



Sustainability in the Supply Chain

Navigating ISO 14001 for Aviation Distributors



Building Business Value
Through Environmental Management

Presented by



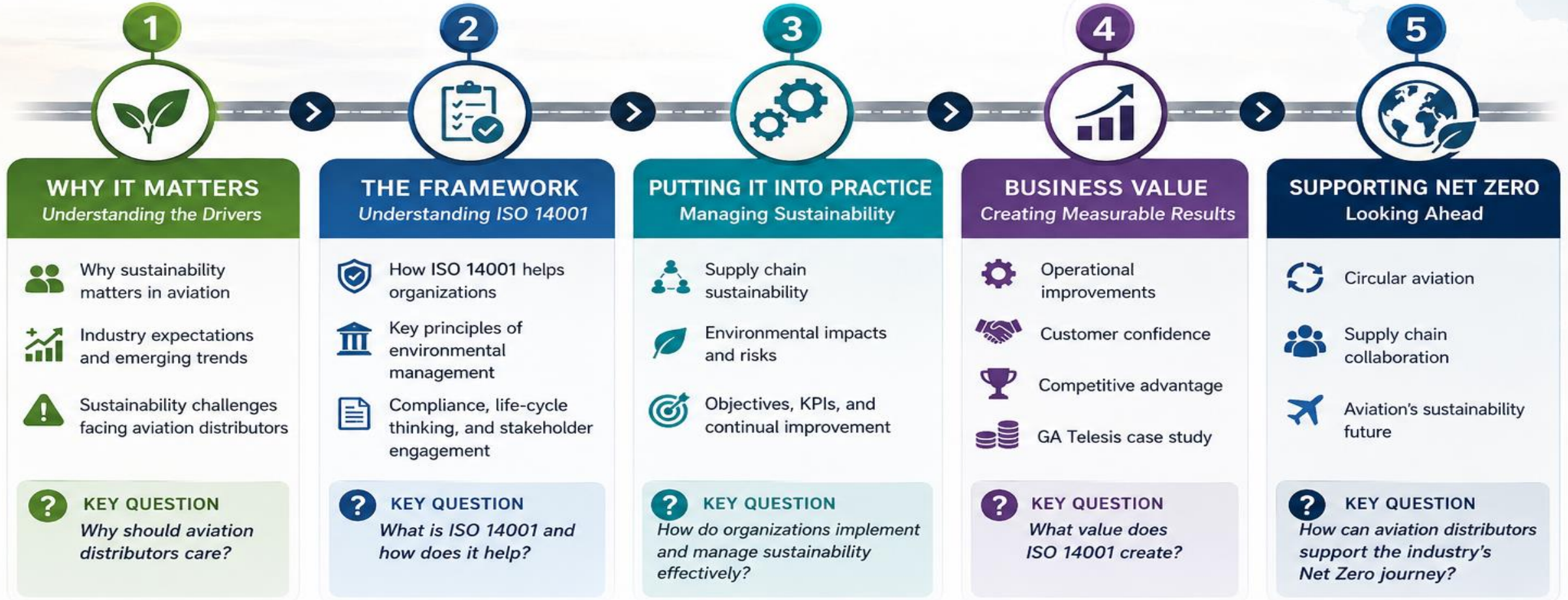
Sam O'Connor
Vice President, Technical Services
ASA / ASACB



Maylin Salgado
Vice President, ESG & Global Quality Systems
GA Telesis, LLC

THE JOURNEY

Navigating ISO 14001 in Aviation Distribution



From sustainability challenges to measurable business results:

how ISO 14001 helps aviation distributors create value while supporting a more sustainable aviation industry.



WHY SUSTAINABILITY MATTERS

Driving Business Value Across the Aviation Supply Chain



1. A Strategic Opportunity

Supply chains are one of aviation's greatest opportunities to reduce environmental impacts and create business value.



2. Rising Expectations

Regulatory requirements, customer expectations, and industry sustainability commitments continue to raise the bar.



3. Customer Requirements

OEMs, airlines, lessors, MROs, and major customers increasingly evaluate suppliers based on sustainability performance.



4. Operational Efficiency

Reducing waste and improving resource efficiency can lower costs while strengthening environmental and operational performance.



5. Competitive Advantage

Organizations that demonstrate sustainability leadership strengthen customer confidence, market differentiation, and competitive positioning.



6. Supporting Net Zero

Aviation distributors play a critical role in supporting Net Zero through responsible sourcing, asset recovery, repair, reuse, and circular economy practices.



Sustainability is no longer a competitive advantage—it is increasingly a business requirement that influences customer decisions, supplier selection, operational performance, and long-term growth.

Aviation Distribution: The Sustainability Challenge



Meeting increasing customer and supplier **sustainability expectations**



Managing **environmental impacts** across complex global supply chains



Reducing **emissions** associated with transportation and logistics



Improving **visibility** into supplier environmental performance



Supporting **circular economy** practices through reuse, repair, and asset recovery



Managing packaging, waste, and **resource consumption**



Demonstrating measurable contributions to aviation's **Net Zero goals** despite limited control over aircraft operations



Sustainability is a **business imperative**—one that drives resilience, efficiency, customer trust, and long-term value in aviation distribution.

HOW ISO 14001 HELPS

A Framework for Managing Sustainability



ISO 14001 HELPS ORGANIZATIONS:



Engage Suppliers & Stakeholders



Collaborate across the value chain



Meet customer expectations



Improve logistics and supply chain resilience



Support circular economy practices



Strengthen overall sustainability performance



ISO 14001 provides the management system that transforms sustainability commitments into **measurable actions** and **continual improvement**.

Key ISO 14001 Principles for Aviation Distributors



Leadership & Commitment

Environmental performance starts with **leadership** setting direction, priorities, and **accountability**.



Risk-Based Thinking

Identifies environmental **risks** and **opportunities** that could affect operations, customers, or business objectives.



Life-Cycle Perspective

Considers environmental impacts throughout the **aviation supply chain**, from sourcing to end-of-life management.



Compliance Obligations

Ensures environmental **regulations**, customer **requirements**, and contractual **commitments** are understood and managed.



Continual Improvement

Drives ongoing **improvements** in environmental performance, efficiency, and **sustainability** outcomes.



Stakeholder Engagement

Promotes **collaboration** with employees, suppliers, customers, and other interested parties.



Together, these principles provide the foundation for a **proactive and business-focused** Environmental Management System.

COMPLIANCE OBLIGATIONS

Meeting Legal, Customer & Industry Expectations



WHY IT MATTERS



Compliance is not about avoiding penalties— it is about creating value, resilience, and long-term business success.

LIFE-CYCLE PERSPECTIVE IN AVIATION DISTRIBUTION



**A CIRCULAR APPROACH.
SUSTAINABLE IMPACT.
STRONGER TOGETHER.**



DELIVERING VALUE ACROSS THE AVIATION SUPPLY CHAIN

REUSABLE PACKAGING Reduces waste and cost.	USM COMPONENTS Extend life. Add value.	MATERIAL RECOVERY Keep resources in circulation.	REDUCED EMISSIONS Smarter logistics. Cleaner future.	STRONGER PERFORMANCE Sustainable today. Resilient tomorrow.
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A life-cycle approach in aviation distribution reduces environmental impact, creates value and builds a more sustainable future.

SUPPLIER & STAKEHOLDER ENGAGEMENT

Building Strong Partnerships to Drive Sustainability Across the Aviation Supply Chain



KEY ENGAGEMENT BENEFITS



Strong stakeholder engagement transforms sustainability from a requirement into a **competitive advantage**.

MANAGING SUSTAINABILITY ACROSS THE AVIATION SUPPLY CHAIN

Partnering beyond our operations. Delivering value, reducing impact.



KEY EXTERNAL PARTNERS

- Suppliers
- Repair Stations
- Logistics & Freight Providers
- Packaging Suppliers
- Warehousing Partners
- Teardown & Asset Recovery Providers



WHY IT MATTERS

- Environmental Impact**
Environmental impacts often occur outside the organization's direct control.
- Customer Leadership**
Customers increasingly expect visibility into supply chain sustainability performance.
- Supplier Sustainability**
Assessments and questionnaires are becoming more common.
- Risk & Compliance**
Environmental incidents within the supply chain can create business, compliance, and reputational risks.
- Stronger Partnerships**
Strong supplier engagement supports aviation's broader sustainability objectives.

VISIBILITY
Gain insight into supply chain environmental performance.

COMPLIANCE
Meet regulatory requirements and customer expectations.

SUSTAINABILITY PERFORMANCE
Improve sustainability rating and strengthen performance.

RISK MANAGEMENT
Reduce environmental and operational risks across the supply chain.

CUSTOMER TRUST
Build and maintain trusted, responsible and sustainable supply chain practices.

SUSTAINABILITY PERFORMANCE IS ONLY AS STRONG AS THE SUPPLY CHAIN THAT SUPPORTS IT.

ISO 14001 promotes collaboration, accountability, and continuous improvement throughout the aviation value chain.

ENVIRONMENTAL IMPACTS AVIATION DISTRIBUTORS CAN INFLUENCE

ISO 14001 requires organizations to identify environmental aspects and determine which have the most significant impact on their operations and supply chain.



PACKAGING & MATERIALS

- Packaging waste
- Reusable containers
- Recycling opportunities



FACILITY OPERATIONS

- Energy consumption
- Waste generation
- Resource efficiency initiatives



CIRCULAR ECONOMY

- Used serviceable material (USM)
- Repair versus replacement
- Asset recovery and recycling

AVIATION DISTRIBUTORS Environmental Influence



HAZARDOUS MATERIALS MANAGEMENT

- Batteries
- Chemicals
- Spill prevention and emergency preparedness



TRANSPORTATION & LOGISTICS

- Air freight emissions
- Shipment consolidation
- Transportation efficiency



SUPPLY CHAIN PERFORMANCE

- Supplier environmental practices
- Contractor and service provider impacts



REDUCE RISK

Identify and manage environmental risks across operations and supply chain.



IMPROVE PERFORMANCE

Enhance operational efficiency and reduce environmental impact.



CREATE VALUE

Create value through sustainable practices and resource efficiency.



SUPPORT COMPLIANCE

Meet regulatory requirements and industry standards with confidence.



BUILD RESILIENCE

Strengthen supply chain resilience and stakeholder trust.



Not every environmental impact can be controlled, but every impact should be evaluated to determine where the organization can **reduce risk, improve performance, and create value.**

RISK-BASED THINKING

Turning Environmental Risks into Business Opportunities

A Strategic Approach to Environmental Sustainability in Aviation (ISO 14001:2015)



ENVIRONMENTAL RISKS



Transportation Emissions
Fuel use and logistics contribute to GHG emissions.



Packaging Waste
Excess packaging and single-use materials increase waste.



Hazardous Materials
Improper storage, handling, or disposal can cause harm.



Battery Management
Lithium batteries pose risks in storage, transport, and disposal.



Supplier Environmental Incidents
Supplier non-compliance or incidents can disrupt operations and reputation.



Compliance Failures
Non-compliance can lead to fines, penalties, and loss of certification.

**ANTICIPATE RISKS
&
CAPTURE OPPORTUNITIES**

Better decisions.
Stronger performance.
Sustainable results.

SUSTAINABILITY OPPORTUNITIES



Circular Economy & USM
Extend life of parts and materials through reuse and recovery.



Sustainable Packaging
Reduce packaging waste and use recyclable or reusable materials.



Logistics Optimization
Optimize routes and loads to reduce emissions and costs.



Energy Efficiency
Improve efficiency in facilities and operations.



Supplier Sustainability
Partner with suppliers who share strong environmental practices.



Competitive Differentiation
Demonstrate leadership and build customer and stakeholder trust.



1. CONTEXT

Understand internal and external context.



2. ENVIRONMENTAL ASPECTS

Identify significant environmental aspects.



3. RISKS & OPPORTUNITIES

Evaluate risks and identify opportunities.



4. ACTIONS & CONTROLS

Implement actions and controls.



5. MONITORING & MEASUREMENT

Monitor performance and effectiveness.



6. CONTINUAL IMPROVEMENT

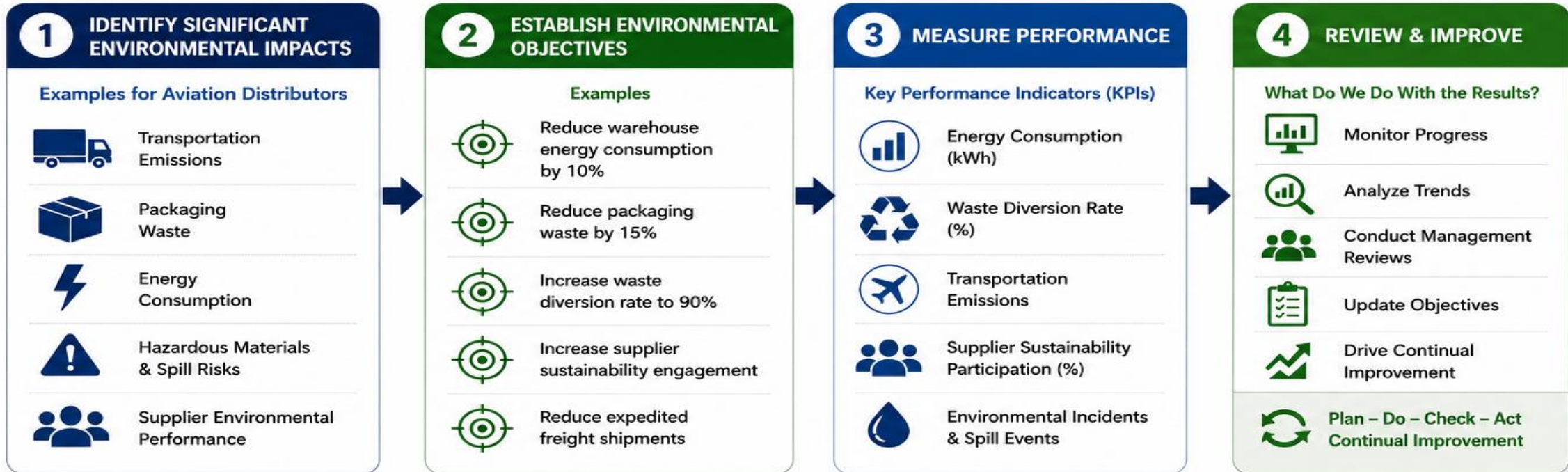
Drive ongoing improvement.



Organizations that proactively manage environmental risks are better positioned to **reduce costs, improve resilience, strengthen customer confidence, and create long-term business value.**

From Environmental Impacts to Measurable Results

ISO 14001 transforms environmental impacts into objectives, measurable KPIs, and continual improvement.



What gets measured gets managed. ISO 14001 converts environmental commitments into measurable objectives, actionable decisions, and continual improvement.



CONTINUAL IMPROVEMENT

Measuring Performance. Driving Improvement. Delivering Sustainable Aviation.

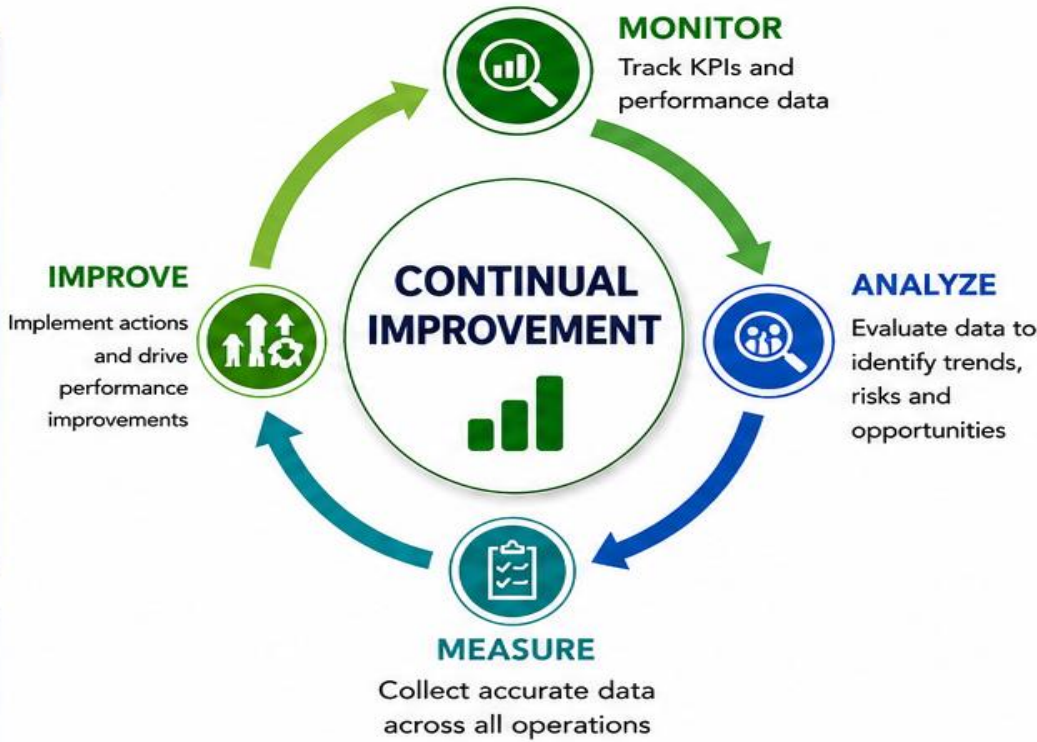


PERFORMANCE

- Energy Consumption
- Water Consumption
- Waste Diversion Rate
- GHG Emissions
- Compliance Performance
- Environmental Incidents

KEY METRICS

- Energy Reduction
- Waste Reduction
- Paper Reduction
- Compliance Rate



IMPROVEMENT INITIATIVES

- Sustainable Aviation Fuel
- Energy Efficiency
- Circular Economy
- Paperless Operations
- Fleet Electrification
- Climate Action



What gets measured gets improved. Data-driven decisions enable sustainable aviation performance.



BUSINESS BENEFITS OF ISO 14001

ISO 14001 helps organizations improve environmental performance while creating measurable business value.



1 COMPETITIVE ADVANTAGE

- Differentiate from competitors
- Strengthen supplier qualification status
- Support customer sustainability requirements
- Increase opportunities with OEMs, airlines, and MROs

2 CUSTOMER CONFIDENCE

- Demonstrate commitment to responsible business practices
- Improve customer trust and transparency
- Support EcoVadis and customer sustainability assessments
- Strengthen long-term customer relationships

3 OPERATIONAL EFFICIENCY

- Reduce waste and resource consumption
- Improve process consistency and controls
- Identify opportunities for energy and cost savings
- Enhance environmental awareness throughout the organization

4 RISK MANAGEMENT & RESILIENCE

- Identify environmental risks and opportunities
- Improve preparedness for environmental incidents
- Strengthen supply chain sustainability oversight
- Support business continuity and long-term resilience

5 SUPPORT FOR AVIATION SUSTAINABILITY GOALS

- Promote circular economy practices
- Encourage responsible supply chain management
- Reduce environmental impacts across operations
- Contribute to aviation's broader sustainability objectives

6 CONTINUAL IMPROVEMENT

- Establish measurable objectives and KPIs
- Monitor performance and drive accountability
- Create a culture of continuous improvement
- Align environmental performance with business strategy

ISO 14001 is more than an environmental certification—it is a business management system that strengthens competitiveness, improves efficiency, reduces risk, and supports long-term sustainable growth.



Case Study: ISO 14001 in Action at GA Telesis

Transforming sustainability initiatives into measurable business value.



- ISO 14001 CERTIFIED**
Environmental Management System in place
- ECOVADIS PARTICIPATION**
Strengthening sustainability ratings and transparency
- CIRCULAR ECONOMY PROGRAMS**
Promoting reuse, repair, and material recovery
- CONTINUAL IMPROVEMENT**
Driving better performance every day

ISO 14001 provided the framework to align sustainability, operational excellence, and customer expectations across the organization.



SUPPORTING AVIATION'S NET ZERO JOURNEY

Achieving aviation's Net Zero ambitions requires collaboration across the entire aviation ecosystem.



THE AVIATION ECOSYSTEM – TOGETHER TOWARD NET ZERO



HOW DISTRIBUTORS CONTRIBUTE TO A SUSTAINABLE AVIATION FUTURE



 **Aircraft parts distributors may not operate aircraft, but they influence sustainability throughout the aviation lifecycle.**

 **Net Zero is not the responsibility of a single organization—it is achieved through **collaboration** across the aviation ecosystem.**



KEY TAKEAWAYS

Five Essential Messages to Remember

1



Sustainability is a Business Requirement

Customer, OEM, and ESG expectations continue to increase.

2



ISO 14001 Provides a Practical Framework

Transforms environmental commitments into structured actions.

3



Aviation Distributors Influence Sustainability

Through sourcing, logistics, repair, reuse, and supplier engagement.

4



Measuring Performance Drives Improvement

Objectives and KPIs support accountability and results.

5



Every Organization Has a Role in Net Zero

Collaboration across the aviation ecosystem is essential.



ISO 14001 is more than an environmental standard—it is a business management framework that helps organizations **improve performance**, **strengthen resilience**, and support a more **sustainable aviation industry**.



STRONGER TOGETHER
Collaboration drives progress.



SUSTAINABLE FUTURE
Responsible today.
Resilient tomorrow.



SHARED PURPOSE
Advancing aviation
for generations to come.



GLOBAL IMPACT
Local actions.
Worldwide difference.



ASA CONFERENCE
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Driving Sustainability in
Aviation Distribution

Thank You

Questions?

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Sam O'Connor

Vice President, Technical Services



+1 978-790-9370



+1 202-347-6895



GA Telesis



Building a More **Sustainable** Aviation Industry
Through Collaboration, Innovation, and
Continual Improvement.

