

CERTIFIED GREEN PROJECT MANAGER



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TRAINING CENTER



Introduction

Every project consumes resources and produces waste, and a project manager who ignores that leaves cost and risk unmanaged. The Certified Green Project Manager Training Course prepares project leaders to embed environmental performance into planning, delivery, and closure. Participants learn to apply green project management principles, measure carbon and resource impacts, and build sustainability criteria into procurement and design decisions. Furthermore, the course covers lifecycle assessment, green procurement, and environmental risk. In addition, it addresses reporting against standards and stakeholder expectations. As a result, participants return able to deliver projects that meet cost, schedule, and environmental goals together.

Certified Green Project Manager Course Objectives

- Apply green project management principles to the project lifecycle.
- Conduct environmental impact assessments for project planning.
- Measure carbon footprint using the GHG Protocol scopes.
- Apply lifecycle thinking and whole-cost analysis to project decisions.
- Build sustainability criteria into procurement and specification.
- Manage environmental risk using registers and mitigation plans.
- Apply ISO 14001 and ISO 20121 principles to project practice.
- Evaluate green project outcomes with appropriate performance indicators.
- Report environmental performance to sponsors and stakeholders.
- Build a personal green project management development plan.

Course Methodology

- Instructor-led sessions linking green principles to project delivery practice.
- Practical exercises in environmental assessment and carbon calculation.

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- Case studies of green projects across construction, service, and public sectors.
- Group workshops building sustainability plans, criteria, and risk registers.
- Simulation of procurement and design decisions with environmental trade-offs.
- Continuous knowledge checks and a final assessed green project plan.

Who Should Take This Course

- Project and programme managers across sectors.
- Construction, engineering, and infrastructure project leaders.
- Sustainability and environmental officers supporting projects.
- Procurement and contract managers setting specifications.
- Facilities and operations managers delivering green initiatives.
- Consultants and advisors on sustainability projects.

Certified Green Project Manager Course Outlines

Day 1: Green Project Management Foundations

- Green project management principles and the triple bottom line.
- Environmental impacts across the project lifecycle.
- Sustainability goals and how they interact with cost and schedule.
- Environmental policy, legislation, and regulatory expectations.
- Stakeholder expectations and green project benefits.
- Roles and responsibilities for environmental performance.
- Workshop: mapping environmental impacts for a live project.

Day 2: Environmental Assessment and Carbon



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- Conducting environmental impact assessments at project level.
- Carbon footprint measurement using the GHG Protocol scopes.
- Energy, water, materials, and transport impacts.
- Lifecycle assessment and whole-cost analysis.
- Setting measurable environmental objectives and targets.
- Carbon reduction options and payback assessment.
- Workshop: calculating a project carbon baseline.

Day 3: Green Procurement and Design

- Embedding sustainability criteria into specifications.
- Supplier evaluation with environmental scoring.
- Eco-labels and certification schemes such as FSC, EPEAT, and Energy Star.
- Design choices that reduce lifecycle impact.
- Circular economy principles and material reuse.
- Contract clauses for environmental performance.
- Workshop: building a green procurement and specification set.

Day 4: Environmental Risk and Delivery Control

- Identifying and assessing environmental risk.
- Environmental risk registers and mitigation planning.
- Waste management and disposal planning on projects.
- Compliance monitoring and audit readiness.
- Handling environmental incidents and corrective action.
- Site controls, pollution prevention, and resource efficiency.
- Workshop: building an environmental risk register.





Day 5: Measurement, Reporting, and Certification

- Green project KPIs: carbon, waste diversion, water, and energy.
- Reporting environmental performance to sponsors and clients.
- Aligning with ISO 14001 and ISO 20121 principles.
- Verification, evidence, and green claims substantiation.
- Continuous improvement and lessons learned for green projects.
- Building a personal green project management development plan.
- Workshop: presenting a green project performance plan.

Conclusion

By successfully completing the Certified Green Project Manager Training Course, participants will have acquired the knowledge to assess environmental impacts, measure carbon footprints, apply sustainability criteria to procurement and design, manage environmental risk, and report green performance against recognised standards. They will also gain the ability to balance environmental goals with cost and schedule discipline. Furthermore, the course prepares project leaders to deliver outcomes that satisfy clients, regulators, and communities. Gentex Training Center delivers this programme with a strong emphasis on practical, project-ready environmental management.

FAQs



Q1 What is the "Certified Green Project Manager" course about?

It is a practical programme on managing environmental performance within projects. It covers green project management principles, environmental impact assessment, carbon footprint measurement with the GHG Protocol, lifecycle and whole-cost analysis, green procurement and specification, environmental risk management, and green performance reporting.

Q2 What are the key benefits of the "Certified Green Project Manager" course?

Participants gain the ability to deliver projects that meet environmental targets alongside cost and schedule goals, which strengthens client and regulatory confidence. The course reduces environmental risk and compliance exposure, improves procurement decisions, lowers lifecycle operating costs, and provides credible evidence for sustainability reporting and green claims.

Q3 What skills will I gain from the "Certified Green Project Manager" course?

Environmental impact assessment and carbon measurement; lifecycle and whole-cost analysis for project decisions; green procurement, specification and supplier evaluation; and environmental risk management, compliance control and green performance reporting.



Q4 What tools, methods, or standards are covered in the "Certified Green Project Manager" course?

The course covers green project management principles and the triple bottom line, environmental impact assessment methods, the GHG Protocol scopes for carbon accounting, lifecycle assessment and whole-cost analysis, eco-labels including FSC, EPEAT, and Energy Star, circular economy principles, environmental risk registers, waste management planning, ISO 14001 and ISO 20121 principles, and green project KPIs for carbon, waste, water, and energy.

Q5 How is the "Certified Green Project Manager" course applied in real-world practice?

Graduates apply it by mapping environmental impacts at project initiation, setting carbon and resource targets, and calculating a baseline before design decisions are locked in. They also write sustainability criteria into specifications, maintain environmental risk registers, monitor compliance on site, and report green performance to sponsors and clients with verifiable evidence.