included a particular focus on traffic safety and machine safety, as well as identifying best practices to share across the business.

	ARAR			Severity		
	2021	2022	Change	2021	2022	Change
Ardagh	1.59[1]	1.45	-9%	34.8[1]	36.9	+6%
AMP	1.20	1.10	-8%	23.3	27.7	+18%
AGP	1.73	1.58	-9%	38.9	40.5	+4%

Definitions

ARAR: # lost time and medically treated accidents per 100 full time employees per year.

Severity: # of lost time and restricted duty days per 100 full time employees per year.

[1] Adjusted from what was reported in 2022 short report to include AGP-Africa data.

Social highlights from our global operations

Global traffic safety management programme

In the past two years, we have worked hard to reduce the risk of incidents related to traffic movements at our production facilities. Building on the industry-standard 'self-assessment' approach for production facilities, ***we worked with independent consultants to develop an advanced and industry-leading method to assess our traffic management.*** As a result of this initiative, we made tangible improvements including retrofitting smart cameras and additional lighting on all wheel loaders in 20 facilities. Upcoming projects include tracking progress in the audited facilities (250 out of 800 identified actions are complete), assessing new facilities, and selecting and deploying appropriate technologies while providing training to our teams.

Connecting to our communities

With the launch of our refreshed sustainability strategy in 2020, we placed significant emphasis on recognising the pivotal role of our people and communities in driving long-term sustainable transformation.

Acknowledging the profound losses and challenges, both physical and psychological, resulting from the Covid-19 pandemic, we intensified our activities within the Social pillar of our strategy. We have committed to two key strands of action to engage with and contribute to our local communities:

1. In 2021, we made the first of our major commitments to invest in Science, Technology, Engineering and Math (STEM) education in the U.S., followed by further investment in Germany. You can find further details on these commitments by navigating to our STEM chapter.
2. We deepened our commitment to engage in at least one meaningful community involvement project (CIP) at every facility and office location annually. To drive meaningful engagement with these initiatives, in 2021, we established a network of dedicated Social Sustainability Ambassadors, co-ordinated by a dedicated Social Sustainability Manager. This network convenes regularly, sharing stories, inspirations and best practices.

In September 2022, we underlined our commitment to World Cleanup Day by extending the initiative through the entire month of September—a move that inspired numerous social actions. We saw an impressive 91% participation rate across all our locations, including our new colleagues in AGP-Africa, and marked our most substantial collective effort yet to collaborate with our local communities.

Our actions encompassed place-making and social initiatives ranging from creating and enhancing community spaces, to installing sculptures and improving playgrounds, to planting gardens and digging wells. Our outreach extended to diverse areas from baseball fields to food banks and involved concerted efforts to tackle litter across our communities. For a more comprehensive overview we invite you to watch our video highlights here.

We recognised important events such as Earth Day, International Women's Day and International Day of Education reinforcing our commitment to fostering inclusivity and access to quality education. By valuing our people and engaging with our communities, we strive to create a lasting positive impact and a more sustainable future for all.

Social highlights from our global operations

Cross cultural collaborations with AMP-South America

Indigenous communities' traditional knowledge and sustainable practices integrate well with our sustainability strategies. Our team in Manaus, Brazil partnered with the Ocean Conservancy for a clean-up in the Parque das Tribos near the Tarumã Açu River in September 2022. Twenty Ardagh volunteers worked with members of the indigenous community to collect over 1.5 tonnes of litter and waste which was diverted from landfill by our waste management company GRI.

Located in the Amazon rainforest, Parque das Tribos is home to the Sateré Mawé tribe, a unique and valuable partner that holds cultural significance and serves as stewards of the surrounding environment. The community's rivers and streams sustain both their way of life and diverse flora and fauna. The cleanup action aimed to preserve the community's cultural customs and sustainable practices.

Eliomar Cavalcante, the Social Sustainability Ambassador for Manaus

and a member of the Sateré Mawé tribe, highlighted the importance of such initiatives: "Without protecting the forest, their community cannot thrive and maintain its heritage. Indigenous communities, as the original inhabitants, have a duty to fight for their territories and showcase their strength. By engaging with these communities, we tap into their traditional knowledge and practices that have sustained their ecosystems for generations."

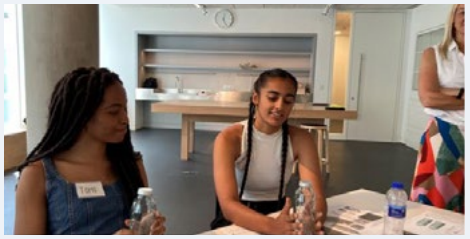
Designing for the future – Ardagh Young Creatives

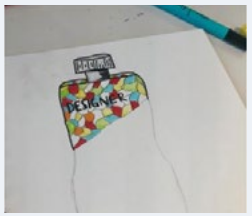
In 2022, nine young people completed the second year of Ardagh Young Creatives. This three month immersive programme at the London Design Museum engages young people from underrepresented backgrounds with the exciting potential of a career in design. Young people explored themes such as 'Care' and 'Progress' and connected with the Ardagh Design team to gain insights into design in manufacturing.

ARDAGH YOUNG CREATIVES

the DESIGN MUSEUM

ArdaghGroup





Social highlights from our global operations

Lighting up communities with AGP-Africa

In May 2022, AGP-Africa donated 10,000 Consol Solar Jars to learners in Thembisa in a continuation of ***Project Khanya, a corporate social investment (CSI) project launched in 2015 to bring free, rechargeable light to children who are struggling for resources to do their homework at night***.

Hand-made in South Africa, the Consol Solar Jars are a versatile, eco-friendly lighting solution with a long-lasting battery that allows light to shine for up to 12 hours on a single charge. Project Khanya also aims to raise awareness about the importance of conserving energy and protecting the environment.

Enhancing biodiversity at AMP and AGP-Europe

Within our Ecology pillar, we have intensified our endeavours to safeguard and raise awareness about biodiversity and the natural habitats surrounding our facilities. Since our comprehensive report in 2021, we have significantly expanded the number of sites where honeybees flourish. Our honeybee population has more than doubled across multiple locations, including Germany (Bad Münder, Drebkau, Neuenhagen, Nienburg, Obernkirchen and Wahlstedt), the Netherlands (Dongen) and the UK (Barnsley and Knottingley).

Honeybees serve as a remarkable catalyst for raising awareness about biodiversity concerns around pollinators, plant life, and fauna. During 2022, our Bad Münder facility welcomed more than 150 preschool children from the neighbouring area to visit our beehives. Such visits help to foster an understanding of the intricate interplay across diverse ecosystems and provoke interesting discussions. We plan to extend similar opportunities to other locations in the future. We maintain 33 hives across eight AGP facilities, managing an estimated population of anywhere between 990,000–1,650,000+ bees, depending on the season and hive conditions. Our AMP facility at La Ciotat, France sponsors local beehives, further supporting the well-being of bees in the region. The honey produced at these facilities has been channelled towards several commendable causes, with jars given as gifts to apprentices and local schools, sold at fundraisers benefiting local charitable organisations and donated to food banks. In addition to nurturing bees, our facilities are supporting native pollinators and their habitats by establishing wildflower meadows, constructing insect hotels and distributing plants and seeds to colleagues.

Social highlights from our global operations

Ardagh for Education

Within the Social pillar of our sustainability strategy, in 2021, we launched Ardagh for Education, a global initiative to give back in our local communities with a focus on science, technology, engineering, and math (STEM) education programmes in primary and secondary schools. This initiative will create a more diverse STEM pipeline, reach often overlooked populations, and create an inclusive environment in STEM education and careers

This initiative began in the U.S. in 2021 where we announced up to $50 million, 10-year commitment across our United States communities in partnership with Project Lead the Way (PLTW). It is expected that this partnership will benefit an estimated 500,000 PreK-12 students as well as deliver teacher training to more than 5,000 teachers across 2,000 schools in the U.S. communities in which we operate. ***In 2021 & 2022, we have granted nearly $10 million to over 400 elementary, middle, and high schools through PLTW, reaching more than 750 teachers and 85,000 students.***

Our local U.S. employees are also engaging with these districts and schools through this investment, building relationships with teachers and students, volunteering time in PLTW classrooms, and highlighting career opportunities in STEM and with Ardagh. This investment and these employee engagement opportunities will continue to scale in the years to come.

In late 2022, we announced our ***partnership with Wissensfabrik to launch Ardagh for Education in Germany.*** An initial group of more than 50 primary and secondary schools committed to partner with Ardagh to deliver the Wissensfabrik programme.

It is expected that this partnership will ***benefit an estimated 200,000 students*** as well as deliver teacher training to more than 1,000 teachers across more than 300 schools in the 13 communities in which Ardagh operates across Germany.

These investments in the U.S. and Germany, which align to Sustainable Development Goal 4 – Quality Education, are just the beginning.

90%
more aware of STEM career paths

47%
of participants are female

84%
indicate better problem-solving skills

70%
of participants are underserved

Governance

To achieve our ambitious sustainability targets, we have robust governance structures in place to oversee the implementation of our sustainability strategy. Our actions are guided by three pillars of our sustainability strategy: Emissions, Ecology & Social. The board of directors (Board) of each Ardagh and AMP has established respective sustainability committees (Sustainability Committees), with full oversight and decision-making capabilities, consisting of high-level executives in the organisation and non-executive directors, to ensure progress is achieved and delivered by our sustainability teams.

The members of the Sustainability Committees are appointed by the relevant Board. The AGSA Sustainability Committee is chaired by the AGP CEO, and the AMP Sustainability Committee is chaired by the AMP CEO. Both chairs sit on the Board of Ardagh Group SA (AGSA).

The meetings of the Sustainability Committees are also attended by all CEOs as well as the Corporate Development and Investor Relations Director, the Chief Risk Officer and the Chief Human Resources Officer. The Sustainability Committees objectives include:

- Assisting the relevant Board in fulfilling its oversight responsibility for the Company's environmental and social sustainability objectives, including climate-related objectives;
- Make recommendations to the relevant Board relating to environmental (including climate) and social sustainability matters; and
- Develop and oversee the implementation of the relevant sustainability strategy to deliver on clear Emissions, Ecology and Social objectives.

In 2022, five AGSA Sustainability Committee meetings and six AMP Sustainability Committee meetings were held, both with an attendance rate of 100%.

Each Board has adopted written charters for the relevant Sustainability Committees, available here for Ardagh Group and here for AMP.

Industry associations

ABRALATAS
ASSOCIAÇÃO BRASILEIRA DOS FABRICANTES DE LATAS DE ALUMÍNIO

FEVE
The European Container Glass Federation

Can Manufacturers Institute

every can counts

glass packaging institute

EUROPEN
The European Organization for Packaging and the Environment

Metal Packaging Europe

GLASS RECYCLING COALITION
MEMBER
glassrecycles.org

Appendices

- See our Code of Conduct
- GRI Content index
- Ardagh's disclosures on material topics

Disclaimer

This report contains forward-looking statements that are based on the current expectations and beliefs of AGSA. Forward-looking statements are not historical facts and are inherently subject to known and unknown risks and uncertainties, many of which are beyond our control. Statements in this report that could be deemed forward-looking statements include, but are not limited to, any statements related to our sustainability targets, goals, commitments, focus areas, programmes, impact, outcomes, results, savings or progress towards any of the same, as well as statements related to anticipated future operating performance and results of AGSA.

We caution you that the forward-looking statements presented in this report are not a guarantee of future events, and that actual events may differ materially from those made in or suggested by the forward-looking statements contained in this report. Certain factors that could cause actual events to differ materially from those discussed in any forward-looking statements include those set forth in the Risk Factors section and under any "Forward-Looking Statements" or similar heading in AGSA's Annual Report for the year ended December 31, 2022. In addition, new risk factors and uncertainties emerge from time to time, and it is not possible for us to predict all risk factors and uncertainties, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual events to differ materially from those contained in any forward-looking statements. Under no circumstances should the inclusion of such forward-looking statements in this report be regarded as a representation or warranty by us or any other person with respect to the achievement of results set out in such statements or that the underlying assumptions used will in fact be the case. You are cautioned not to place undue reliance on these forward-looking statements, and unless otherwise noted, AGSA is providing this information as of the date of this report and does not undertake any obligation to update any forward-looking statements contained in this report as a result of new information, future events or otherwise.

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