



AVI  SPL®



# Triple Your Tech Bottom Line When You Choose Sustainable Solutions

# The future of sustainability in the AV industry

Sustainability is increasingly important in the AV and experience technology industry. At AVI-SPL, we've seen that sustainability initiatives thrive when stakeholders recognize their tangible benefits. By strategically incorporating new technologies that prioritize people, planet, and profit, we can help your organization achieve the elusive "triple bottom line."

We evaluate technology through a sustainability lens, ensuring value is realized throughout its lifecycle, from design and distribution to usage and recycling. Our teams look for solutions that have low carbon footprints with longer life spans and lower total cost of ownership.

Barco is an essential sustainability partner who supports this process. Together, [Barco](#) and AVI-SPL are committed to supporting our customers' technology experiences and sustainability goals.



AVI-SPL helps customers and its systems design engineers identify which technology vendors have environmentally friendly policies and processes in our [AVI-SPL Supplier Sustainability Matrix](#).

# Save with sustainable solutions by design

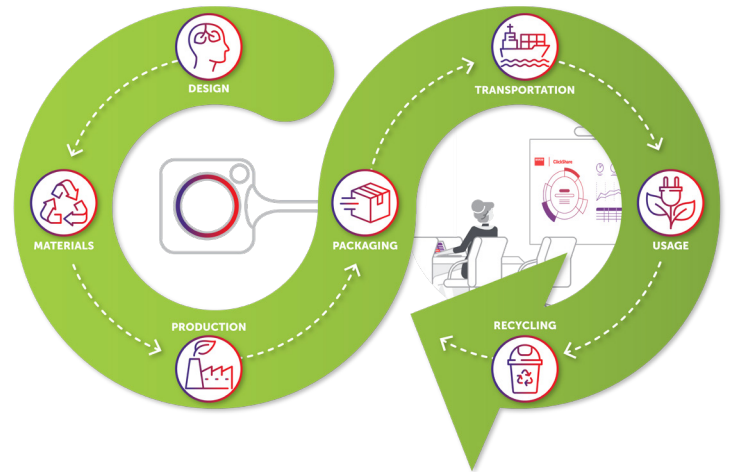


Barco has been at the forefront of sustainable solutions since 2015, retooling its product designs, packaging, manufacturing, and distribution processes to reduce their environmental footprint. In recent news, Barco is included in [TIME Magazine's 2024 list of the World's 500 Most Sustainable Companies](#).

In addition, Barco was awarded the [2023 EcoVadis Gold Medal and the CDP Supplier Engagement Leader title](#).

Barco's [sustainable product practices](#) include:

- Comprehensive ecodesign program: environmental impact measurement through its [ecoscore](#) model. Life cycle assessment is being conducted to determine environmental hotspots across the product lifecycle
- Using post-consumer resin (PCR) plastics and halogen-free PCBs
- Reimagining packaging for products like ClickShare CX-50 2nd Gen with recycled (90%) and recyclable (94%) cardboard.
- Additional labeling makes it easy to choose sustainable options. Products with a lower environmental footprint can be marked with the "Barco Eco Product Label." In 2023, 65% of Barco's revenues were generated by products receiving the Eco-label.
- Powering its operations sustainably. 61% of Barco's energy use comes from renewable sources.
- Choosing efficient and lower carbon-intensive transportation methods. Barco's primary inbound transportation channel is by sea, followed by truck freight and air as a last resort.



Customer and employee demand for enhanced workplace experiences powered by technology is booming. These high expectations drive the need for advanced technology in more spaces, leading to more energy use.

Barco has risen to the challenge and offers more sustainable options to power your meeting rooms, control rooms, and immersive spaces. Barco engineers adhere to the philosophy of the strictest standards, such as the recently published EU Ecodesign for Sustainable Products Regulation. As a result, products are designed to reduce energy and material use/intensity without compromising performance.

# Modern workplace meeting rooms



Barco brings sustainability to the workplace with its latest ClickShare carbon-neutral video bars and wireless conferencing systems. Every ClickShare product is designed with environmental responsibility in mind at every step of the product lifecycle. Barco's new ClickShare is twice as energy efficient in standby mode as the EU Ecodesign regulation.

# Energy-efficient control rooms



Barco has three sustainable video wall options to power communication in your control rooms: LED, LCD, and rear projection cubes (RPCs).

## Barco TruePix premium LED

TruePix excels in the continuous, demanding environments of control rooms and command centers. TruePix features an eco-power standby mode, which supports its Barco Ecoscore A. This option also has a long life span since it can be serviced for up to 10 years with LED batch-compatible tiles.

Another version, TruePix-I, takes sustainability even further. Its flip-chip technology makes individual LEDs more efficient. The result is higher brightness (over 1000 nit) at a lower power consumption. This further reduces the TCO and the ecological footprint.



The ClickShare Video Bar range and ClickShare CX-50 2nd gen all boast a CO2logic, a South Pole Company, CO2 Neutral Silver Product label. The label certifies that a company calculates, reduces, and offsets the carbon footprint associated with a specific product every year.

## Barco UniSee II LCD

Barco UniSee II is ideal for control rooms because it delivers high-quality, immersive visuals critical for monitoring and decision-making. This solution boasts a 20% reduction in power consumption compared to its predecessor, significantly decreasing its environmental impact and energy costs. Compared to typical LCDs, Barco UniSee II consumes 20% less power (on average, depending on the content).



These reduced power needs are driven by using energy-efficient mini-LEDs as backlight, vs. traditional LCDs with always-on backlights. Its robust design, modular construction for easy maintenance, and precise panel installation with automatic alignment minimize operational expenses, making Barco UniSee II a sustainable and efficient choice.

## Barco RPC

Barco RPCs combine extreme longevity with excellent image quality, low power consumption, and a very narrow bezel, ticking off all the boxes on control room professionals' wish lists. The powerful Laser projection system of the ODL series provides high contrast, excellent image quality, and enough brightness to operate under all light conditions. Since the laser engine does not need cooling fans, it works silently. And you can upgrade some rear projection LED video walls to laser technology with [available upgrade kits](#).

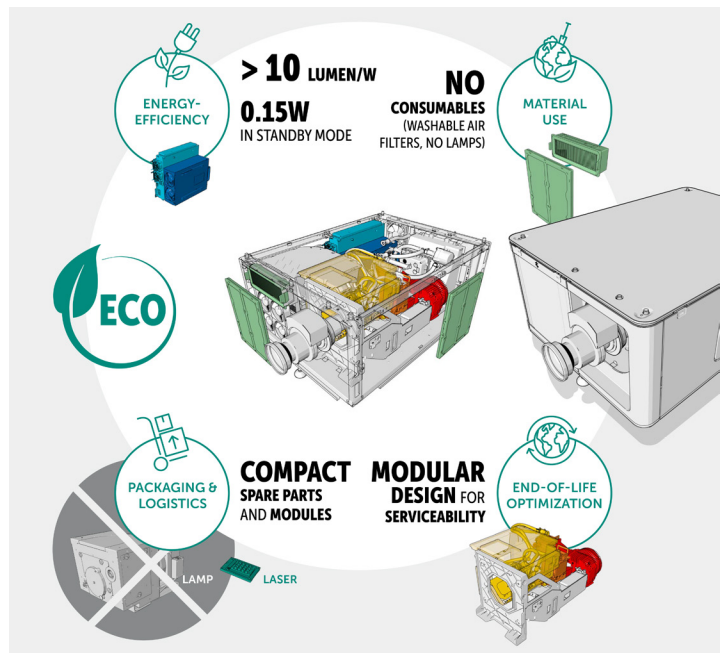


# Creating immersive experiences while saving energy

Barco's eco-labeled projector range sets a benchmark for environmentally conscious innovation. Featuring both single-chip and three-chip laser models, the Barco projectors are designed with both performance and sustainability in mind, offering cutting-edge technology for a range of applications.

Take the G50, for example, a compact yet powerful projector that exemplifies efficiency and eco-friendly performance. Equipped with a long-lasting laser phosphor light source, the G50 minimizes energy consumption while eliminating the need for hazardous lamp replacements. Its exceptional energy efficiency, reaching up to 18 lumens per watt, ensures outstanding visual quality with minimal environmental impact.

Additionally, the Barco flagship projection models are also designed with circularity and modularity at their core. The modular components in our 3-chip DLP projectors allow for easier upgrades and repairs, extending the product lifecycle and reducing waste. Combined with optimized size and weight to reduce material usage and lower the carbon footprint during transportation, Barco projectors are engineered for sustainability at every stage of their lifecycle.



By prioritizing energy efficiency, circular designs, responsible manufacturing, and logistics optimization, the Barco projectors reflect a steadfast commitment to sustainability. They're not just tools for delivering stunning visuals; they're a forward-thinking choice toward a greener future in AV.

## AVI-SPL Symphony saves electricity and extends product life

We further support your sustainability with our AVI-SPL Symphony software. Symphony users can extend product lifespans and reduce the Total Cost of Ownership with:

- Automated shutdown of devices when not in use based on a schedule or other triggers to maximize energy savings
- Extended lifespan of technology by powering down and proactively monitoring it to resolve issues before they impact operations
- Room and technology usage analytics to make intelligent decisions on technology investments and reduce wasted spend
- Remote monitoring of the health of devices and shutting them off when not in use
- Predictive (based on its monitored)/preventative maintenance and managed services

Because Symphony often resolves a technology issue without requiring field dispatch, it can also provide analytics on how many service trips were not needed over time. All this data provides crucial insights into the efficiency and effectiveness of your technology investment over time.

## Responsible recycling

Whether at end-of-service (EOS) or end-of-life (EOL), technology lives on through its material components. That means appropriate, compliant disposal and recycling are paramount.

For ClickShare, Barco offers a trade-in program that simplifies upgrading to the latest energy-efficient devices. Barco's ClickShare trade-in program conforms to best practices, including the EPR regulation, by allowing you to dispose of your existing hardware in a more environmentally conscious way. In addition, AVI-SPL offers electronics recycling during technology deployment as part of a large room refresh engagement.



## AVI-SPL is the technology lifecycle partner who prioritizes sustainability along the value chain.

Along with following its own ESG practices and sustainability commitments, AVI-SPL collaborates with partners like Barco with similar goals that support your sustainability needs.

Applying the principles here, Barco and AVI-SPL will help you achieve a Triple Bottom Line from your technology investments – supporting people, planet, and profit. We deliver technology solutions that are simple to use, scalable across multiple applications, and sustainably produced, used, and recycled.

## Contact us today to design your sustainable Barco solution.

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