

## OFGO STUDIO - Designed for Environment (DfE) Policy

OFGO STUDIO is committed to integrating environmental stewardship into all aspects of product design, manufacturing, packaging, distribution, use, and end-of-life management.

This Designed for Environment (DfE) Strategy establishes a framework to reduce environmental impacts throughout the product lifecycle by prioritizing:

- Sustainable material selection
- Energy efficiency
- Water conservation
- Chemicals of concern reduction
- Waste minimization
- Circular product design
- Responsible end-of-life management
- This strategy supports OFGO STUDIO's commitment to continual environmental improvement and alignment with BIFMA LEVEL sustainability objectives.

### **SUSTAINABLE MATERIAL SELECTION**

#### ***Renewable Materials***

Policy: OFGO STUDIO prioritizes materials sourced from renewable resources that can be naturally replenished, reducing dependence on non-renewable feedstocks.

Action Steps:

- Evaluate renewable alternatives during product development
- Prioritize FSC-certified wood-based materials
- Engage suppliers demonstrating sustainable forestry practices
- Increase renewable material content where technically feasible

### ***Recycled Materials***

Policy: OFGO STUDIO prioritizes recycled-content materials to reduce virgin resource extraction and embodied environmental impacts.

#### Action Steps:

- Source post-consumer and post-industrial recycled materials where performance requirements allow
- Establish annual recycled content improvement benchmarks
- Require supplier documentation consistent with ISO 14021 where applicable

### ***Recyclable Materials***

Policy: Products and packaging shall be designed to maximize recyclability and material recovery.

#### Action Steps:

- Specify recyclable materials whenever practical
- Design components for easy separation
- Minimize mixed-material assemblies where avoidable
- Provide recycling guidance to dealers and end users

### ***Biodegradable Materials***

Policy: Biodegradable materials will be incorporated where functionally appropriate and environmentally beneficial.

#### Action Steps:

- Evaluate compostable packaging alternatives
- Verify compliance with ASTM D6400 or equivalent
- Ensure biodegradability claims are independently verifiable

### ***Chemicals of Concern Management***

Policy: OFGO STUDIO is committed to minimizing and eliminating chemicals of concern that may adversely affect human health or the environment. This includes evaluating raw materials, finishes, adhesives, coatings, and packaging inputs to reduce hazardous substances across product lifecycles.

#### Action Steps:

- Prioritize low-emitting materials compliant with ANSI/BIFMA X7.1 where applicable
- Restrict intentionally added substances of concern, including:
  - Heavy metals
  - Formaldehyde beyond CARB Phase II thresholds
  - Halogenated flame retardants where avoidable
  - PFAS-containing treatments where alternatives exist
- Require supplier disclosure of chemical content upon request
- Review material inputs annually for safer substitutions
- Maintain SDS documentation for applicable materials

### ***Energy Efficiency***

Policy: OFGO STUDIO seeks continual reduction of energy consumption and associated greenhouse gas emissions throughout manufacturing and operational activities. Energy efficiency considerations are integrated into facility management, equipment procurement, and manufacturing process improvements.

#### Action Steps:

- Monitor facility electricity and natural gas consumption
- Establish annual energy intensity reduction targets
- Upgrade production equipment to higher-efficiency alternatives when feasible
- Implement LED lighting and occupancy controls
- Optimize compressed air and machinery operation schedules
- Evaluate renewable energy procurement opportunities

### ***Water Management***

Policy: OFGO STUDIO recognizes responsible water stewardship as an essential component of environmental performance. Water consumption shall be monitored and minimized through operational efficiency and continuous improvement.

#### Action Steps:

- Track facility water consumption annually
- Investigate water reduction opportunities in cleaning and operational processes
- Install water-efficient fixtures where upgrades occur
- Conduct routine maintenance to prevent leaks and unnecessary loss

### ***End-of-Life Management - Product Lifecycle Management and Circular Integration***

Policy: OFGO STUDIO designs products with lifecycle extension and material recovery in mind, supporting circular economy principles.

#### Products shall be designed to facilitate:

- Repair
- Replacement of components
- Refurbishment
- Material recovery
- Responsible recycling

#### Action Steps:

- Design for disassembly where practical
- Reduce permanent bonding of dissimilar materials
- Maintain replaceable component systems
- Continue evaluation of product take-back feasibility
- Support dealer partnerships with certified recycling providers

### ***Waste Reduction***

Policy: Manufacturing waste shall be minimized through process optimization and responsible material utilization.

Action Steps:

- Improve material yield efficiency
- Separate recyclable waste streams
- Track waste diversion performance and review opportunities annually

### ***Continuous Improvement and Review***

This DfE Strategy shall be reviewed annually by management to evaluate:

- Material improvements
- Energy performance
- Water performance
- Chemical reduction opportunities
- Waste diversion performance
- Circular design progress
- Corrective actions and measurable objectives will be established as part of the annual review process.

OFGO STUDIO is committed to environmental leadership through thoughtful product design and responsible operational practices.

By integrating:

- Renewable and recycled materials
- Water conservation
- Energy efficiency
- Chemicals of concern reduction
- Circular product design
- Responsible end-of-life management