

ENVIRONMENTAL SERVICES MATERIALS CONSULTING



OVERVIEW

U.S. raw material use rose 2.8 times more than the population from 1910 to 2010¹, while renewable materials decreased from 41% to 5% of total materials by weight over the same period².

Companies are looking to reduce their material impacts, and guidelines like the CDP and GRI are providing the framework and driving the expectation that companies transparently disclose environmental impacts in their operations and their supply chains. Closed loop and circular economy models provide ways for businesses to increase efficiency, reduce waste and create new jobs.

Products and services that rely on plastics, metals, recyclables, paper, wood, and other products have opportunities to implement solutions that address materials issues—whether through reducing municipal solid waste, implementing more responsible packaging choices, or identify renewable materials for products.

MATERIALS CONSULTING SERVICES

Whether you are looking for consulting services for a product, project, your facilities, or within your supply chain, we can help. Our breadth of expertise and diversity of service offerings enables us to successfully engage with a broad range of industries, and become a one-stop shop for your corporate sustainability priorities.



MATERIALS

PACKAGING ASSESSMENTS

Conduct a **Sustainability Assessment** or **Life Cycle Assessment (LCA)** on current packaging materials to identify opportunities for decreasing impacts, finding suitable alternatives, and/or utilizing materials more efficiently.

SITE WASTE MANAGEMENT

Undergo a **waste audit** to establish a baseline of current waste output and determine customized waste diversion policies (which may include **recycling** or **composting** programs, or **zero waste** strategies).

REPORTING & BENCHMARKING

Showcase your progress and priorities with a customized **Sustainability Report** using existing standards and frameworks such as the **Global Reporting Initiative (GRI)**, **CDP Forests**, and/or the **UN Sustainability Development Goals (SDGs)**.

TEXTILES & CHEMICALS

Evaluating current operations against industry standards and benchmarks, identify gaps and develop KPIs.

STANDARD GUIDANCE

Seek **guidance** with existing standards and certifications designed to reduce environmental impacts:

- Environmental Management (ISO 14001)
- Chain of Custody (CoC)
 - Sustainable Forestry Initiative (SFI)
 - Programme for the Endorsement of Forest
 - Forest Stewardship Council (FSC)
 - Textile Exchange Content Claims Standard
- B corps certification and/or score improvement
- Landfill-free certification
- eWaste certifications (R2, RIOS, eStewards)
- Biodegradable certifications

¹ Matos, G. (2012) Use of Raw Materials in the United States From 1900 Through 2010. U.S. Geological Survey (USGS)

² Wagner, L. (2002) Materials in the Economy – Material Flows, Scarcity and the Environment. USGS

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DELIVERY MODEL

Every business is unique. NSF's consulting-led approach helps you develop sustainable strategies appropriate to your needs, through a process that considers:

- > The complexity of your operations
- > Environmental priorities
- > Progress made toward public commitments, corporate social responsibility (CSR) or corporate strategy
- > Key stakeholder relationships and partnerships
- > How others have approached a similar challenge

No matter your level of readiness, NSF can help—from planning and strategy development to implementation and revision.



OUR MISSION

We aim to become a strategic partner for companies striving to reduce their environmental burdens at the product/process, project, facility, and supply chain levels by offering services in key sustainability impact areas such as energy, water, materials and land. We work alongside companies to identify key risks and mitigation opportunities—regulatory or non—and provide a clear vision for how to set, surpass, and communicate science-based sustainability targets to stakeholders.

CONTACT US

For more information about materials consulting, or other environmental services, visit www.nsfustainability.org or contact us at sustainability@nsf.org.

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