Sustainable Healthcare and Green Hospital Management Training Course



26 - 30 Oct 2026

Cape town

4600 € (Per Person)

Ref: #HSM4495_276442

Course Introduction / Overview:

The global healthcare sector is at a critical juncture, facing the dual challenge of providing high-quality patient care while mitigating its significant environmental impact. This intensive training course is meticulously designed to equip healthcare professionals with the knowledge and tools to lead the transition towards sustainable healthcare and green hospital management. It addresses the urgent need for environmentally responsible practices, from reducing the carbon footprint of facilities to implementing a circular economy in the supply chain. Drawing on the principles outlined by leading experts like Dr. Jodi Sherman of Yale, a pioneer in healthcare sustainability, this program delves into practical strategies for energy efficiency, waste reduction, and sustainable procurement. Participants will explore concepts from seminal works such as "Greening Health Care: How Hospitals Can Heal the Planet," learning to integrate environmental stewardship into every facet of healthcare operation. BIG BEN Training Center has developed this curriculum to transform healthcare facilities into models of ecological responsibility and community well-being, ensuring they are resilient and prepared for future environmental and regulatory challenges. This course provides a comprehensive roadmap for creating healthier environments for patients, staff, and the wider community through sustainable innovation.

Target Audience / This training course is suitable for:

- Hospital Administrators and C-Suite Executives.
- Healthcare Facility Managers and Engineers.
- Clinical Department Heads and Lead Physicians.
- Sustainability Officers and Environmental Managers.
- Supply Chain and Procurement Directors.
- Quality Improvement and Patient Safety Officers.
- Public Health Officials and Policymakers.
- Healthcare Architects and Planners.
- Finance and Investment Managers in the healthcare sector.

Target Sectors and Industries:

- Hospitals and Medical Centers.
- Outpatient Clinics and Ambulatory Care Centers.
- Long-Term Care and Rehabilitation Facilities.
- Medical and Diagnostic Laboratories.
- Pharmaceutical and Medical Device Manufacturing.
- Healthcare Consulting and Management Firms.
- Governmental Health Agencies and Ministries of Health.
- Non-Governmental Organizations focused on health and environment.
- Health Insurance Providers.

Target Organizations Departments:

- Executive Leadership and Administration.
- Facilities Management and Operations.
- Procurement and Supply Chain Management.
- Clinical Services (e.g., Surgery, Anesthesiology, Nursing).
- Environmental Health and Safety (EHS).
- Finance and Accounting.
- Quality Assurance and Risk Management.
- Strategic Planning and Development.
- Corporate Social Responsibility (CSR).

Course Offerings:

By the end of this course, the participants will have able to:

- Develop a comprehensive sustainability strategy for a healthcare organization.
- Conduct energy and water audits to identify conservation opportunities.
- Implement effective waste segregation and reduction programs, including medical waste.
- Analyze and optimize the healthcare supply chain for sustainability.
- Evaluate the financial case for green initiatives and secure funding.
- Lead the development of a green building design for new or retrofitted facilities.
- Integrate sustainable practices into clinical workflows without compromising patient care.
- Establish key performance indicators (KPIs) to measure and report on sustainability performance.
- Foster a culture of environmental stewardship among staff and stakeholders.
- Navigate environmental regulations and standards relevant to the healthcare industry.

Course Methodology:

This training course employs a dynamic and interactive learning methodology designed for maximum engagement and practical application. At BIG BEN Training Center, we believe in learning by doing. The program is structured around a blend of expert-led presentations, in-depth case study analyses of successful green hospitals, and collaborative group workshops. Participants will engage in hands-on exercises, such as calculating a facility's carbon footprint and designing a waste reduction initiative. Interactive sessions will encourage peer-to-peer learning and the sharing of diverse experiences and challenges. The methodology emphasizes a problem-solving approach, where participants work on real-world scenarios to develop strategic solutions for their own organizations. Facilitated discussions, practical simulations, and action planning sessions ensure that theoretical knowledge is translated into actionable skills. Continuous feedback from the instructor and peers is a core component, empowering participants to refine their strategies and confidently lead sustainability transformations within their healthcare environments upon completion of the course.

Course Agenda (Course Units):

Unit One: Foundations of Sustainable Healthcare

- Introduction to the environmental impact of the healthcare sector.
- The triple bottom line in healthcare: people, planet, and profit.
- Global sustainability goals and their relevance to health systems.
- Key terminology: green hospitals, circular economy, and carbon footprint.
- Regulatory frameworks and environmental compliance in healthcare.
- The role of leadership in driving the sustainability agenda.
- Case study analysis of a pioneering sustainable hospital.

Unit Two: Green Infrastructure and Facility Management

- Principles of sustainable hospital design and green building standards (LEED, BREEAM).
- Conducting energy audits and implementing energy efficiency measures.
- Renewable energy solutions for healthcare facilities.
- Water conservation strategies and wastewater management.
- Sustainable site management and promoting biodiversity.
- Indoor environmental quality for patient and staff well-being.
- Developing a sustainable facility management plan.

Unit Three: Sustainable Operations and Supply Chain

- Green procurement strategies for medical supplies and equipment.
- Analyzing the lifecycle of medical products.
- Reducing pharmaceutical and chemical waste.
- Implementing comprehensive recycling and waste segregation programs.
- Sustainable food services and nutritional programs in hospitals.
- Greening the healthcare supply chain from manufacturing to disposal.
- Engaging suppliers and vendors in sustainability initiatives.

Unit Four: Integrating Sustainability into Clinical Practice

- Identifying environmental hotspots in clinical pathways.
- Sustainable practices in operating rooms and anesthesiology.
- Reducing single-use plastics in patient care.
- Promoting responsible antibiotic stewardship and its environmental link.
- Patient and staff education on sustainable health practices.
- The intersection of patient safety, quality of care, and sustainability.
- Developing green teams and champions within clinical departments.

Unit Five: Strategy, Finance, and Future Trends

- Building the business case for sustainability in healthcare.
- Financing green projects and accessing grants.
- Developing, implementing, and monitoring a sustainability management system.
- Key performance indicators (KPIs) and sustainability reporting (GRI standards).
- Climate change resilience and disaster preparedness for healthcare facilities.
- Innovation and technology in sustainable healthcare.
- Creating a long-term action plan for your organization.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

How can healthcare organizations effectively balance the upfront financial investment required for green infrastructure with the long-term operational savings and public health benefits?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself through its holistic and pragmatic approach, moving beyond theoretical concepts to provide a strategic and operational roadmap for implementation. Unlike programs that focus on a single aspect of sustainability, this curriculum integrates facility management, clinical practice, supply chain logistics, and executive leadership into a unified framework. It emphasizes the critical financial and business case for green initiatives, equipping participants with the skills to demonstrate return on investment and secure buy-in from key stakeholders. The content is deeply rooted in real-world applications, featuring case studies of diverse healthcare systems that have successfully navigated the transition to sustainability. Furthermore, the course addresses the crucial link between environmental health and public health, framing sustainability not just as a corporate responsibility but as a core component of preventative care and community well-being. Participants will leave not only with knowledge but with a customized action plan, ready to lead tangible and impactful change within their organizations.