SUSTAINABLE REAL ESTATE



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TRAINING CENTER

GENTEX Training Center LLC | Orlando - FL, USA
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Introduction

Sustainable Real Estate Training Course prepares property professionals to build, operate and retrofit assets that perform well environmentally and commercially. Participants learn how a building's design, systems and operation determine its energy use, emissions and value. The programme covers green building standards, energy performance assessment, retrofit planning, carbon accounting for buildings, investment appraisal and occupier engagement. Furthermore, it addresses regulatory requirements, certification pathways and reporting obligations. As a result, delegates can improve asset performance and evidence it in financial and environmental terms. Gentex Training Center delivers the programme through assessment workshops and applied asset case work.

Sustainable Real Estate Course Objectives

- Explain green building principles and their commercial relevance.
- Apply green building certification standards to projects and assets.
- Assess energy, water and waste performance in standing assets.
- Conduct building energy performance assessment and benchmarking.
- Plan retrofit and decarbonisation programmes for property portfolios.
- Calculate building carbon emissions and embodied carbon.
- Appraise sustainability investment using NPV, IRR and payback.
- Apply regulatory requirements and minimum energy standards.
- Design occupier engagement and green lease arrangements.
- Report building sustainability performance to owners and investors.

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Course Methodology

The course combines technical briefings with hands-on assessment workshops and applied asset case studies. Participants benchmark a building's performance, build a retrofit business case and prepare a sustainability disclosure for an asset. In addition, structured peer review and panel discussion sharpen judgement, and each day closes with an applied assessment task.

Who Should Take This Course

- Property asset and facilities managers.
- Building surveyors, engineers and sustainability consultants.
- Real estate investors, fund and portfolio managers.
- Developers, landlords and property owners.
- Energy managers and building services professionals.
- Valuers, auditors and advisers on building performance.

Sustainable Real Estate Course Outlines

Day 1: Green Building Principles and Standards

- Sustainable real estate definitions and market context.
- Green building rating systems and certification pathways.
- Energy, water, waste and materials performance criteria.
- Health, wellbeing and indoor environmental quality.
- Building lifecycle thinking from design to demolition.
- Regulatory requirements and minimum performance standards.
- Workshop: mapping certification requirements to an asset.

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Day 2: Energy Performance and Building Assessment

- Building energy use, systems and load profiles.
- Energy audits, metering and sub-metering practice.
- Energy performance benchmarking and rating schemes.
- Building performance gap between design and operation.
- Commissioning, tuning and operational optimisation.
- Monitoring, targeting and performance reporting.
- Workshop: assessing and benchmarking a building's energy performance.

Day 3: Carbon Accounting and Retrofit Planning

- Operational carbon and building emissions calculation.
- Scope 1, 2 and 3 emissions for property portfolios.
- Embodied carbon and whole life carbon assessment.
- Retrofit options: fabric, systems, controls and renewables.
- Retrofit programme phasing and disruption management.
- Cost, carbon and return trade-offs in retrofit planning.
- Workshop: building a retrofit and decarbonisation plan for an asset.

Day 4: Investment Appraisal, Regulation and Valuation

- Appraising sustainability investment using NPV, IRR and payback.
- Energy cost savings, avoided costs and green premium analysis.
- Stranded asset risk and regulatory compliance costs.
- Green finance and sustainability-linked lending for property.
- Valuation considerations for sustainable buildings.

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- Insurance, resilience and physical climate risk assessment.
- Workshop: building the financial case for a retrofit investment.

Day 5: Operation, Occupiers and Reporting

- Green lease clauses and landlord-tenant collaboration.
- Occupier engagement and behaviour change programmes.
- Building management systems and performance monitoring.
- Sustainability reporting for property assets and portfolios.
- Certification renewal, audit and assurance readiness.
- Presenting a sustainable asset plan to an investment committee.
- Workshop: presenting an asset sustainability plan to a review panel.

Conclusion

By successfully completing Sustainable Real Estate Training Course, participants will have acquired the knowledge to improve building performance and evidence it financially and environmentally. They will understand green building standards, energy performance assessment, carbon accounting, retrofit planning, investment appraisal and reporting, and they will know how to engage occupiers in performance improvement. As a result, delegates raise asset value and reduce environmental impact. Gentex Training Center builds the programme around current property and sustainability practice.

FAQs for the Sustainable Real Estate course

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Q1 What is the "Sustainable Real Estate" course about?

It covers how buildings are made to perform well environmentally and commercially. You learn green building standards, energy performance assessment, carbon accounting for buildings, retrofit and decarbonisation planning, investment appraisal and sustainability reporting.

Q2 What are the key benefits of the "Sustainable Real Estate" course?

You gain the ability to improve a building's performance with evidence rather than assumption. You also benchmark assets properly, build retrofit cases that survive investment committee review, manage regulatory compliance costs, reduce stranded asset risk, and report building sustainability to owners and occupiers.

Q3 What skills will I gain from the "Sustainable Real Estate" course?

You will gain green building standards and certification application, building energy performance assessment and benchmarking, building carbon accounting and retrofit programme planning, and sustainability investment appraisal and asset performance reporting.

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Q4 What tools, methods, or standards are covered in the "Sustainable Real Estate" course?

The course covers green building rating systems and certification pathways, energy, water, waste and materials performance criteria, indoor environmental quality assessment, building lifecycle assessment, energy audits with metering and sub-metering practice, energy performance benchmarking and rating schemes, design versus operational performance gap analysis, commissioning and operational optimisation, monitoring and targeting practice, operational carbon and building emissions calculation, Scope 1, 2 and 3 emissions for property portfolios, embodied and whole life carbon assessment, retrofit options across fabric, systems, controls and renewables, retrofit phasing and disruption management, NPV, IRR and payback appraisal for sustainability investment, energy cost saving and green premium analysis, stranded asset and compliance cost assessment, green finance and sustainability-linked lending, sustainable building valuation considerations, physical climate risk and resilience assessment, green lease clauses and landlord-tenant collaboration, occupier engagement and behaviour change programmes, building management system performance monitoring, and sustainability reporting and assurance readiness.

Q5 How is the "Sustainable Real Estate" course applied in real-world practice?

Graduates apply it to benchmark building energy and carbon performance, manage certification and compliance obligations, run energy audits and monitoring programmes, build retrofit and decarbonisation business cases, phase retrofit works to limit disruption, negotiate green leases and engage occupiers, assess physical climate risk and insurance needs, monitor building management system performance, and report asset sustainability performance to owners, lenders and investors.

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