

About Booz Allen

Booz Allen Hamilton has been at the forefront of strategy and technology consulting for nearly a century. Providing a broad range of services in strategy and organization, technology, operations, and analytics, Booz Allen is committed to delivering results that endure.

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Green Supply Chain

Applying Green Supply Chain Principles to Improve Mission Performance

Many government organizations are actively pursuing green strategies with proven benefits, such as reduced operating costs, decreased dependence on foreign oil, compliance with current and future government regulations, and a demonstrated commitment to environmental stewardship. Most organizations, however, focus only on what is within their own four walls and ignore one of the largest producers of costs and environmental waste—their own supply chain.

One of the most profitable areas for strengthening both operational efficiencies and environmental stewardship is an organization's supply chain. The supply chain has significant potential for energy and resource conservation, from the sourcing of products and raw materials to product transportation, manufacture, and storage; product use; and waste disposal and recycling.

In recent years, a growing body of best practices has emerged from the experiences of commercial and government organizations. These best practices have attacked carbon emissions and energy consumption in their supply chains. They can be implemented as three separate but complementary programs—the Green Pulse Check, Sustainable Procurement, and Carbon Footprint Modeling and Simulation—and provide a foundation for building the organizational culture, processes, and tools to support a green supply chain.

Booz Allen can help you be ready for what's next

Booz Allen Hamilton, a leading strategy and technology consulting firm, helps clients develop cost-effective and more environmentally beneficial supply chain strategies. Organizations do not have to own the extended supply chain to benefit from these programs and associated tools. As large high-volume purchasers, government agencies can wield considerable influence by collaborating with suppliers to find alternatives that reduce costs while greening the supply chain. Booz Allen works with clients to understand the true costs of their supply chains—environmental and budgetary—and then identifies the most attractive opportunities for reducing cost and waste.

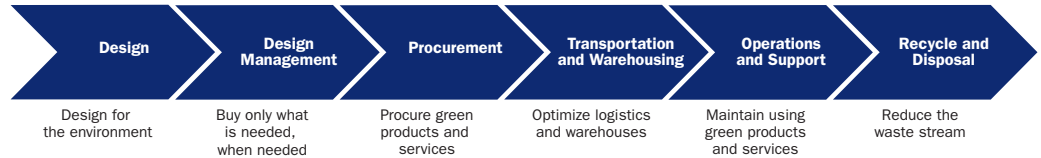
Our approach

Too often, agencies take a piecemeal approach to greening that targets narrow goals, such as cutting fuel costs, switching to fluorescent lights, or recycling paper. These ideas may drive incremental gains, but their impact is limited. Booz Allen's green supply chain approach takes a much broader environmental perspective across the product lifecycle. Our goal is to help clients effectively manage their environmental footprint (e.g., carbon footprint, energy consumption, waste generation) and reduce costs through an end-to-end review of the supply chain.

Ready for what's next. www.boozallen.com

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Figure 1: Green Opportunities Span All Functional Components of the Supply Chain



We work with organizations across three primary areas (see Figure 2). First, we help clients benchmark their performance against documented best practices to identify gaps and determine where to focus their efforts—Green Pulse Check. In addition, we help organizations identify the products and services that are the most environmentally attractive and cost efficient—Sustainable Procurement. Finally, we use models and simulations to help clients quantify the cost and environmental impact of potential supply chain strategies—Carbon Footprint Modeling and Simulation—enabling them to select the strategy that best fits their requirements.

Figure 2: Booz Allen Green Supply Chain Service Offerings

Program	Overview	Benefits
Green Pulse Check	Benchmark existing green supply chain practices and operations against best-in-class	Highlights critical weaknesses and establishes a clear path for continuous improvement
Sustainable Procurement	Identify products and services that reduce environmental impact and energy use	Facilitates increased collaboration with an organization's suppliers to spur efficient design and usage of products and recycling of waste
Carbon Footprint Modeling and Simulation	Measure existing operations-related energy consumption and emissions; models then simulate alternative distribution networks to compare carbon footprint reduction	Shows how an organization can optimize its supply chain emissions footprint by modeling new strategies, assessing the savings opportunities, and validating outcomes

Agencies can undertake each program alone or as part of a package to improve green supply chain practices. Together, the programs provide a comprehensive framework for building a green supply chain that will strengthen an organization's "triple bottom line" by not only adding economic value but also promoting the organization's social goals and bolstering its environmental stewardship.

Booz Allen experience and expertise

At Booz Allen, we have a proven track record of working with clients to develop and implement green strategies. Our experience includes work with a range of government clients, including the Office of the Secretary of Defense, National Institutes of Health, Department of Energy, Department of Veterans Affairs, and Department of Defense. We also have deep functional experience in supply chain and logistics. Booz Allen coined the term "Supply Chain Management" in 1982 when it conducted a study of more than 1,500 organizations to assess their strategic approaches to managing materials and handling production. Ever since, our firm has helped organizations improve the way they manage sourcing, manufacturing, supply chain, logistics systems, and inventories.

Whether you're managing today's issues or looking beyond the horizon, count on us to help you be ready for what's next.