



**Scrap**

**Upgrade**

**Keeping your antennas up  
to date is not a choice**

**But antenna waste now is**

# Thousands of perfectly functioning antennas scrapped every year

## Network evolution creates waste

The evolution of mobile networks – 2G, 3G, 4G, 5G plus all the changes within each generation – drives constant upgrades to base station antennas.

Antennas are built to last, but in practice their active service is often only three years. Which means a huge amount of perfectly functioning equipment is thrown on the scrap heap.

## Waste contributes to climate change

In the place of discarded antennas, thousands of new antennas are mounted every year. Each one comes with a carbon footprint that contributes to global warming, climate change, and the fires and floods we see in the news and sometimes outside our windows.

## The need for flexibility

If only we had a crystal ball. Then we could see the future and avoid this waste. But in reality, predicting long-term network needs is a challenge:

- New spectrum: which frequency and when?
- 5G rollout: at what speed and which sites?
- Site sharing: which sites and when?

Must we simply accept that our current level of waste and carbon footprint is regrettable but unavoidable?

## MNOs cutting their carbon footprint

Absolutely not. MNOs across the world are taking action.

- The industry is the fastest adopter of the United Nations' Race to Zero campaign, which commits to carbon neutrality by 2050
- Many MNOs are moving faster, targeting 2040
- 13 European GSMA members plan to cut their carbon footprint by 47% by 2030

Which means the industry needs lower carbon footprint antenna solutions now.

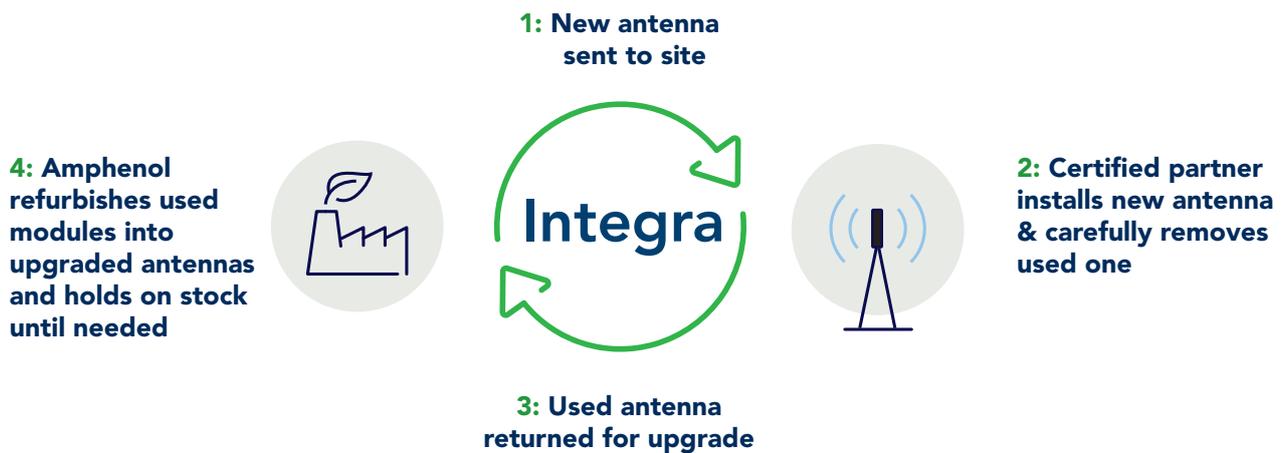
## GSMA Climate Action Taskforce members



# Introducing the world's first upgradeable antenna

## Cut your carbon footprint by 50%

To address the issue of waste, carbon footprint and network evolution, we present Integra, the world's first antenna upgrade programme:



- Latest technology via NodeLine antenna family
- 50% of the carbon footprint
- Upgrade installed & stock antennas
- Two-year warranty
- Fully tested and certified
- Same price as standard antenna

Enabling you to prove your carbon footprint reduction and help your company meet its goals.

To see the details of the carbon footprint saving:

[Click here](#)

## Your carbon saving certificate

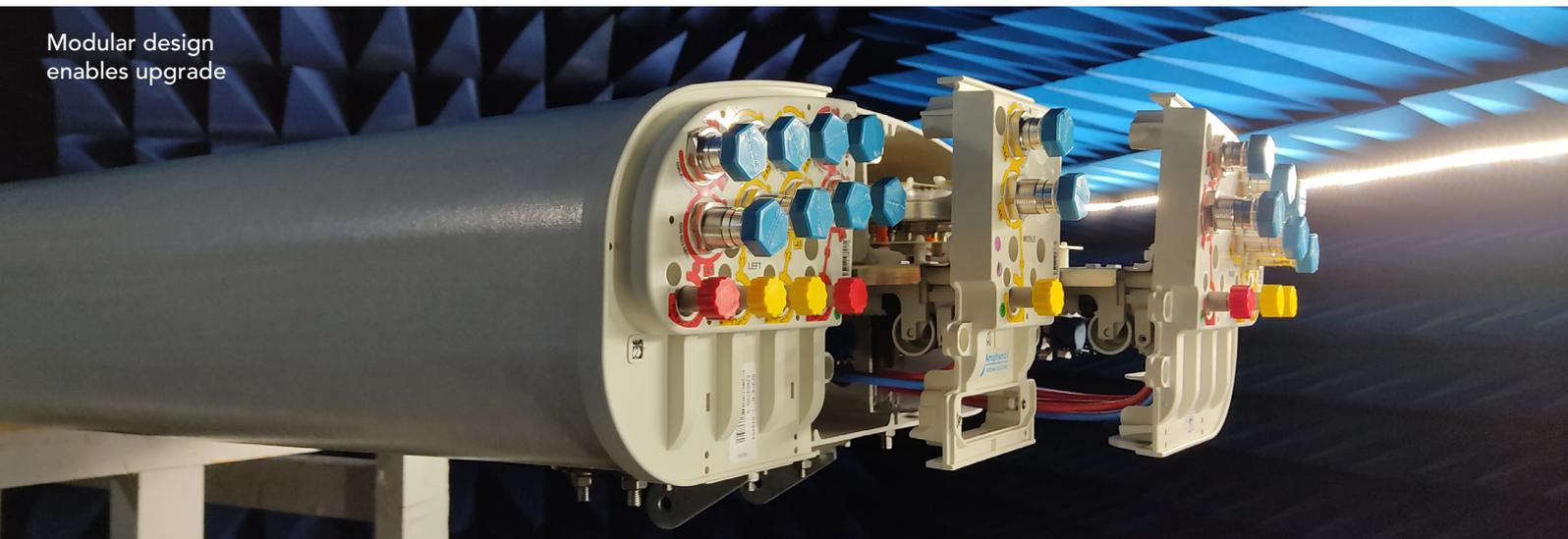
Our calculations show that Integra will enable you to save at least 50% of your carbon footprint by using upgraded antennas – compared to standard antennas. Every year we will calculate your actual savings – including materials, manufacturing and transport – and issue you a certificate.

## Integra in your network?

The time of waste is coming to an end. Integra enables you to keep up to date while reducing your burden on the planet. Explore how it might fit into your network by contacting your local Amphenol Antenna Solutions office:

[Contact us](#)

Modular design  
enables upgrade



# About us

Amphenol Antenna Solutions is a premium antenna solutions provider dedicated to the single objective of designing and manufacturing high performance antennas.

We are a customer-centric antenna company that partners with our customers to develop innovative and tailored solutions, that secure optimal coverage and capacity under all circumstances.

We are independent of any RAN vendor, but work with them all, including vRAN vendors, to create customized antenna solutions. This gives us a unique position in the preparation for ORAN future.

With manufacturing and R&D in Europe, Asia and America, we offer local support to our customers – **Across the world. Around the corner.**

Visit [amphenol-antennas.com](https://www.amphenol-antennas.com)

