



TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT REFRESHER TRAINING COURSE

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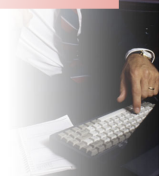


SUSTAINABLE RESOURCE SOURCING FOR BUILDING SCIENCE PROFESSIONALS

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WHAT SHOULD YOU LEARN



- What is sustainable sourcing?
- Dimensions of Sustainability
- Sustainable sourcing benefits
- The shifting mindset on Sustainability

WHAT IS SUSTAINABLE SOURCING?

Sustainable sourcing is the integration of social and environmental factors into the selection process for suppliers. The long-term goal of sustainability sourcing is to build lasting supplier relationships, and at the same time improving upon environmental and social goals as a core corporate objective.

The key to moving toward sustainable sourcing is to not embrace every aspect of sustainability in one go, but to include one aspect at a time and then another.

It includes purchasing sustainably preferable products and services (products made from recycled or remanufactured materials), as well as green purchasing guidelines that might pertain to certain products or commodities.



WHAT IS SUSTAINABLE SOURCING?

Sustainable sourcing is needed because supply chains continue to expand globally into developing countries for lower costs and larger production capacity.

Now companies are increasingly making sustainable sourcing an essential part of their procurement and supply chain management processes.

Sustainable sourcing is the integration of social, ethical and environmental performance factors into the process of selecting suppliers. It includes purchasing sustainably preferable products and services (products made from recycled or remanufactured materials), as well as green purchasing guidelines that might pertain to certain products or commodities.



DIMENSIONS OF SUSTAINABILITY

The "Sustainability in the Supply Chain" learning module from SIG University teaches that there are several dimensions of sustainable sourcing:

Environmental: Biological perseverance, energy conservation, pollution regulations, carbon/water footprint reduction and global warming

Social: Diversity, local communities and decent working conditions

Economic: Financial stability, energy demands and reduction

SUSTAINABLE SOURCING BENEFITS

The three primary benefits of sustainable sourcing practices are to manage risks, reduce costs and increase revenue. Each driver has different elements to it that motivate the business:

Manage Risks: Brand protection, supply chain disruptions, fines and litigations

Reduce Costs: Vendor rationalization, reduced administration, the total cost of ownership

Increase Revenue: Service differentiation, access to new markets, competitive advantage

SUSTAINABLE SOURCING BENEFITS

Sustainable sourcing also provides the following opportunities to businesses:

- ☑ Mitigate risks
- ☑ Increase competitiveness
- ☑ Attract new consumers
- ☑ Develop new markets
- ☑ Speed up innovation
- ☑ Predict future earnings

THE SHIFTING MINDSET ON SUSTAINABILITY

According to research in "Sustainability as a Business Strategy" from the Beyond Smart Cities learning Lab, the mindset of consumers is drastically changing when it comes to sustainability.

Consumers are now more aware and conscious of the brands they purchase from and the companies they work for, and they desire to make decisions that support sustainable enterprises.

- ☑ 67% of consumers prefer to work for socially responsible companies
- ☑ 66% of consumers will pay extra for products and services from socially responsible companies
- ☑ 52% of consumers made at least one purchase in the past six months from socially responsible companies
- ☑ 52% of consumers check product packaging to ensure sustainable impact
- ☑ 49% of consumers prefer to volunteer/donate to organizations engaged in social and environmental programs

SUSTAINABLE SOURCING BENEFITS +



Companies will also need to gauge the progress of their decarbonization efforts by tracking and tracing emissions throughout the supply chain.

Few have mastered this new skill. Fewer still have mapped their supply chain emissions using primary data—in part because suppliers rarely collect this data themselves. Sourcing teams may need to help suppliers install hardware and software to generate the emissions data they want.



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