Focus on Sustainability: A Core LSS Competency

In today's rapidly evolving business landscape, sustainability knowledge has become much more than a trend—it's now a fundamental competency for Lean Six Sigma practitioners worldwide. Organizations are increasingly seeking professionals who can seamlessly align process improvements with environmental and social responsibility goals.

This transformation represents a significant shift in how we approach LSS methodologies, moving from purely efficiency-focused improvements to solutions that balance operational excellence with planetary stewardship. As we'll explore, this integration creates powerful opportunities for organizations to achieve multiple objectives simultaneously.

by Lean 6 Sigma Hub



The Rising Importance of Sustainability

Sustainability has rapidly evolved from a nice-to-have initiative to a business imperative. Recent data reveals that 88% of consumers want companies to help them improve their environmental impact, according to 2024 Statista research. This consumer demand represents a fundamental shift in market expectations.

Simultaneously, regulatory frameworks around environmental performance are tightening globally. Investors are increasingly factoring sustainability metrics into their valuation models, recognizing that environmentally responsible companies often demonstrate better long-term resilience and reduced risk profiles.

This convergence of consumer preference, regulatory pressure, and investor scrutiny has elevated sustainability from a peripheral concern to a core strategic priority for organizations across all sectors.

Consumer Demand

Growing expectation for environmentally responsible products and services from all demographics, especially younger consumers who prioritize sustainable brands.

Regulatory Pressure

Increasing government mandates for environmental disclosures, emissions reductions, and responsible resource management across global markets.

Investor Requirements

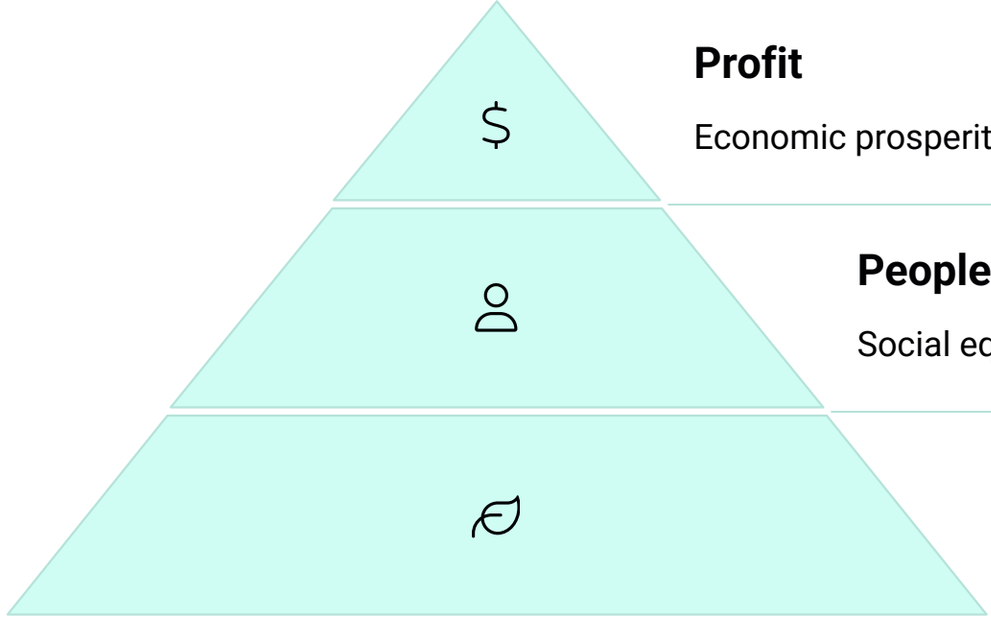
ESG (Environmental, Social, Governance) metrics now routinely factored into investment decisions, affecting company valuations and access to capital.

The Triple Bottom Line

The concept of the Triple Bottom Line (TBL) provides a comprehensive framework for decision-making that extends beyond traditional financial metrics. This approach evaluates performance through three distinct but interconnected dimensions: People, Planet, and Profit.

Under this framework, sustainability transcends simple environmental considerations to encompass social equity and economic viability. Organizations implementing TBL thinking assess how their operations impact communities, ecological systems, and financial performance, seeking balance across all three domains.

This holistic perspective aligns naturally with Lean Six Sigma principles, which similarly seek to optimize systems by considering multiple variables simultaneously. The integration creates a powerful approach to business improvement that delivers both immediate operational benefits and long-term sustainability advantages.



Profit

Economic prosperity and business viability

People

Social equity, wellbeing, and community impact

Planet

Environmental stewardship and resource conservation

What Is Lean Six Sigma (LSS)?

Lean Six Sigma represents a powerful methodology that combines two distinct but complementary approaches to process improvement. At its core, LSS focuses on optimizing operations by systematically reducing defects and eliminating waste throughout organizational systems.

This hybrid approach integrates Lean principles—which target efficiency through waste reduction—with Six Sigma's disciplined focus on minimizing variability and ensuring consistent quality. The result is a comprehensive toolkit for delivering products and services that meet customer expectations while minimizing resource consumption.

The DMAIC framework (Define, Measure, Analyze, Improve, Control) provides the structured problem-solving approach that guides LSS projects, enabling teams to tackle complex challenges through data-driven decision making and continuous improvement cycles.

Data-Driven

Decisions based on statistical analysis rather than assumptions or opinions

Waste Elimination

Systematic identification and removal of non-value-adding activities

Customer Focus

Defining value from the perspective of end users and stakeholders

Continuous Improvement

Ongoing refinement of processes through iterative DMAIC cycles

The Symbiotic Relationship: LSS and Sustainability

Lean Six Sigma and sustainability share a fundamental alignment in their core objectives. Both disciplines fundamentally seek to reduce waste and increase efficiency throughout organizational systems. This natural compatibility creates a symbiotic relationship where improvements in one area often generate benefits in the other.

When organizations implement LSS methodologies to streamline processes and eliminate defects, they simultaneously reduce resource consumption, energy usage, and material waste—key environmental sustainability objectives. Conversely, when sustainability becomes a driving factor in improvement projects, it often reveals inefficiencies that might otherwise remain hidden.

This harmonious relationship enables organizations to pursue operational excellence and environmental responsibility as complementary rather than competing priorities, creating powerful opportunities for holistic system optimization.

Environmental Benefits

Reduced resource consumption, emissions, and waste

Economic Benefits

Lower costs, improved efficiency, competitive advantage



Operational Benefits

Streamlined processes, higher quality, reduced defects

Social Benefits

Safer workplaces, improved community relations

LSS as a Catalyst for Green Transformation

The application of Lean Six Sigma methodologies consistently delivers measurable environmental benefits, acting as a powerful catalyst for organizational green transformation. Through systematic waste elimination and process optimization, LSS initiatives naturally result in reduced material consumption, lower energy usage, and decreased emissions across operations.

Real-world evidence demonstrates the significant impact of this approach. Manufacturing facilities implementing LSS principles have achieved average reductions of 25% in landfill waste through improved material utilization and recycling programs. Similarly, service organizations have dramatically reduced paper consumption and energy usage by eliminating redundant processes.

These environmental gains often emerge as secondary benefits from projects primarily focused on operational improvement, highlighting how LSS can drive sustainability outcomes even when they aren't the primary objective.

Material Reduction

LSS tools like Value Stream Mapping identify opportunities to minimize material inputs and outputs, reducing both procurement costs and waste disposal expenses.

Energy Efficiency

Process optimization eliminates unnecessary equipment operation and improves production scheduling, resulting in significant energy savings.

Transportation Optimization

LSS logistics improvements reduce transportation requirements, decreasing fuel consumption and associated carbon emissions while improving delivery performance.

Mapping Sustainability onto LSS: Core Concepts

Successfully integrating sustainability objectives into Lean Six Sigma practice requires the strategic adaptation of core LSS tools. Value stream mapping, traditionally used to identify operational waste, can be expanded to pinpoint environmental impact points throughout processes, revealing opportunities for ecological improvement that might otherwise remain hidden.

This integration extends to performance measurement as well. Forward-thinking organizations are now developing integrated dashboards that place sustainability metrics alongside traditional KPIs like cycle time and defect rates. This visibility ensures environmental considerations receive equal attention during improvement activities.

By incorporating sustainability thinking into fundamental LSS practices, organizations create a systematic approach to improvement that addresses both operational and environmental objectives simultaneously, maximizing the impact of their continuous improvement efforts.



Identify

Map processes to locate environmental hotspots and sustainability opportunities



Measure

Establish baseline metrics for resource consumption, emissions, and waste generation



Improve

Implement process changes that enhance both operational and environmental performance



Control

Monitor integrated KPIs to sustain and further enhance improvements over time

Business Drivers for Sustainable LSS

The integration of sustainability principles into Lean Six Sigma initiatives delivers compelling business benefits that extend far beyond environmental stewardship. Resource efficiency improvements directly translate to measurable cost savings across energy, water, and material inputs—often delivering ROI that exceeds traditional LSS projects.

Risk reduction represents another significant driver. As environmental regulations continue to evolve globally, organizations with sustainable operations face fewer compliance challenges and potential penalties. Additionally, businesses with strong sustainability credentials often enjoy enhanced brand reputation and customer loyalty.

These tangible business advantages make sustainability-focused LSS projects increasingly attractive to executive leadership, securing the organizational support necessary for successful implementation and long-term commitment to sustainable operations.

30%

Average Cost Reduction

Typical savings from integrated LSS sustainability projects focused on resource efficiency

65%

Risk Reduction

Decreased regulatory and reputational risk exposure through proactive sustainability management

40%

Brand Value Increase

Enhanced brand perception among environmentally conscious consumers and stakeholders

Social Responsibility and LSS

The social dimension of sustainability provides another powerful integration point with Lean Six Sigma principles. LSS methodologies naturally promote workplace improvements that enhance employee safety, reduce ergonomic strain, and create more satisfying work environments—all key elements of social responsibility.

Beyond internal workforce benefits, LSS principles can be extended to improve ethical sourcing practices and strengthen community relations. Process improvements that ensure supplier compliance with labor standards or reduce neighborhood noise and pollution demonstrate a comprehensive approach to social responsibility.

Organizations that explicitly incorporate these social considerations into their LSS initiatives often discover that employee engagement increases significantly. Team members feel greater alignment between their personal values and organizational priorities, leading to stronger commitment and more innovative improvement suggestions.



Enhanced Workplace Safety

LSS error-proofing and standardization techniques reduce accident potential and create more consistent safety practices across operations.



Ethical Supply Chain Management

Process controls and verification systems ensure suppliers meet labor standards and environmental requirements.



Community Impact Improvement

Reduced emissions, noise, and disruption through process optimization creates better relationships with surrounding communities.



Improved Employee Wellbeing

Ergonomic improvements and stress reduction through process standardization enhance overall work experience.

LSS Practitioner: Evolving Core Competencies

The integration of sustainability into Lean Six Sigma practice is driving significant evolution in the skill requirements for LSS practitioners. Beyond traditional process improvement expertise, organizations now seek professionals who can apply lifecycle thinking and conduct environmental impact analyses as part of their improvement toolkit.

These expanded competencies enable practitioners to identify sustainability opportunities that might be overlooked in conventional LSS projects. Understanding material flows beyond facility boundaries, quantifying environmental impacts, and recognizing social implications of process changes are becoming essential skills.

Forward-thinking certification programs are responding to this shift by incorporating sustainability modules into their curricula. Organizations increasingly value LSS professionals who can bridge operational excellence with environmental stewardship, creating more comprehensive improvement solutions.

Traditional LSS Skills

Process analysis, statistical methods, change management

Environmental Competencies

Lifecycle assessment, resource efficiency analysis

Social Impact Awareness

Stakeholder mapping, ethical sourcing verification

Systems Thinking

Holistic perspective integrating all sustainability dimensions

Case Study: Green Manufacturing

A leading automotive manufacturer demonstrates the powerful impact of integrating sustainability objectives into Lean Six Sigma initiatives. Facing increasing regulatory pressure regarding volatile organic compound (VOC) emissions from their painting operations, the company launched a targeted LSS project to address both environmental concerns and operational inefficiencies.

The cross-functional team applied DMAIC methodology to analyze the painting process, identifying multiple opportunities for improvement. By optimizing paint application techniques, adjusting equipment parameters, and implementing closed-loop recycling for solvents, they achieved a remarkable 40% reduction in VOC emissions while simultaneously enhancing finish quality.

These improvements generated $2 million in annual savings through reduced material consumption, lower compliance costs, and decreased waste disposal expenses—delivering both environmental benefits and significant financial returns that exceeded initial projections.

Problem Identification

High VOC emissions and excessive paint material consumption identified as twin challenges

Process Analysis

Detailed measurement revealed inconsistent application techniques and equipment settings

Implementation

Equipment modifications and process standardization deployed across production lines

4

Results Verification

40% VOC reduction achieved with $2M annual savings and improved product quality

Embedding Sustainability in LSS Projects

Successfully integrating sustainability considerations into Lean Six Sigma initiatives requires a deliberate approach beginning with project selection and scoping. Forward-thinking organizations now include explicit sustainability objectives in their project charters, ensuring environmental and social impacts receive attention alongside traditional operational metrics.

The established DMAIC and DMADV frameworks provide effective structures for incorporating sustainability analysis. During the Measure phase, teams can baseline resource consumption and emissions alongside process performance metrics. The Analyze phase can include environmental impact assessments to identify improvement opportunities with dual benefits.

By systematically embedding sustainability considerations throughout the LSS methodology, organizations ensure that improvements deliver comprehensive value rather than simply shifting environmental impacts to different parts of the value stream.

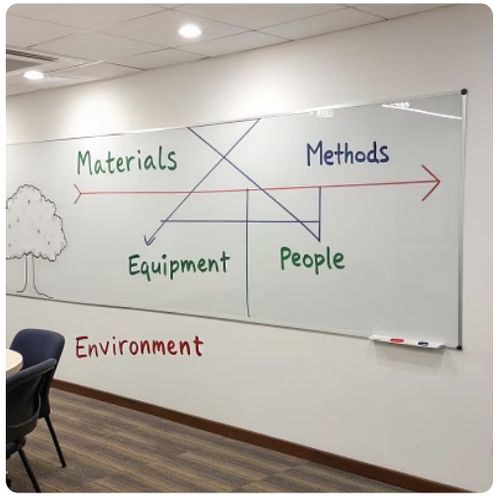
DMAIC Phase	Traditional Focus	Sustainability Integration
Define	Process boundaries, customer requirements	Environmental impacts, sustainability goals
Measure	Defect rates, cycle time	Resource consumption, emissions
Analyze	Root causes of defects	Sources of environmental waste
Improve	Process optimization solutions	Eco-efficiency enhancements
Control	Statistical process control	Environmental management systems

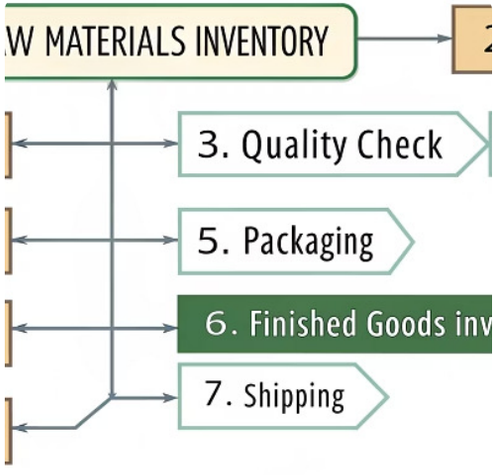
Key LSS Tools for Sustainability

The extensive toolkit of Lean Six Sigma can be effectively adapted to address sustainability challenges with minimal modification. Process mapping techniques, traditionally used to visualize operational workflows, can be expanded to track material and energy flows throughout systems, revealing resource inefficiencies that represent both environmental impacts and improvement opportunities.

Root cause analysis methods like the 5 Whys and fishbone diagrams can be adapted to include environmental categories such as energy consumption, water usage, and waste generation. This expanded perspective helps teams identify the fundamental drivers of resource inefficiency rather than addressing only symptoms.

These familiar tools, when applied with a sustainability lens, enable LSS practitioners to leverage their existing expertise while addressing environmental objectives—creating a smooth transition to more holistic improvement approaches.







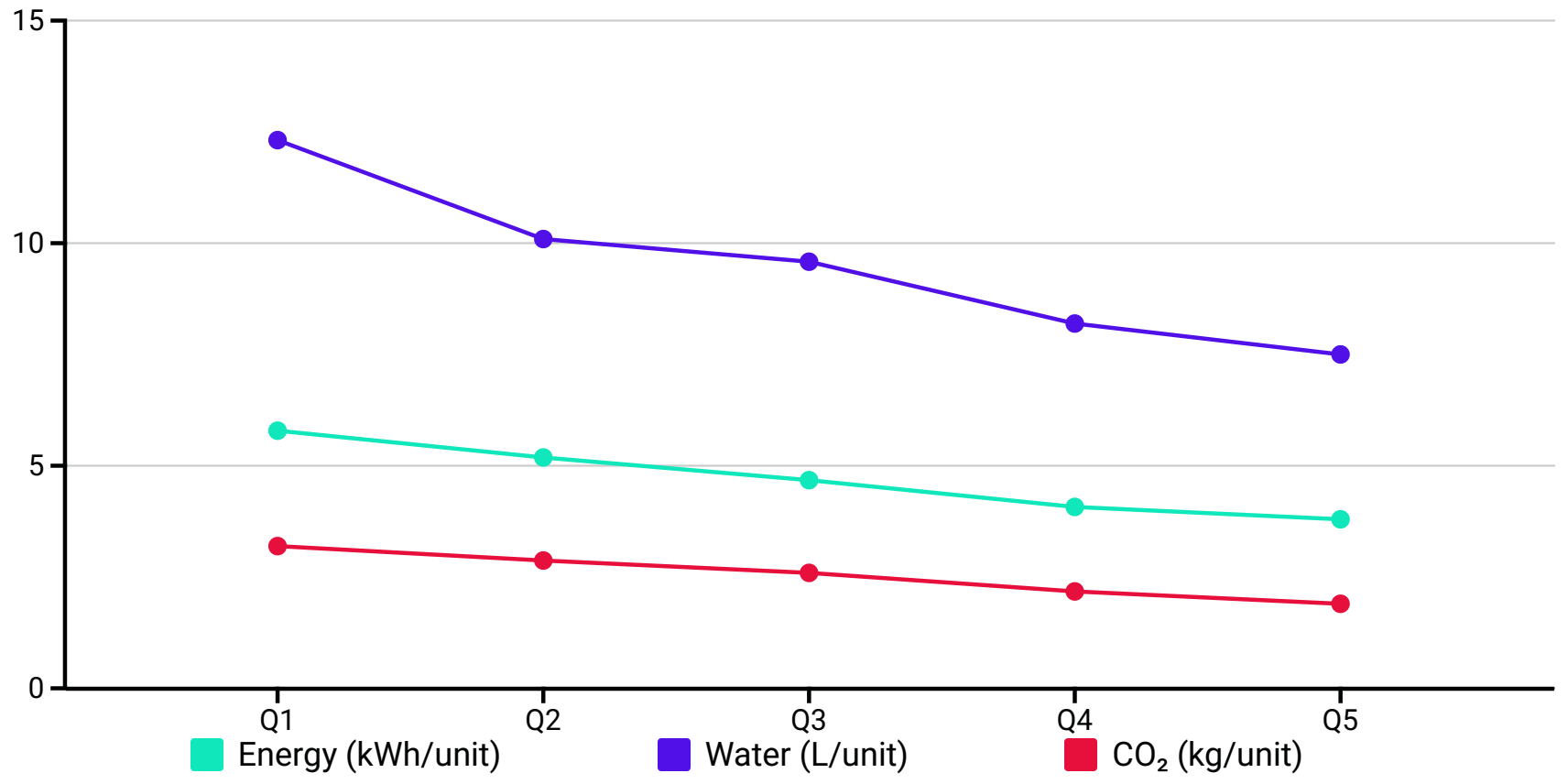


Measuring Environmental Impact with LSS

Effective measurement forms the foundation of both Lean Six Sigma and sustainability initiatives. Organizations successfully integrating these approaches develop comprehensive eco-efficiency metrics that quantify environmental performance alongside operational indicators, creating visibility for improvement opportunities and progress.

Common environmental metrics include carbon dioxide emissions per unit produced, water consumption intensity, landfill diversion rates, and hazardous material usage. These indicators can be incorporated into existing performance dashboards, ensuring sustainability remains visible in day-to-day operations management.

Continuous monitoring of these metrics through statistical process control methods provides early detection of environmental performance deviations. This data-driven approach maintains accountability while generating valuable insights for future improvement projects, creating a cycle of ongoing environmental enhancement.



Lessons from Global Leaders

Leading organizations worldwide provide valuable case studies in leveraging Lean Six Sigma for sustainability achievements. Companies like Toyota, Interface, and Unilever have successfully integrated LSS methodologies with environmental objectives, generating impressive results that demonstrate the power of this combined approach.

Toyota's legendary production system, a foundation for Lean thinking, has evolved to incorporate explicit environmental targets. Their facilities routinely report double-digit reductions in energy usage and waste generation through continuous improvement initiatives that simultaneously enhance operational performance and environmental outcomes.

Interface, the modular carpet manufacturer, used LSS tools to analyze and optimize their material flows, dramatically reducing waste to landfill while improving quality. Unilever applied similar approaches across their global operations, achieving significant water and energy savings while maintaining production targets.



Toyota Production System

Integration of kaizen practices with environmental targets reduced energy consumption by 24% per vehicle while improving production efficiency.



Unilever Sustainable Living

Process optimization through LSS tools achieved 47% reduction in water consumption across global operations while maintaining production output.

Aligning LSS with Corporate ESG Goals

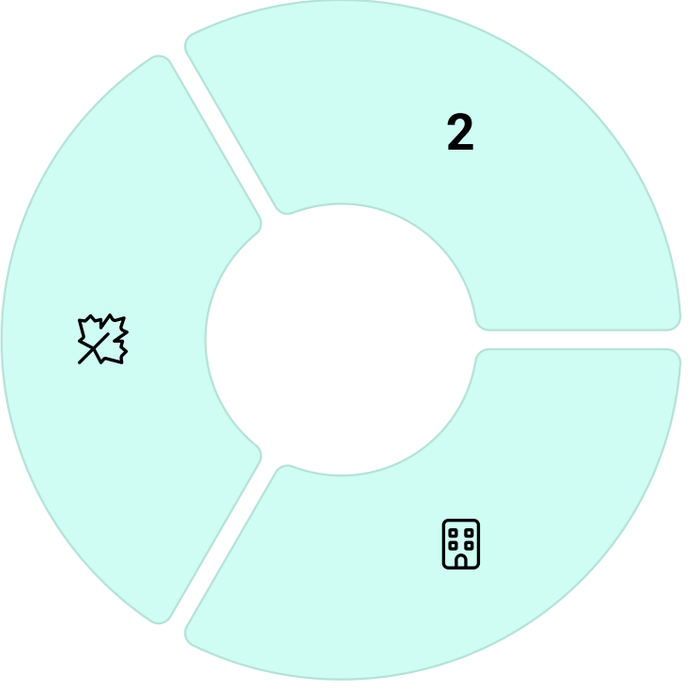
Environmental, Social, and Governance (ESG) reporting has become a critical framework for organizational accountability. Forward-thinking companies are increasingly leveraging Lean Six Sigma methodologies to support and enhance their ESG performance, creating systematic approaches to improvement rather than isolated initiatives.

LSS provides powerful tools for tracking and improving environmental metrics like carbon footprint, energy efficiency, and waste reduction—core components of the "E" in ESG. The data-driven approach ensures reliable measurement and verification of progress toward published sustainability goals.

For social and governance aspects, LSS can support ethical labor audits, supply chain transparency, and diversity initiatives through process standardization and verification. This comprehensive application demonstrates how LSS can evolve from a purely operational methodology to a framework supporting broader organizational responsibility.

Environmental

- Carbon footprint reduction
- Water conservation projects
- Waste elimination initiatives



Social

- Workplace safety improvements
- Supplier ethical compliance
- Community impact programs

Governance

- Transparent performance reporting
- Ethical business process controls
- Risk management systems

Common Pitfalls—and Overcoming Them

Organizations integrating sustainability into their Lean Six Sigma practices often encounter similar challenges that can limit effectiveness. Perhaps the most common pitfall is siloed sustainability efforts that remain disconnected from mainstream improvement activities, reducing their impact and organizational visibility.

Another frequent obstacle is inadequate measurement systems that fail to capture environmental and social impacts alongside operational metrics. Without integrated measurement, sustainability objectives may be overlooked when project priorities compete for resources and attention.

Successful organizations overcome these challenges through deliberate strategies like forming cross-functional teams that include both LSS and sustainability expertise. Top-down leadership commitment proves essential for establishing sustainability as a core value rather than a peripheral concern, ensuring it receives appropriate attention in improvement initiatives.

1 Develop Integrated Metrics

Create dashboards that combine operational, environmental, and social indicators to provide comprehensive performance visibility and prevent siloed thinking.

2 Establish Cross-Functional Teams

Include both sustainability and LSS specialists on improvement teams to ensure diverse perspectives inform solutions and implementation approaches.

3 Secure Leadership Support

Engage executive sponsorship that explicitly values sustainability outcomes alongside traditional operational metrics like cost and quality.

4 Build Comprehensive Training

Update LSS training programs to include sustainability concepts, ensuring practitioners develop the necessary skills to identify environmental improvement opportunities.

Change Management for a Sustainable Culture

Successful integration of sustainability principles into Lean Six Sigma practice requires more than technical tools—it demands cultural transformation. Organizations that achieve lasting impact recognize that employee engagement and behavior change are essential components of their sustainability journey.

Effective change management strategies include comprehensive training programs that build awareness of environmental impacts alongside process improvement methodologies. Leading companies also implement incentive systems that reward teams for achieving sustainability outcomes, reinforcing the importance of these objectives.

Embedding sustainability thinking into existing continuous improvement mechanisms like kaizen events and LSS teams creates natural integration points. When employees routinely consider environmental impact as part of their improvement mindset, sustainability becomes an organic extension of operational excellence rather than a separate initiative.

Build Awareness

Create understanding of environmental impacts and business relevance through focused communication and education programs that reach all levels of the organization.

Develop Capabilities

Enhance skills through integrated training that combines sustainability concepts with traditional LSS tools, enabling teams to identify and implement comprehensive improvements.

Reinforce Behaviors

Establish recognition systems and performance metrics that reward sustainable thinking and celebrate successes, creating visible examples of desired behaviors.

Institutionalize Practices

Integrate sustainability considerations into standard work procedures, project charters, and management reviews to ensure consistent application across the organization.

LSS and Circular Economy Principles

The circular economy represents a transformative model that aims to eliminate waste by designing products and processes for continuous material reuse. This approach aligns naturally with Lean Six Sigma principles, which similarly seek to eliminate waste throughout organizational systems.

Forward-thinking organizations are leveraging LSS methodologies to redesign processes for reuse, remanufacturing, and recycling—core circular economy strategies. Value stream mapping helps identify material loops that can be closed, while root cause analysis pinpoints barriers to effective material recovery and reuse.

A leading electronics producer demonstrates this integration through their closed-loop recycling program. Using LSS techniques, they analyzed their product lifecycle and implemented systems to recover and reprocess materials from end-of-life products, simultaneously reducing costs and environmental impact.

Recycling

Converting waste into reusable materials

Manufacturing

Creating products with recovered materials



Collection

Recovering products after use

Distribution

Delivering products to customers

Leveraging Technology for Sustainable LSS

Emerging technologies are creating powerful new capabilities for integrating sustainability into Lean Six Sigma initiatives. Internet of Things (IoT) sensors enable real-time monitoring of resource consumption throughout processes, providing unprecedented visibility into energy, water, and material usage patterns.

This granular data collection creates opportunities for advanced analytics applications that can identify subtle patterns and improvement opportunities that might be missed through traditional sampling approaches. Machine learning algorithms can process this complex data to suggest optimization strategies that balance multiple objectives simultaneously.

Digital twins—virtual representations of physical processes—allow teams to simulate improvement scenarios and predict their environmental impacts before implementation, reducing risk and increasing confidence in sustainability-focused changes. These technological advances are transforming how organizations identify and prioritize improvement opportunities.



IoT Sensors

Real-time monitoring of energy, water, and material flows throughout processes, enabling precise identification of efficiency opportunities.



Advanced Analytics

Sophisticated data processing algorithms that reveal patterns and improvement opportunities across complex operational systems.



Digital Twins

Virtual process simulations that enable teams to test improvement scenarios and predict environmental impacts before physical implementation.



Mobile Applications

Field tools that enable real-time data collection and process verification, supporting consistent sustainability practice implementation.

Building the Sustainable LSS Skillset

As sustainability becomes increasingly integrated with Lean Six Sigma practice, practitioners must develop new competencies to remain effective. Leading certification programs are responding to this evolution by incorporating environmental modules into their Green Belt and Black Belt training curricula, ensuring graduates possess the necessary skills.

These enhanced training programs typically cover fundamental concepts like lifecycle assessment, environmental impact analysis, and resource efficiency. They also teach practical applications of traditional LSS tools to sustainability challenges, enabling practitioners to address environmental objectives through familiar methodologies.

Many organizations are also establishing partnerships between LSS professionals and sustainability specialists to facilitate knowledge transfer and upskilling. These collaborative relationships create opportunities for mutual learning, with sustainability experts gaining process improvement techniques while LSS practitioners develop environmental expertise.

Traditional LSS Skills

- Process mapping and analysis
- Statistical methods and data analysis
- Root cause identification techniques
- Change management approaches
- Project management methodologies

Emerging Sustainability Competencies

- Lifecycle assessment methodology
- Carbon footprint calculation
- Resource efficiency analysis
- Environmental impact evaluation
- Circular economy principles

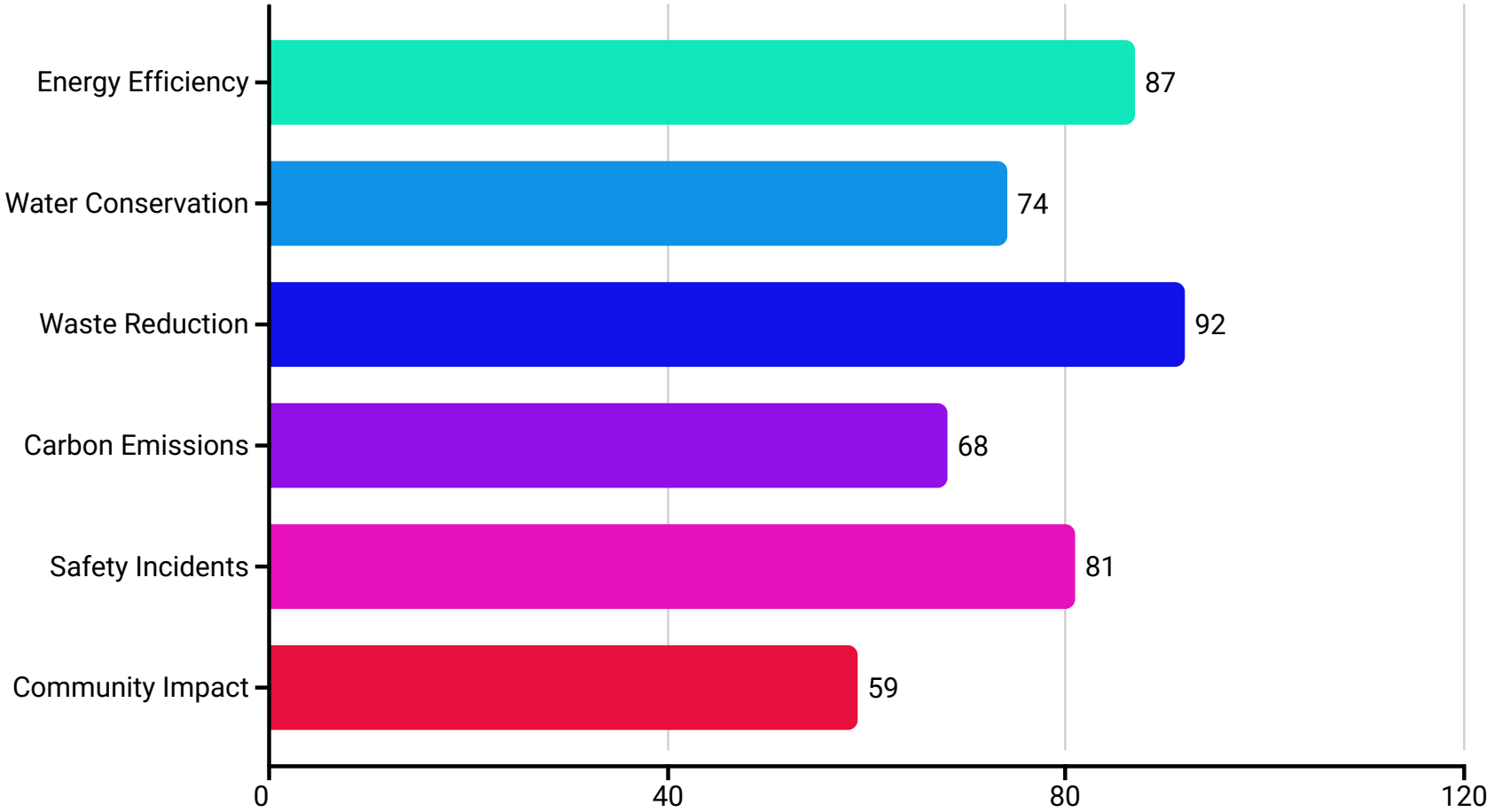


Sustainability Metrics: What to Track

Effective measurement forms the foundation of both successful LSS initiatives and sustainability programs. Organizations integrating these approaches must develop comprehensive metrics that capture environmental and social performance alongside traditional operational indicators, creating visibility for improvement opportunities.

Key environmental metrics typically include energy, water, and material consumption per unit of production, along with emissions and waste generation rates. These intensity-based measures enable meaningful comparison across different production volumes and organizational scales, supporting benchmarking and improvement tracking.

Social progress indicators complement these environmental measures, capturing dimensions like safety incidents, community benefit initiatives, and employee wellbeing. These metrics help ensure that improvement initiatives deliver comprehensive sustainability benefits rather than shifting impacts between environmental and social domains.



Future Trends: LSS and Sustainability

The integration of Lean Six Sigma and sustainability is rapidly evolving, with several emerging trends poised to shape future practice. Perhaps most significant is the accelerating integration of circular economy principles into LSS methodologies, as organizations seek to eliminate waste by design rather than through incremental process improvements.

Regulatory developments are also driving evolution, with mandatory climate risk disclosures becoming standard in many jurisdictions. These requirements are elevating sustainability from a voluntary initiative to a core compliance obligation, increasing the importance of rigorous measurement and verification methodologies like those found in LSS.

Digital transformation represents another powerful trend, with advanced technologies enabling unprecedented visibility into resource flows and environmental impacts. These capabilities are creating opportunities for more sophisticated improvement approaches that optimize across multiple sustainability dimensions simultaneously.

Circular Economy Integration

Designing products and processes for continuous material reuse and regeneration

Regulatory Compliance Focus

Mandatory environmental disclosures driving more rigorous measurement

Digital Transformation

IoT and analytics enabling real-time sustainability performance monitoring

Supply Chain Expansion

Extended scope including supplier practices and product lifecycle impacts

Your Next Steps: Practitioner Action Plan

For Lean Six Sigma practitioners seeking to integrate sustainability into their practice, a structured approach can accelerate progress and demonstrate value. Begin by assessing your current project portfolio through a sustainability lens, identifying opportunities where environmental and social considerations could enhance already planned initiatives.

This integration approach often proves more effective than launching separate sustainability projects, as it leverages existing momentum and demonstrates how environmental objectives can complement traditional operational goals. Look specifically for projects focused on waste reduction, material usage, or energy consumption, as these naturally align with environmental sustainability.

Consider proposing a focused pilot initiative specifically targeting eco-efficiency improvement. This demonstration project can serve as a learning laboratory for integrated approaches while delivering measurable environmental and operational benefits that build organizational support for expanded sustainability efforts.

Assess Current State

- Review existing projects for sustainability potential
- Evaluate team capabilities and knowledge gaps
- Identify organizational sustainability priorities

Develop Integration Strategy

- Select pilot projects with dual-benefit potential
- Establish integrated measurement systems
- Build cross-functional partnerships

Implement and Learn

- Execute pilot initiatives with sustainability focus
- Document outcomes and lessons learned
- Refine approach based on experience

Scale and Institutionalize

- Expand successful approaches across portfolio
- Formalize integration in standard methodologies
- Build organizational capabilities

Conclusion: The Sustainable LSS Advantage

The integration of sustainability principles with Lean Six Sigma methodology creates a powerful framework for organizational improvement that delivers multiple dimensions of value. As we've explored throughout this presentation, LSS provides systematic approaches for driving both operational excellence and environmental responsibility, creating solutions that benefit business performance, ecological systems, and social wellbeing.

This integration represents more than a passing trend—it reflects a fundamental evolution in how organizations approach continuous improvement in response to changing global priorities. Practitioners equipped to bridge operational and sustainability objectives will find themselves increasingly valued as organizations seek comprehensive solutions to complex challenges.

By developing these integrated capabilities, LSS professionals position themselves at the forefront of organizational transformation, ready to lead initiatives that create sustainable value in its broadest sense. The future belongs to those who can deliver improvements that optimize across all dimensions of the triple bottom line.









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Hands-On Learning

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