CORE CONCEPT

Hotel Sustainability and ESG Management Course: Carbon, Energy Efficiency and Waste

7 – 11 December 2026
Dubai - Five-star CBD venue

Hotel Sustainability and ESG Management Course: Carbon, Energy Efficiency and Waste

Ref: 2177_31089 **Date:** 7 – 11 December 2026 **Location:** Dubai - Five-star CBD venue **Fees:** 19500 SAR

Introduction:

Sustainable hospitality management, covering ESG, energy efficiency and responsible tourism, is a 1-week course for hotel sustainability, engineering and operations managers and general managers, ending with a Hotel Sustainability Action Plan with a carbon and water baseline for a case property. Owners, lenders and guests ask hotels for ESG data, yet many properties cannot measure energy, water and waste or show planned reductions. Nominees already run hotel operations or engineering, and teaching is by modelling build on utility, waste and occupancy data. CoreConcept Training Center delivers this sustainable hospitality course.

Course Objectives:

- Identify ESG expectations and material sustainability priorities for a hotel or resort
- Calculate hotel carbon and water footprints using HCMI and HWMI methodologies and intensity metrics
- Select energy efficiency, water and waste reduction measures and rank them by savings and payback
- Set sustainable procurement, community benefit and guest engagement practices for responsible tourism
- Prepare ESG data and sustainability reporting for owners, brands and certification audits
- Produce a Hotel Sustainability Action Plan with a carbon and water baseline for a case property

Target Audience:

- Hotel sustainability and ESG managers responsible for measuring and reporting environmental performance
- Engineering and facilities managers responsible for energy, water and building systems
- Operations and department managers responsible for waste, food waste and daily resource use
- General and resident managers responsible for sustainability targets and owner reporting
- Resort and destination managers responsible for community relations and responsible tourism practices

Course Outline:

Day 1: Sustainable Hospitality and ESG Foundations

- ESG Expectations From Hotel Owners, Lenders and Brands
- Environmental and Social Impacts Across Hotel Operations
- Hotel Sustainability Basics Criteria as a Starting Point
- Materiality Assessment of Hotel Sustainability Priorities
- Current Sustainability Baseline Review for a Hotel

Day 2: Measurement Methodologies for Carbon, Energy and Water

- Hotel Carbon Measurement Initiative Scope and Calculation Steps
- Greenhouse Gas Protocol Scopes Applied to Hotel Emissions
- Hotel Water Measurement Initiative Data and Intensity Metrics
- Energy and Water Intensity per Occupied Room
- Utility Data Collection, Sub-Metering and Data Quality Checks

Day 3: Energy Efficiency, Water and Waste Reduction

- HVAC, Lighting and Building Controls Efficiency Measures
- Energy Saving Opportunity Register With Payback Estimates
- Water Reduction Measures in Rooms, Laundry and Landscaping
- Food Waste Measurement and Reduction in Kitchens and Buffets
- Single-Use Plastics Phase-Out and Waste Segregation Plans

Day 4: Responsible Tourism, Procurement and ESG Reporting

- Sustainable Procurement Criteria for Hotel Suppliers
- Local Community Benefit and Responsible Tourism Practices
- Guest and Staff Engagement in Sustainability Initiatives
- Sustainability Certification Options and Audit Readiness for Hotels
- ESG Reporting to Owners and Greenwashing Risk Controls

Day 5: Modelling Build and the Hotel Sustainability Action Plan

- Case Hotel Carbon and Water Baseline Model Build
- Case Reduction Targets and Measure Prioritisation by Payback
- Case Food Waste and Plastics Reduction Plan
- Case ESG Data Pack for Owner Reporting
- Hotel Sustainability Action Plan Completion and Presentation

Skills You Will Gain:

- Hotel Carbon Footprinting
- Water Intensity Analysis
- Energy Efficiency Appraisal
- Food Waste Reduction
- Sustainable Procurement
- Materiality Assessment
- ESG Data Reporting
- Guest Engagement Design

Why Attend This Course:

- Deliver a Hotel Sustainability Action Plan to the general manager, the owner's representative and the brand sustainability lead
- Decide which energy, water and waste measures to fund first using savings, payback and carbon reduction
- Avoid unreliable ESG data, greenwashing claims and missed owner or brand sustainability requirements
- Train department teams on data collection, waste segregation and guest engagement routines from the course

Conclusion:

Back at work, the participant presents the Hotel Sustainability Action Plan to the general manager, the owner's representative and the brand sustainability lead. They use it to approve reduction targets, fund the first energy, water and waste measures and agree what will be reported to owners and guests. After the first year of data, the unit should recalculate carbon and water intensity with the same method, compare results with the baseline and reprioritise measures that did not deliver the expected savings.

Frequently Asked Questions FAQ:

What should participants know before a sustainable hospitality management course?

Participants should already work in hotel operations, engineering, quality or management and be comfortable with spreadsheets. Bringing twelve months of anonymised utility bills, occupancy figures or waste records from their own property makes the modelling work directly useful.

How does sustainable hospitality management differ from a general corporate ESG reporting course?

Corporate ESG reporting courses focus on disclosure frameworks across all sectors. This course works inside hotels and resorts: measuring carbon and water per occupied room, cutting energy, water and food waste, engaging guests and preparing the ESG data that owners and brands request.

Why does sustainable hospitality management use the Hotel Carbon Measurement Initiative?

The Hotel Carbon Measurement Initiative gives hotels a common, free method for calculating carbon per occupied room and per area of meeting space. Using it makes results comparable across properties and periods, which owners, brands and corporate buyers increasingly expect.

What do participants take back from the sustainable hospitality management course?

Participants take back a Hotel Sustainability Action Plan with a carbon and water baseline model, prioritised energy, water and waste measures, food waste and plastics plans, procurement criteria and an ESG data pack they can adapt to their own property.