



T A G E O S

**SUSTAINABILITY WORKS.**

*Zero* RFID Program



# RFID Sustainability Framework

Clear and defined initiatives with a commitment to perform Life Cycle Assessments per ISO-14040/44 and ISO-14001 standards:



- RFID inlays with biodegradable materials and minimal residual waste at the end of product-life-cycle.
- Analysis of GHG (Green House Gas) footprint of our products to continue systematically research and develop new products that minimize GHG emissions until product end-of-life.
- Research into sustainable business models starting with re-using materials and product recirculation.
- Assess and enable highly sustainable manufacturing sites by using “green” energy, less water consumption, most efficient assembling processes, highly sustainable product packaging and transportation lines.

# Tageos' *Zero* Program

When high-quality and innovation-power meet sustainable performance – that's 100% commitment to the highest ecological and sustainable actions and values, with *zero* tolerance.

Our *Zero* RAIN RFID inlays and tags are made of fully recyclable paper to strongly reduce waste and plastic consumption and to help drive **sustainability** programs globally.

- Antennas and chips assembled on biodegradable FSC paper-face material
- Main inlay component is printable FSC paper substrate
- Antennas free of heavy metals
- Inlays free of conflict minerals
- Lowest possible environmental impact
- Fully compliant with environmental certifications





# Innovations for a greener world

**Zero Base, Zero Plus and Zero Max:** Combining variations of latest antenna and manufacturing technologies with highly sustainable component materials



Up to 70% less material use and only one printable FSC paper layer



Easy recycling processes with FSC paper substrate biodegradable



Up to 90% smaller carbon footprint compared to PET material use



100% plastic-free  
100% heavy-metal free  
100% conflict-material free





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