Green Agenda
for sustainability 2026

How we help to **connect the world**
and **protect the planet**

ANDREW®
an Amphenol company

ANDREW® has a mission— and a responsibility

Wireless mobile networks keep our on-the-go world connected, allowing billions of people to conduct their digital lives indoors and outdoors.

But this freedom can come with a cost—wireless networks consume a great deal of energy and other resources, which has a direct impact on the health of our environment and our planet.

Trusted by MNOs worldwide, our solutions reflect an approach to innovation centered on designing **wireless infrastructure that is smaller, smarter, and more efficient.**

ANDREW at a glance

Your goals
are our goals

We build outdoor and indoor wireless connectivity solutions that support our MNO partners' sustainability goals through a holistic design and manufacturing approach that:

Reduces the need for finite resources like aluminum, copper, steel and other energy-intensive refined materials

Modifies packaging to **reduce the number of shipping containers** needed to move our solutions across the seas

Never stops innovating new ways to get **more RF performance for less energy** in every product

The combined result is a **complete portfolio of high-performance wireless network solutions** that can significantly **reduce CO_2 emissions** over their operational lifetimes—and we have the data to prove it.

We support the Sustainable Development Goals

*Like our parent company, Amphenol, our corporate sustainability goals are based on the United Nations Sustainable Development Goals (SDGs) framework.
We align with these principles across our operations.*

As of 2025, we have aligned our focus with **new targeted initiatives** to:

- Advance the use of renewable energy (Goal 7) including engaging top-spending suppliers to track and manage GHG (greenhouse gases) emissions (Goal 9)
- Reduce the weight of single-use plastics in our products and packaging (Goal 12)
- Reduce our Scope 1 and 2 emissions (Goal 13)

These actions reflect part of our **broader commitment to responsible and sustainable growth.**

To learn more, visit Amphenol's Sustainability Report.

The science of sustainability
by the numbers

It's an unfortunate truth that, for some, sustainability is more talk than action.

ANDREW's commitment to sustainable practices across our business requires more of us than noble words—it requires hard numbers.

In 2023, we introduced **our SVScore®, sustainability value score**, the **efficiency ranking** for select products **across four objective metrics on a scale of 1 to 10.**

Over time, we have expanded the portfolio of products carrying the SVScore®, adding HELIAX® accessories, coax, and fiber solutions.

EXAMPLES OF LABELS BY PRODUCT

SV Score 9.0
9.0 9.0 9.0 9.0
BASE STATION ANTENNA   RRZZVV-65B-R6N47V6

SV Score 8.3
7.0 8.0 10.0 8.0
HELIAX® ACCESSORIES   L6CLICK

SV Score 9.0
9.0 9.0 9.0 9.0
HELIAX® CONNECTIVITY   PART NUMBER

Radiation efficiency

Spatial efficiency

Materials use

Transportation efficiency

Product materials composition

Packaging materials composition

Product & packaging materials recyclability

Packaging efficiency

Product transmission efficiency

Product materials
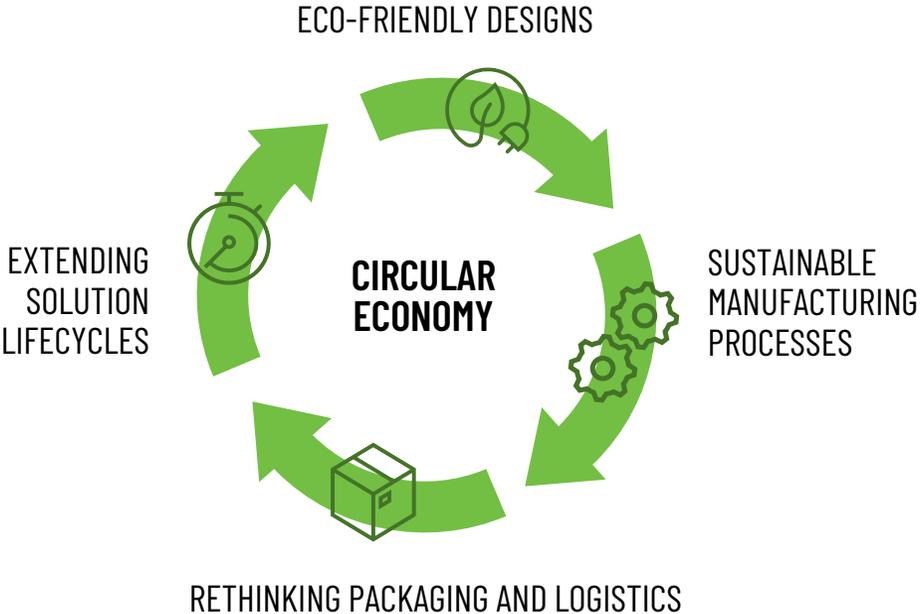
Packaging materials

Packaging efficiency

Real progress—real results

Our sustainability journey has come a long way in helping us understand how our business affects the environment, and how we can do things better to minimize our impact while still helping the world connect.

2024	2025	2026	2030
Lifecycle Assessment (LCA) Completed 1 LCA base station antenna and 1 LCA for filters product families.	**Recycled raw materials** Continued implementation of recycled raw materials.	**Science-based target (SBT) definition** Set new SBT objectives and defined the corresponding abatement strategy.	**Renewable energy** At least 50% of electricity used from renewable energy.
Recycled raw materials Launched project to increase the use of recycled raw materials in our products. Assessment of the current situation done and implementation ongoing.	**Renewable energy** Increased the use of electricity from renewable energy in our facilities.	**Recycled raw materials** Continue implementation of recycled raw materials.	**Supply chain involvement** Engage our top 30% Tier 1 Direct suppliers by spend to track GHG emissions reduction achievements.
	Packaging optimization Implemented packaging reduction initiatives leading to reduction of GHG emissions from raw materials and transportation.	**Greenhouse gas (GHG) emissions Scopes 1 and 2** Continue the reduction plan with priority on process gas and renewable energies.	**Single-use plastics (SUPs)** Reduce the weight of SUP by 10% compared to 2024.
Refurbishment service Launched new service on decommissioned base station antennas products to extend their lifespan.	**Refurbishment service** Extended refurbishment service to filters products.	**Lifecycle Assessment (LCA)** Realize LCAs for all product families.	**Greenhouse gas (GHG) emissions** Reduce absolute Scopes 1 and 2 GHG emissions by at least 10% compared to 2021 (will be superseded by SBT objectives).

Our **four pillars** to support the **circular economy**

The concept of the circular economy is a thoughtful approach to reducing waste and extending utility across the lifecycle of a product. It includes smarter sourcing of materials, more thoughtful processing, more efficient operation, longer operational lives and improved recyclability or repurposing of old products.

ECO-FRIENDLY DESIGNS

EXTENDING
SOLUTION
LIFECYCLES

**CIRCULAR
ECONOMY**

SUSTAINABLE
MANUFACTURING
PROCESSES

RETHINKING PACKAGING AND LOGISTICS

For ANDREW, supporting the circular economy rests on **four pillars** that **promote sustainability**, **performance** and **overall network efficiency** at the same time:

1. **Eco-friendly design** that reduces the use of CO_2 intensive refined minerals
2. **Sustainable operations in manufacturing** and across the supply chain
3. **Rethinking packaging and logistics** to reduce CO_2 emissions during transportation
4. **Extending the lifecycle** of our products to help MNOs defray high-impact upgrades

EXTENDING SOLUTION LIFECYCLES

Objective: Extend our solutions lifecycles to maintain the value of products and material as long as possible

Guiding principles:
- Optimize the end of life (EOL) treatment of our products
- Offer new services to our customers to extend the lifespan of their products: refurbishment service for old base station antennas and filters

ECO-FRIENDLY DESIGNS

Objective: Design eco-friendly products for more efficient networks through a smart use of resources

Guiding principles:
- Realization of Life Cycle Assessment (LCA) to understand how our products impact environment at all stages of their lifecycle: LCA factsheets
- Design optimization for weight reduction
- Use of eco-friendly materials: recycled and recyclable materials
- Development of new tools to help our customers assess the environmental impact of our products like our SVScore
- Design in compliance with regulations on product content: RoHS, REACH, Restricted Substance, etc.
- Support our customers' decarbonization journey in their network design and modernization by proposing energy efficient products that fit their needs, e.g. SEED antennas, ERA system, and more

ANDREW GREEN AGENDA FOR SUSTAINABILITY

RETHINKING PACKAGING AND LOGISTICS

Objective: Reduce distribution impacts by optimizing packaging and transportation

Guiding principles:
- Design packaging solutions that enable transportation efficiency by increasing the container loading rate
- Use packaging that eliminates or minimizes the use of single-use plastics and non-recyclable materials
- Remove paper documentation by implementing digital documentation

SUSTAINABLE MANUFACTURING PROCESSES

Objective: Reduce GHG emissions in our manufacturing plants and in our suppliers' facilities

Guiding principles:
- Reduce the energy used during manufacturing operations at suppliers' facilities and in our internal plants
- Transition to renewable energies
- Implement single-use plastics free requirement in our supply chain
- Certify manufacturing sites to the ISO 14001 standard

Eco-friendly designs **reduce CO$_2$ emissions**

Mining and refining minerals like copper and aluminum take a heavy toll on the environment. It's destructive to ecosystems and requires a great deal of energy to process. ANDREW makes it our priority to reduce the use of these materials as much as possible, while still providing exceptional performance. **With every ton of CO$_2$ equivalent (tCO$_2$e) prevented, we lighten our footprint on the environment.**

Digital DAS design cuts raw material use, boosting sustainability

The digital DAS architecture **eliminates analog radio heads, extensive copper cabling, and large RF infrastructure, reducing the raw materials needed** for manufacturing.

These design improvements cut the headend footprint by up to **95%** and power and cooling requirements by up to **55%**, supporting greater sustainability and lower operational emissions.

Product redesign reduces emissions and improves efficiency

For the Base Station Antenna product family, redesigning brackets and optimizing reflector thickness contribute to lowering raw material use and emissions.

These changes achieved a **9%** reduction in global antenna-level GHG emissions.

Redesigned tri band and dual band TMAs deliver lighter, more sustainable performance

The tri band and dual band TMAs were redesigned with simplified architecture and embedded PCB structures to reduce materials and environmental impact while maintaining full RF performance.

The tri band delivered **50%** lower GHG emissions in 2025, and the dual band achieved **28%** lower GHG emissions.

Together, the redesigns provided **lighter, more sustainable TMA solutions without compromising performance.**

Eco-friendly designs **deliver improved energy efficiency**

Beyond the environmental impact of sourcing raw materials, the ongoing energy use and CO_2 footprint created by years of operation in the field is a critical metric of sustainability.

ANDREW thinks outside the box to create a diverse and innovative suite of solutions to mitigate operational energy use—not only in how it's used, but also in how it's sourced and delivered.

Feeding cell sites **with renewable energy—even** off the grid

We offer a solution that integrates vertical **wind turbines** and **solar panels** to power macro cell sites.

- Renewable solution can provide up to 50% of a cell site's energy needs
- Prevents the release of 48 metric tons of CO_2 emissions yearly
- Reduces the need for gasoline-powered refueling of generators for remote cell sites
- Can fully power macro sites in optimal conditions

Reducing line losses **with smart power delivery**

Our **PowerShift® Macro** solution dynamically boosts DC voltage to remote radios for greater efficiency.

- Intelligent power management supports high-power remote radio units
- Requires less robust cabling to deliver efficient voltages
- Defrays or eliminates the need for cabling upgrades over time
- Reduces the need for additional backup battery strings and helps ensure maximum service life of older battery strings

Eco-friendly designs deliver improved energy efficiency

Slashing power use with super-efficient BSA technology

Our proprietary **SEED® (Sustainable Energy-Efficient Design) technology** is now available in select base station antennas.

- Advanced phase shifter technology boosts the antenna's radiated power relative to its input power

- SEED allows MNOs to provide the same coverage from a given site while consuming up to 25% less power

- Alternately, MNOs can provide up to 20% wider coverage from the site at its original power level

- Wider coverage can reduce the need for additional sites—and the environmental impact that comes with them

Covering indoor spaces and conserving energy use

The ERA® all-digital DAS platform brings powerful 5G coverage indoors thanks to its innovative design.

- Native O-RAN and CPRI interfaces remove the need for energy-intensive remote radio heads and associated RF processing, simplifying the network architecture and lowering power requirements

- A compact headend and use of standard IT cabling reduce physical infrastructure needs by up to 95% in space and up to 55% in cooling demand compared to traditional DAS deployments

- Second-generation ERA Access Points are engineered for efficiency, delivering up to 50% lower power consumption without compromising coverage or capacity

- Dynamic hibernation capabilities enable access points to automatically scale resource usage based on real-time traffic, supporting continuous energy optimization

Smoothing and scaling the evolutionary path of MIMO in wireless networks

ANDREW solutions give MNOs the freedom and flexibility to deploy in stages, reducing waste and costs.

- Our antennas support 4G and 5G networks with 4T4R/4T8R and FDD 8T8R, respectively—providing a clear and reliable migration path as needs change

- 8T8R provides sufficient capacity for all but the highest traffic environments

- 8T8R uses 30% less power than 32T32R, and 50% less power than 64T64R

Sustainable operations are part of
our manufacturing processes

Global manufacturers have a special responsibility to promote sustainability, not only in the products they make but also in the energy that powers the facilities bringing those products to market.

ANDREW is committed to advancing renewable energy across our operations, investing in innovative energy management solutions to support the communities where we operate and contribute to a more sustainable, connected world.

Renewable energy across global sites

In 2025, we continued to expand our investment in clean energy solutions to increase renewable energy usage and drive meaningful progress.

Across our global manufacturing facilities, **40% of the electricity used came from renewable energy.**

Lighting & cooling optimization in Suzhou, China

At our Suzhou, China facility, the transition to LED lighting **increased luminous efficacy by roughly 120%** and **cut power consumption by about 60%,** while maintaining brightness and system lifespan.
This upgrade **saved 110 tCO$_2$e in 2025**.

Also at our Suzhou facility, upgrades to the water-cooling AC system, including replacement of old parts with more efficient equipment, **improved energy efficiency and saved 41 tCO$_2$e in 2025**.
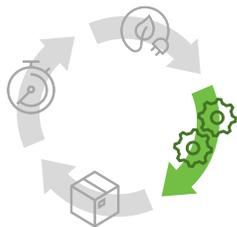
Sustainable operations are part of
our manufacturing processes

Global manufacturers have a special responsibility to promote sustainable practices, not only in the products they make, but through the way their facilities operate.

At our Goa, India site, we are advancing targeted energy and waste reduction projects that reinforce our commitment to the communities where we operate.

2025 energy conservation in Goa, India

We transitioned from manual heat shrink and cooling activities to a controlled and automated heat shrink system which eliminated unnecessary energy losses associated with manual operation. As a result, **annual electricity consumption for the heat shrink operation** was reduced, resulting in **8.5 tCO$_2$e saved.**

2025 waste reduction in Goa, India

To reduce plastic waste, our team introduced a controlled dust cap reuse process, allowing reuse of the caps in subsequent packing cycles. As a result, 9,950,245 **dust caps were reused annually**, achieving **3.3 tCO$_2$e saved.**

Our team also implemented an initiative to **reduce paper consumption and associated environmental impact** by transitioning toward digital document management. We eliminated printing and photocopying and streamlined documents through digital storage systems. As a result, we achieved an estimated savings of **1 tCO$_2$e.**

We also implemented a targeted initiative to **eliminate single-use plastic and improve handling efficiency in the FEED** (Front End Engineering Design) **trolley movement process** by introducing reusable polytube plastic covers, replacing the need for shrink-wrapping completely. This **saved 879 kg of plastic** and achieved **2.2 tCO$_2$e saved**.

With the implementation of reusable trolley covers, we also achieved a reduction of nearly **29.5 tCO$_2$e saved.**

Lastly, our team also implemented a focused plastic reuse initiative in epoxy glue dispensing operations by introducing a cleaning-and-reuse practice rather than a prior single-use method. This resulted in **10,800 piston barrels reused** and **0.3 tCO$_2$e saved.**
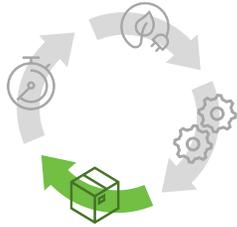
Rethinking packaging and logistics to reduce our carbon footprint

With 90% of the world's commercial trade being moved on about 90,000 cargo ships and countless more in large trucks, **ANDREW decided to move in a more sustainable direction.** It takes a thoughtful, holistic approach to squeeze efficiencies out of something as big as global trade, but we've taken some important steps that make each delivery of ANDREW products a bit more earth-friendly.

Optimizing our packaging

Our BSA product family benefited from design improvements that included reducing packaging size, streamlining materials, and optimizing packaging.

These changes **lowered GHG emissions by 12%** and **saved 27 tCO$_2$e** from raw materials across the top 20 BSA products.

We also achieved a reduction of transportation-related emissions by **19 tCO$_2$e for every 1,000 km traveled.**

## Reduction in material use to improve efficiency

Part of our PIM-GUARD® portfolio, the PIM fighter series polymer cable management kits have replaced printed instruction sheets with a QR code on the main clamp kit bag.

This change **eliminated paper** use and **reduced CO$_2$ emissions by 162 kg.**

Replacing materials for efficient redesign

Our HELIAX® fiber team eliminated mesh socks and sleeves for fiber jumpers, removing the need for these materials.

This change reduced **raw material usage**, saving 6.5 tCO$_2$e emissions.
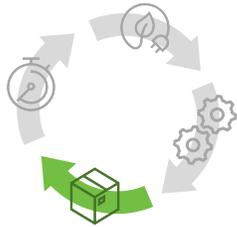
Rethinking packaging and logistics to reduce our carbon footprint

Packing smarter and traveling lighter

BSA RF filter packaging was redesigned to **reduce package size** and **adjust cable orientation** for better bending and space efficiency.

These improvements lowered transportation-related emissions, resulting in a **savings of 22 tCO$_2$e.**

Legacy filter products were updated with **reduced packaging size**, **improving loading efficiency** and **lowering emissions from shipment.**

The 2025 design **reduced emissions from raw materials by 48%**, and with optimized container loading, the **total CO$_2$ savings** reached **1.5 t** for every 1,500 units shipped.

Our Goa facility implemented a packaging optimization initiative aimed at **reducing plastic material usage in antenna kit packaging.**

They introduced an optimized polytube sized tailored to the actual product requirement rather than a standard size. This reduced plastic usage **saved 780 kg of CO$_2$.**

Also in Goa, our teams introduced a **wood reuse practice to avoid unnecessary procurement of new wood packaging materials.**

As a result, this **saved 576 pallets** and **reduced CO$_2$ emissions by 1.2 t.**
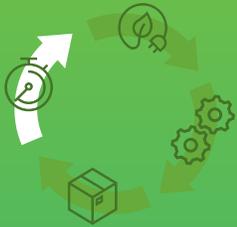
Extending product lifecycles to **reduce our impact**

When our products perform better for longer, it keeps those materials working hard on towers instead of occupying landfill space.

Our MNO partners also understand the combined economic and environmental benefits of building a network that can age and evolve gracefully, preventing expensive and wasteful replacement as long as possible—and that's why **ANDREW builds with the future in mind.**
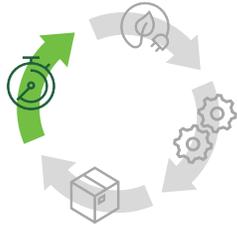
Extending useful material use through recycling

Giving MNOs the tools they need to evolve more responsible networks

We build solutions that empower scalability and evolution in wireless networks to reduce waste.

- Our combined active/passive MOSAIC® antenna helps MNOs to add RAN technologies without replacing passive components
- Our modular CMC equipment enclosures offer flexible thermal management and backup battery configurations

Building for the long term, whatever the application—and whatever the weather

ANDREW solutions offer superior reliability for longer, more flexible service life with less need for maintenance.

- Our trusted HELIAX solutions come with 10-year warranties and are commonly in service for twice that long—or even longer

Repurposing and refreshing technology to keep it out of the landfill longer

We work with third parties to extend the life of legacy equipment and even refurbish our own.

- In 2024, ANDREW became the first OEM to join the GSMA Equipment Marketplace, giving MNOs a reliable source of quality legacy equipment
- We now enable our European customers to reuse decommissioned BSAs and filters
- Our UK Services Team has refurbished more than 200 site cabins to like-new condition, using a fraction of the resources required to replace them with new equipment

Extending useful material use through recycling

Protecting the antenna—and the environment

ANDREW proves that it's possible to build a more effective product that is also more recyclable.

- Our next-gen glass fiber reinforced polypropylene (GFRPP) antenna radome is made of 100% recyclable thermoplastic
- 20% reduced weight compared to older resin-based products saves steel that would be used for tower upgrades
- Improved RF transparency: 65% reduced insertion loss

Making better use of available recycled materials

ANDREW is increasing our use of recycled raw materials all the time.

- Nine lifecycle assessments (LCAs) have been completed to date, informing our recycling strategy
- ANDREW is working with suppliers to increase the use of recycled raw materials
- Aluminum is the most pressing priority, to be followed by steel and copper in 2026

Our commitment to sustainability stands firm, shaping choices that benefit **our planet**, **our customers**, and a **better-connected future** *for all of us.*

Our partners have important sustainability goals to fulfill. ANDREW is 100% committed to helping them reach those goals because, like them, we understand that connecting the world can—and must—be accomplished while protecting the planet.