Training course on Sustainable Property Management and Operations

Professional Development Training Course Outline

Category	Real Estate Institute	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The effective management and operation of existing real estate assets represent a critical, yet often underestimated, lever in the global transition towards a sustainable built environment. While green design and construction lay the foundation, it is through the daily practices of property management and operations that true, long-term sustainability is achieved, delivering significant environmental, social, and economic benefits. Sustainable property management moves beyond mere regulatory compliance, embracing strategies that optimize resource consumption (energy, water), minimize waste, enhance indoor environmental quality, and foster positive relationships with occupants and communities. Training Course on Sustainable Property Management and Operations is meticulously designed to equip with the expert knowledge and practical methodologies to integrate sustainable practices across all facets of property operations. This specialized program focuses on strategic energy management, water conservation, waste reduction and circularity, indoor environmental quality optimization, green procurement, smart building technologies, and effective stakeholder engagement, blending in-depth understanding of building systems, operational best practices, performance measurement, and relevant green building certifications (e.g., LEED O+M, EDGE), and the leveraging of real-world case studies and financial analyses to drive unparalleled operational efficiency, environmental stewardship, and sustained profitability for real estate portfolios in Kenya and globally. This comprehensive 5-day program delves into nuanced methodologies for conducting detailed sustainability audits and developing strategic action plans for existing properties, mastering advanced techniques for optimizing building systems (HVAC, lighting, plumbing) for maximum resource efficiency, and exploring cutting-edge approaches to implementing comprehensive waste management and recycling programs, integrating smart building technologies for real-time performance monitoring, and fostering a collaborative culture of sustainability among tenants and service providers.5 A significant focus will be placed on understanding the interplay of various sustainable operational strategies with different building typologies (commercial, residential, mixed-use), the specific challenges and opportunities in the Kenyan context (e.g., local waste streams, grid stability, potential for decentralized solutions, and local supply chains for green products), and the practical application of these solutions to address local needs like urban resilience and resource scarcity. By integrating global industry best practices in green property management, analyzing **real-world examples of successful sustainable

operational initiatives in real estate (including pioneering efforts in Nairobi's green-certified buildings and smart commercial spaces), and engaging in intensive hands-on energy and water audit simulations, waste stream analysis exercises, green procurement strategy development, occupant engagement planning, and expert-led discussions on performance monitoring, reporting, and value creation, attendees will develop the strategic acumen to confidently lead the transformation of building operations, fostering unparalleled operational efficiency, environmental leadership, occupant satisfaction, and long-term asset resilience, thereby securing their position as indispensable leaders in shaping a high-performing and sustainable future for managed properties.

Programme Curriculum

Training Course on Sustainable Property Management and Operations

Introduction:

The effective management and operation of existing real estate assets represent a critical, yet often underestimated, lever in the global transition towards a sustainable built environment. While green design and construction lay the foundation, **it is through the daily practices of property management and operations that true, long-term sustainability is achieved, delivering significant environmental, social, and economic benefits.** Sustainable property management moves beyond mere regulatory compliance, embracing strategies that optimize resource consumption (energy, water), minimize waste, enhance indoor environmental quality, and foster positive relationships with occupants and communities. Training Course on Sustainable Property Management and Operations is meticulously designed to equip with the expert knowledge and practical methodologies to **integrate sustainable practices across all facets of property operations.** This specialized program focuses on **strategic energy management, water conservation, waste reduction and circularity, indoor environmental quality optimization, green procurement, smart building technologies, and effective stakeholder engagement,** blending **in-depth understanding of building systems, operational best practices, performance measurement, and relevant green building certifications (e.g., LEED O+M, EDGE),** and the leveraging of **real-world case studies and financial analyses** to drive unparalleled operational efficiency, environmental stewardship, and sustained profitability for real estate portfolios in Kenya and globally.

This comprehensive 5-day program delves into **nuanced methodologies** for **conducting detailed sustainability audits and developing strategic action plans for existing properties,** mastering **advanced techniques for optimizing building systems (HVAC, lighting, plumbing) for maximum resource efficiency,** and exploring **cutting-edge approaches** to **implementing comprehensive waste management and recycling programs, integrating smart building technologies for real-time performance monitoring, and fostering a collaborative culture of sustainability among tenants and service providers.**[5] A significant focus will be placed on understanding the interplay of **various sustainable operational strategies with different building typologies (commercial, residential, mixed-use), the specific challenges and opportunities in the Kenyan context (e.g., local waste streams, grid stability, potential for decentralized solutions, and local supply chains for green products), and the practical application of these solutions to address local needs like urban resilience and resource scarcity.** By integrating **global industry best practices in green property management,** analyzing **real-world examples of successful sustainable operational initiatives in real estate (including pioneering efforts in Nairobi's green-certified buildings and smart commercial spaces), and engaging in intensive hands-on **energy and water audit simulations, waste stream**

analysis exercises, green procurement strategy development, occupant engagement planning, and expert-led discussions on performance monitoring, reporting, and value creation, attendees will develop the **strategic acumen** to confidently lead the transformation of building operations, fostering unparalleled **operational efficiency, environmental leadership, occupant satisfaction, and long-term asset resilience**, thereby securing their position as indispensable leaders in **shaping a high-performing and sustainable future for managed properties.**

Course Objectives:

Upon completion of this course, participants will be able to:

1. **Analyze core principles and strategic responsibilities** of **sustainable property management** in optimizing asset performance and value.
2. **Master sophisticated techniques** for **conducting comprehensive sustainability audits** and establishing baselines for managed properties.
3. **Develop robust strategies** for **implementing energy efficiency measures** and reducing the operational carbon footprint of buildings.
4. **Implement effective solutions** for **optimizing water consumption** through efficient fixtures, landscaping, and alternative sources.
5. **Manage complex waste streams** by developing robust waste reduction, recycling, and composting programs.
6. **Apply robust strategies** for **enhancing Indoor Environmental Quality (IEQ)** for improved occupant health, comfort, and productivity.
7. **Understand the deep integration of green procurement principles** for services, materials, and consumables in property operations.
8. **Leverage knowledge of smart building technologies and data analytics** to monitor, control, and optimize sustainable operations.
9. **Optimize strategies for effective tenant and occupant engagement** in fostering sustainable behaviors and practices.
10. **Formulate specialized sustainable operational plans** for **different real estate asset classes** and local market conditions (e.g., Nairobi).
11. **Conduct comprehensive assessments** of existing operational practices to identify opportunities for continuous improvement and innovation.
12. **Navigate challenging situations** such as **balancing sustainability goals with budget constraints, managing vendor relationships for green services, and securing buy-in from diverse stakeholders.**
13. **Develop a holistic, practical, and forward-looking approach** to **sustainable property management and operations, with a focus on delivering value and impact in Kenya and globally.**

Target Audience:

This course is designed for professionals interested in Sustainable Property Management and Operations:

1. **Property Managers:** Seeking to integrate and oversee sustainable practices in managed properties.
2. **Facility Managers:** Responsible for optimizing the environmental and operational performance of buildings.
3. **Asset Managers:** Focusing on how sustainable operations enhance asset value, mitigate risk, and attract investment.
4. **Building Owners & Landlords:** Aiming to reduce operating costs, increase tenant satisfaction, and future-proof their investments.

5. **Operations & Maintenance Teams:** Directly involved in implementing and monitoring sustainability initiatives.
6. **Sustainability Consultants:** Specializing in operational sustainability and green building certifications for existing buildings.
7. **Real Estate Investment Professionals:** Evaluating the operational sustainability performance of potential acquisitions.
8. **Green Building Certification Professionals:** Deepening knowledge of O+M aspects for LEED, EDGE, etc.

Course Duration: 5 Days

Course Modules:

- **Module 1: Foundations of Sustainable Property Management**
  - **Defining Operational Sustainability**: Key principles and benefits (environmental, economic, social) for managed properties.
  - **Drivers for Sustainable Operations**: Regulatory compliance (e.g., Nairobi's green building push), tenant demand, investor expectations, cost savings.
  - **The Lifecycle Approach**: Understanding the importance of operations in a building's overall environmental impact.
  - **Key Performance Indicators (KPIs)**: Essential metrics for measuring and tracking sustainable operational performance.
  - **Challenges and Opportunities in Kenya**: Navigating local context, resource availability, and policy landscape for sustainable operations.
- **Module 2: Energy Efficiency and Carbon Management in Operations**
  - **Energy Auditing & Optimization**: Conducting Level 1, 2, and 3 energy audits for existing buildings, identifying savings opportunities.
  - **HVAC System Optimization**: Strategies for efficient heating, ventilation, and air conditioning, including smart controls and preventive maintenance.
  - **Lighting & Plug Load Management**: Upgrading to LED, sensor-based controls, and managing phantom loads from equipment.
  - **Renewable Energy Integration**: Assessing feasibility and implementing on-site solar PV, thermal, or off-site renewable energy procurement.
  - **Operational Carbon Footprint Reduction**: Calculating Scope 1 & 2 emissions from operations and developing decarbonization pathways.
- **Module 3: Water Efficiency and Management in Operations**
  - **Water Consumption Audits**: Identifying major water use points (restrooms, irrigation, cooling towers) and leak detection strategies.
  - **Efficient Fixtures & Appliances**: Implementing low-flow toilets, urinals, faucets, showerheads, and water-efficient equipment.
  - **Smart Irrigation & Landscaping**: Using native, drought-tolerant plants (xeriscaping) and smart controllers for outdoor water savings.
  - **Alternative Water Sources**: Managing rainwater harvesting and greywater recycling systems for non-potable uses.
  - **Operational Water Quality**: Ensuring proper treatment and management of recycled water to maintain health standards.
- **Module 4: Waste Management and Circularity in Operations**
  - **Waste Auditing & Diversion Targets**: Analyzing waste streams and setting ambitious goals for landfill diversion.

    - **Comprehensive Recycling Programs**: Implementing robust recycling for paper, plastics, glass, metals, and e-waste.
    - **Organic Waste Management**: Establishing composting programs for food waste and landscaping debris.
    - **Tenant & Staff Engagement**: Educating and motivating occupants to participate in waste reduction and sorting efforts.
    - **Construction & Demolition Waste (C&D)**: Strategies for managing C&D waste from tenant fit-outs and minor renovations during operations.
- **Module 5: Indoor Environmental Quality (IEQ) & Occupant Well-being**
    - **IAQ Management**: Optimizing ventilation, filtration (e.g., MERV ratings), moisture control, and preventing mold.
    - **Healthy Cleaning & Maintenance**: Specifying green cleaning products and practices, integrated pest management.
    - **Material Health in Operations**: Choosing low-VOC paints, adhesives, furnishings, and maintenance materials for renovations.
    - **Thermal, Visual, and Acoustic Comfort**: Operational strategies to maintain optimal occupant comfort.
    - **Occupant Surveys & Feedback**: Utilizing surveys (e.g., WELL's occupant experience surveys) to gauge satisfaction and identify IEQ issues.
- **Module 6: Green Procurement & Sustainable Supply Chains**
    - **Developing Green Procurement Policies**: Integrating environmental and social criteria into purchasing decisions for goods and services.
    - **Sustainable Cleaning & Landscaping Services**: Selecting vendors committed to eco-friendly practices and products.
    - **Energy & Water Contracts**: Negotiating favorable terms with green energy providers and understanding utility incentives.
    - **Waste Management Contracts**: Partnering with reputable recyclers and waste haulers with high diversion rates.
    - **Sustainable Materials & Equipment**: Sourcing durable, recycled-content, and energy-efficient operational materials and equipment.
- **Module 7: Smart Building Technologies & Performance Reporting**
    - **Building Management Systems (BMS) / BAS**: Leveraging advanced controls for integrated optimization of energy, water, and IEQ.
    - **IoT Sensors & Data Analytics**: Utilizing real-time data from sensors for performance monitoring, predictive maintenance, and fault detection.
    - **Energy & Water Dashboards**: Creating user-friendly dashboards for tracking consumption, identifying trends, and communicating performance.
    - **Green Building Certifications for Operations**: Understanding and pursuing certifications like LEED O+M, EDGE, BREEAM In-Use for existing buildings.
    - **ESG Reporting for Operations**: Integrating operational sustainability data into broader corporate and fund-level ESG reports (e.g., GRESB, NSE ESG Disclosure).
- **Module 8: Strategic Implementation & Continuous Improvement**
    - **Developing a Sustainable Operations Plan**: Crafting a comprehensive roadmap with goals, actions, responsibilities, and timelines.
    - **Financial Analysis & ROI**: Quantifying the economic benefits (cost savings, increased value) of sustainable operational upgrades.
    - **Securing Buy-in & Collaboration**: Engaging building owners, tenants, staff, and contractors to ensure successful implementation.

- **Risk Management & Resilience**: Addressing operational risks related to climate change, resource scarcity, and regulatory changes.
- **Future Trends & Innovation**: Exploring emerging technologies and best practices in sustainable property management and operations, with a focus on adoption in the Kenyan context.

Training Methodology

- **Interactive Workshops:** Facilitated discussions, group exercises, and problem-solving activities.
- **Case Studies:** Real-world examples to illustrate successful community-based surveillance practices.
- **Role-Playing and Simulations:** Practice engaging communities in surveillance activities.
- **Expert Presentations:** Insights from experienced public health professionals and community leaders.
- **Group Projects:** Collaborative development of community surveillance plans.
- **Action Planning:** Development of personalized action plans for implementing community-based surveillance.
- **Digital Tools and Resources:** Util

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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