



# Ardagh Metal Packaging Sustainability Update Report 2022



## About our report

This 2022 Sustainability Update Report, covering data for calendar years 2020 to 2021, affirms our commitment to the United Nations Global Compact (UNGC) and serves as our Communication on Progress (COP).

This report provides an update to our 2021 Sustainability Report, which was completed following the latest Global Reporting Initiative (GRI) standards in accordance with the 'core' option.

Throughout our update you will find quick navigation links to bring you directly to certain sections in our report. We have also [+ sign](#) for readers to click on for additional information found on our website.

Your questions and comments are always welcome. Please email us: [sustainability@ardaghtgroup.com](mailto:sustainability@ardaghtgroup.com)



Previous reports are available on our website



# The answer for a circular economy

## Ardagh Metal Packaging accelerates sustainability strategies

Ardagh Metal Packaging (AMP) has the benefit of manufacturing a product increasingly recognized as the answer to strengthening consumer brand sustainability platforms: the infinitely recyclable beverage can. In fact, the beverage can is a perfect example of a circular economy, with recycled cans able to return to store shelves in their original form in about 60 days.

AMP is committed to building off these inherent environmental advantages to set new standards of sustainability excellence, serving as a positive business example for stakeholders and the communities we do business in. We clarified this commitment recently in our 2021 Sustainability Report detailing a new sustainability strategy organised across our three pillars of Emissions, Ecology and Social. The strategy

targets emissions, material, waste and water reductions while driving team diversity and inclusion.

To get there, we are investing in projects that deliver measurable advancements on our way, to reducing our greenhouse gas (GHG) emissions through our commitment to Science-Based Target Initiative (SBTi) and, in alignment with the UN and The Paris Agreement of 2015, net zero emissions by 2050. Through these project investments and strong partnerships with our customers and suppliers we are well on our way to realising the goals set in our strategy.

And, in terms of the Social pillar, anchored by a clear objective of improving our local communities, we announced last year a \$50 million multi-year grant programme to Project Lead the Way (PLTW) to deliver science, technology, engineering and mathematics (STEM) education to students from pre-kindergarten through high school (preK-12) in the 24 communities in which Ardagh has manufacturing and office locations in the U.S. We are now in the process of developing similar programmes in Europe and Brazil.

We are confident that our strategic investments will extend the favorable sustainability position of our company and the product we make.

In February 2021, AMP issued its inaugural [green bond +](#) valued at \$2.8 billion. This bond will enable us to maximise our positive impact by publicly committing our finance strategy to the achievement of our sustainability targets, as well as contributing to the United Nations (UN) Sustainable Development Goals (SDGs). And, as we engage stakeholders, we provide confidence in our reporting, which is conducted in alignment with the framework for Communication on Progress issued by the UN Global Compact.



For example, in 2021, the Carbon Disclosure Project (CDP) awarded Ardagh its Leadership Class ratings for sustainability performance - scoring Ardagh A- for climate change, A- for water management and an A for supplier engagement. Ardagh's consistently strong CDP climate change rating places us among the highest-rated companies in all industries that are scored by CDP. EcoVadis, another independent

sustainability rating platform, awarded its gold certification for sustainability results to Ardagh for the sixth straight year in 2021. More recently, in 2022 we were delighted to receive the [platinum award](#), a rating only accredited to 1% of those companies assessed by Ecovadis. And we are currently participating with the Task Force on Climate-related Financial Disclosures (TCFD) to further certify our risks, opportunities and delivered value due to sustainability investments.

We clearly have a very positive future ahead for our company and the product we make. And we look forward to keeping our stakeholders updated on our efforts to extend our business, social and environmental leadership.

### - Paul Coulson

Chairman  
Ardagh Metal Packaging

### - Oliver Graham

CEO  
Ardagh Metal Packaging

### - Jennifer Cumbee

Chief Sustainability Officer  
Ardagh Metal Packaging



## Our locations

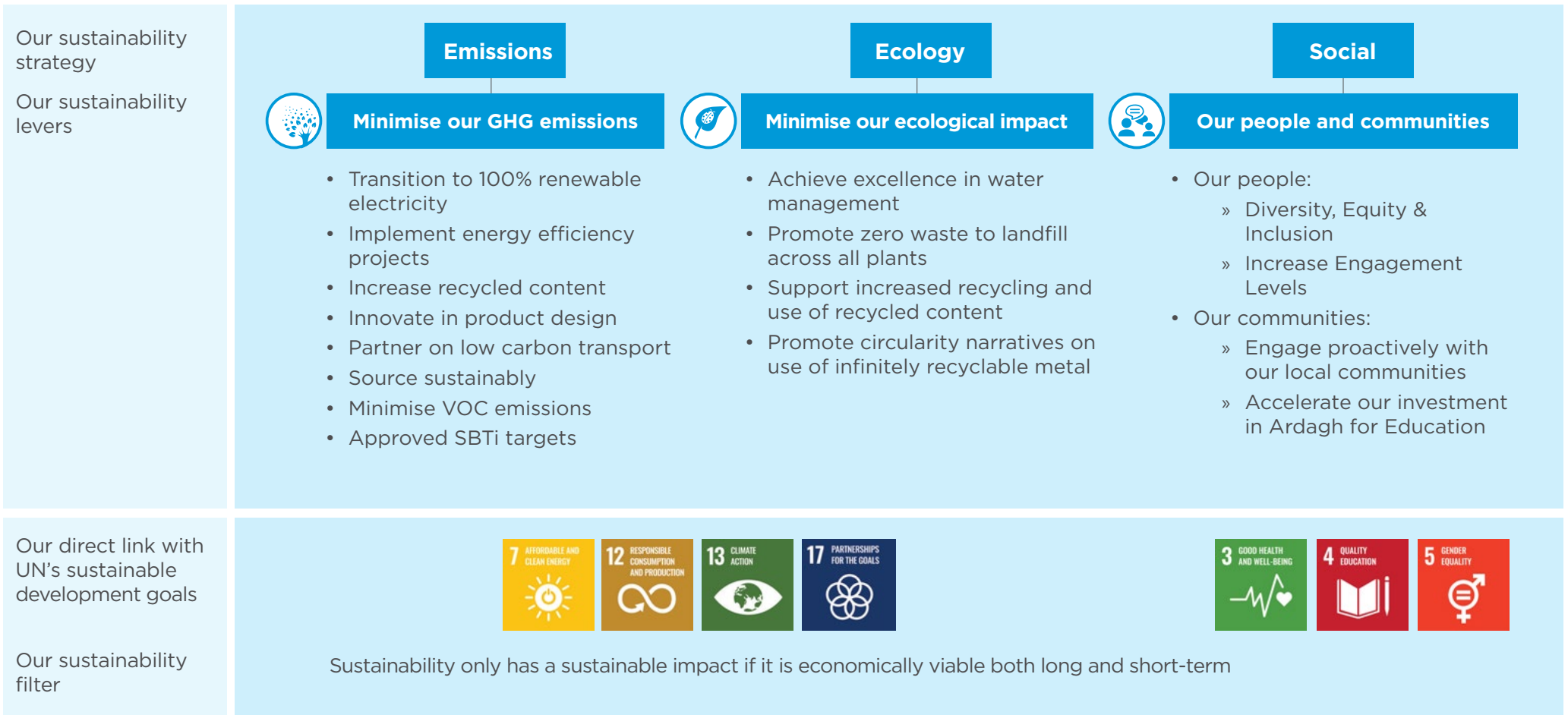


For more information about AMP click here



# Our Sustainability Strategy

At Ardagh, our sustainability actions are founded on the three pillars of our environmental and social sustainability strategy: minimise our GHG emissions; reduce our ecological impact; and support our people and our communities. This is underpinned by a firm belief that sustainability will drive profitable growth.







## Update on Progress

Our team is building upon the inherent environmental excellence of metal packaging to advance our commitment toward net zero emissions by 2050.

In 2021, we remained focused on strengthening our sustainability strategies with the setting of long-term targets from a 2020 base year to mark a clear path toward this milestone. We validated these targets and supporting actions with approval from the Science-Based Target initiative (SBTi) and are now presenting data addressing 2020 and 2021 results.

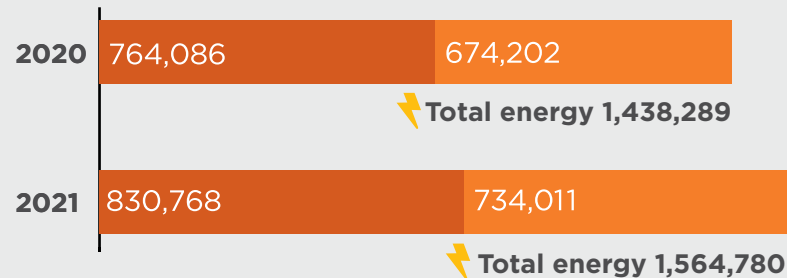
It should be noted that the increases in energy, water and waste values reflect higher production levels to meet demand. Our strategies continue to keep us on track in achieving our short and long-term sustainability objectives, further positioning Ardagh as a key contributor toward the shared stakeholder objective of net zero emissions.

### AMP Energy usage (MWh)

Electricity

Fossil fuel

Total energy

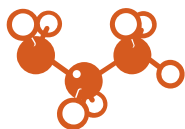


Electricity ↑ 9%

Fossil fuel ↑ 9%

Total energy ↑ 9%

### AMP cans VOC intensity (VOC g/1000 units)



0%



AMP's intensity reduction target for VOC emissions: 10% by 2030

### AMP GHG emissions [tCO<sub>2</sub>e]

*	2020	2021
Scope 1	136,759	148,038
Scope 2	210,223	194,493
Scope 3	2,838,019	2,768,950
<b>Total</b>	<b>3,185,001</b>	<b>3,107,987</b>

↑ 8%

↓ 7%

↓ 2%

↓ 2%



SBTi: Reduce absolute scope 1 and 2 GHG emissions by 42%. Reduce absolute scope 3 by 12.3% by 2030

\*Scope 1 - Direct emissions such as those from production and transport on site | Scope 2 - Indirect emissions from electricity use | Scope 3 - Upstream emissions such as those from raw material sourcing, transport and waste | \*\*Zero waste to landfill for operational waste streams where allowable by regulation.

AMP waste [t]

Non-recycled waste

Recycled waste



AMP is targeting zero waste to landfill by 2025\*\*

AMP cans water use intensity (L/1,000 units)

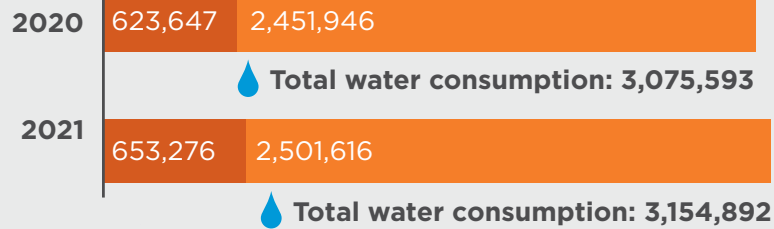


3%



AMP's intensity reduction target for water usage: 20% by 2030

AMP water usage (M<sup>3</sup>)



Ground water

Municipal water

Total water consumption: 3%





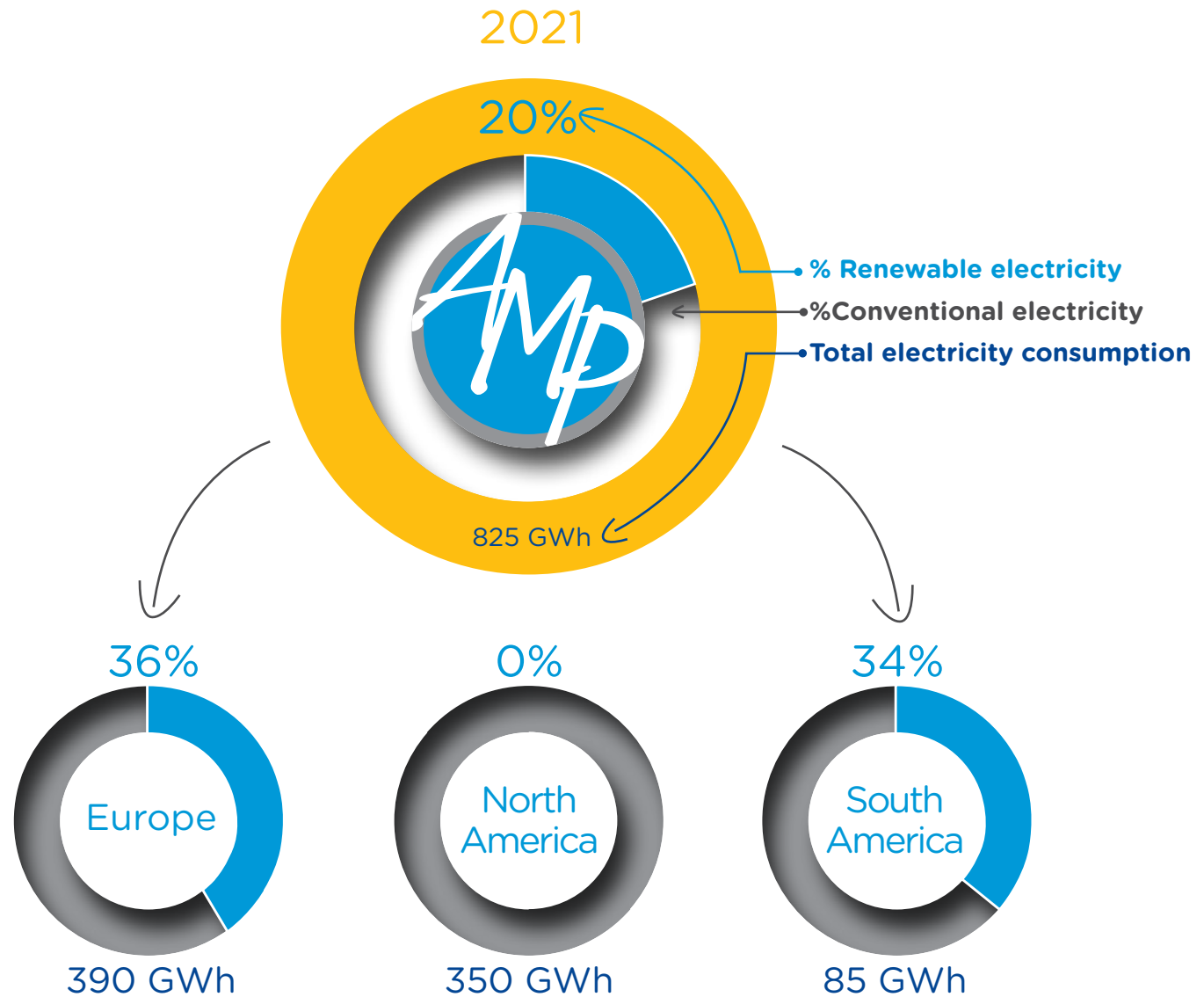
## Renewable electricity

In 2020, we launched Ardagh's Renewable Energy Programme to oversee our activities on renewable electricity. Our strategy for renewable electricity is built on a combination of on-site, near-site and off-site renewable electricity projects. In 2021, we embarked on multiple initiatives across Europe and North America.

- In Europe, we embarked on a process to develop an on-site solar project at our AMP facility in the Netherlands as part of a wider Ardagh Group programme.
- In North America and Europe, sourcing processes are in progress for virtual power purchase agreements covering up to 25% of our North American and European electricity demand.



AMP is targeting the use of 100% renewable electricity by 2030.





## Employee data

Driving our growth and success at Ardagh is our talented international workforce. As we continue to evolve our social sustainability strategy, fostering a more diverse and inclusive environment that protects safety and promotes new ideas will be a critical element of our future.

This employee data includes all Ardagh Group businesses and functions globally.



Age Group	<30	30-50	>50
Board	0	0	11
	0%	0%	100%
Senior Managers	0	62	81
	0%	43%	57%
Managers	13	277	165
	3%	61%	36%
Other employees	808	2,610	1,396
	17%	54%	29%

Gender	Total	Female	Male
Board	11	2	9
		18%	82%
Senior Managers	143	16	127
		11%	89%
Managers	455	101	354
		22%	78%
Other employees	4,814	618	4,196
		13%	87%





## Health and safety at Ardagh

Our primary focus in 2021 was to keep our employees safe and well during the pandemic. We are extremely grateful to all our employees who have worked under tight restrictions and are proud that Covid-19 infection rates remained consistently lower at Ardagh compared with the community infection rates in the regions where we operate.

As part of our ongoing commitment to provide a safe working environment for all of our employees, we have increased our focus on preventing low frequency but high severity incidents occurring at our sites with the introduction of the BSafe! 7 lifesaving rules to our existing Environmental, Health & Safety programme, BSafe!

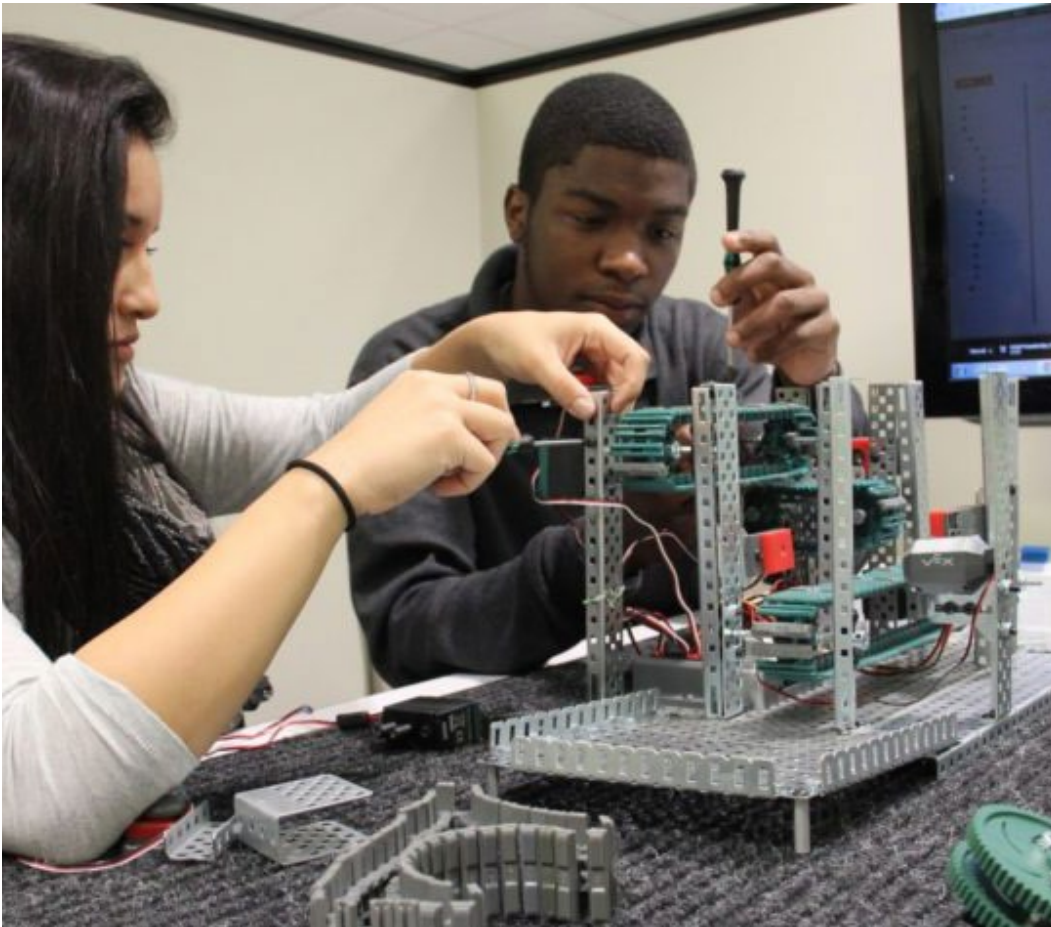
The BSafe! 7 are seven topics, tasks or work environments that pose an increased risk of a life changing injury or illness and include traffic, machine intervention and electrical safety amongst others. During the reporting period, these types of incidents decreased markedly, and we will continue to promote this new programme in the coming years.

The number of low severity incidents increased in 2021. We are working to rebalance this to ensure that people are protected and trained to prevent similar incident rates in the future.

**Metal facilities with no LTA: 38%**

Ardagh	2021
ARAR	1.20
LTA	0.37
Severity	22





This initiative started in the U.S. with Ardagh announcing a \$50 million, **10-year commitment across our 24 communities** in partnership with Project Lead The Way (PLTW).

# Social Sustainability

## Ardagh for Education

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 started in the U.S. with Ardagh announcing a \$50 million, 10-year commitment across our 24 communities in partnership with Project Lead The Way (PLTW). It is expected that this partnership will benefit more than 500,000 PreK-12 students as well as deliver high-quality teacher training to more than 5,000 teachers across 2,000 schools in Ardagh's U.S. communities. As of June 2022, Ardagh has granted nearly \$8 million to over 330 primary and secondary schools through PLTW which will reach an estimated 1,000 teachers and 150,000 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.

Our U.S. Ardagh for Education investments, which align to Sustainable Development Goal - 4 Quality Education, are just the beginning. We are in the process of expanding this education grant funding to Ardagh communities in Brazil, Africa and Europe, with partnerships with leading STEM education organisations in these regions to be finalised and implemented this year.

## Ambassador Network

In 2021, we established a Social Sustainability Ambassador Network. We believe that in order to build a truly impactful global strategy we need expert knowledge, connection and on-the-ground engagement with our local communities. Therefore, we formed a network of ambassadors at each Ardagh facility and office location. Their objective is to increase awareness with their local teams of Ardagh's Community Involvement Programmes. In 2021, our ambassadors helped us to organise projects such as races, food and water donation programmes, biodiversity initiatives and our World CleanUp week.





## Sustainability in action

### AMP - Europe

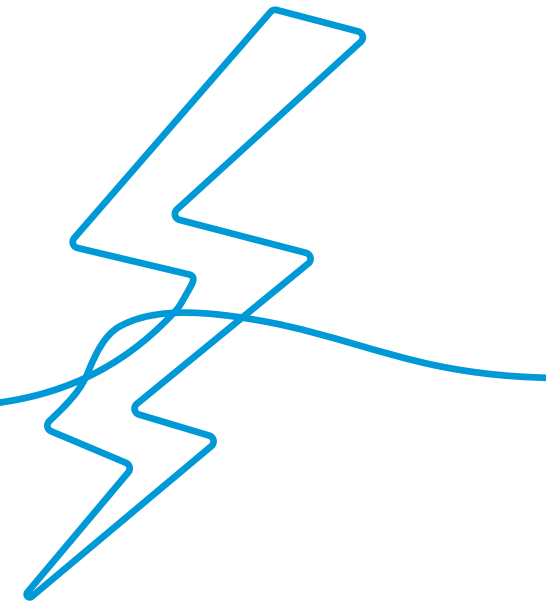
#### Innovating ideas to optimise cooling systems

Thanks to a team focus on continuous improvement and sustainability across our Hermsdorf facility in Germany, we have successfully achieved reductions in electricity usage and associated greenhouse gas emissions through the further optimisation of a new cooling system.

Circular cooling systems are used throughout our manufacturing processes to maintain proper temperatures and increase equipment efficiency.

In 2019, AMP - Europe replaced an aging cooling system with a state-of-the-art, energy efficient chiller. This replacement achieved approximately 410 MWh of electricity savings, equivalent to 85 tCO<sub>2</sub>e annually. Additional savings have been achieved through the innovation of our team members.

In 2021, a trial was completed by adding the decorators to the new cooling system for no extra cost, saving an additional 260 MWh of electricity, equivalent to 55 tCO<sub>2</sub>e annually. In total this project has achieved approximately 670 MWh savings of electricity and 140 tCO<sub>2</sub>e of associated GHG emissions.





## Sustainability in action

### AMP - North America

Internships inspiring new generation of canmakers

AMP - North America continues to extend its internship opportunities, building on employee connections to also include pro-active outreach through local colleges. One example is the efforts occurring in the Chicago area, bringing students on board at the Chicago office, Ardagh

Technical Center, and the Chicago production facility, where the team is recruiting from such schools as American University, Emerson College, The Ohio State University, University of Wisconsin-Whitewater and Winona State University.

The internship programme continues to enhance our team by welcoming interns across multiple locations, including, Fairfield, Olive Branch, Valparaiso and Whitehouse. Our interns gained hands-on work experience not easily obtained in the classroom, applying the lessons they learned at school to the real-world job market. Using Handshake, an online platform where companies post internship and job openings

for college students and graduates, along with traditional means such as LinkedIn and employee referrals, led to AMP - North America's most diverse group of summer interns to date.

The internship programme not only provides students with real-world experience for a few months but also is a source for AMP teammate recruiting for long-term careers. To date, the programme has yielded five full-time AMP - North America employees filling new and existing roles in our Communications, Finance and Human Resources functions.

Alex Ramos, Plant Engineering Intern, AMP Olive Branch, performs a quality check as part of his internship responsibilities



Will Lawson, Quality Intern (center), poses with AMP Winston-Salem Assistant Plant Managers Malcolm Edwards (left) and Jamie Yontz.







## *Sustainability in action*

### AMP - South America

#### Replacing propane forklifts with electric

In 2019, the AMP - South America team targeted the replacement of all propane forklifts (used primarily to move large pallets of stacked cans) with electric vehicles. They began with replacing the propane powered vehicles at the AMP Alagoinhas and Jacarei facilities with electric forklift trucks. By converting to electric, AMP South America facilities are paving the way for decarbonizing forklift vehicles, while reducing fire and safety hazards inherent with fuel tanks.

This move saves 4.3 tCO<sub>2</sub>e on an annual basis at the AMP Alagoinhas facility alone and 5.1 tCO<sub>2</sub>e at the AMP Jacarei facility. To put in perspective, this project equates to the actions accomplished by more than 230 trees absorbing 1 ton of carbon annually. The AMP South America team will complete the full transition to electric forklifts at all facilities by 2025.







+ For more information about AMP click here



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