

GREEN PROJECT MANAGER (GPM B™) CERTIFICATION PREPARATION COURSE



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Introduction

Green Project Manager (GPM-b) Certification Preparation Course prepares project professionals to lead projects with environmental responsibility built into every phase. Sustainability is now a project requirement, not an optional value: clients, regulators, and funding bodies expect measurable environmental performance alongside cost, schedule, and scope. This Green Project Manager (GPM-b) Certification Preparation Course builds the knowledge the certification exam tests and the practice it represents. Participants examine sustainability principles, environmental impact assessment, green procurement, carbon and energy management, and reporting standards. Furthermore, the course covers the GRI framework, ISO 14001 environmental management, the ISO 14064 greenhouse gas standards, and the PMBOK Guide's sustainability integration. It also addresses stakeholder engagement and lifecycle thinking. As a result, participants leave prepared for the exam and for greener project delivery.

Green Project Manager (GPM-b) Certification Preparation Course Objectives

- Apply sustainability principles across the project lifecycle.
- Integrate environmental requirements into scope, schedule, and budget.
- Conduct environmental impact assessment and lifecycle analysis.
- Apply ISO 14001 environmental management system requirements.
- Measure and manage carbon footprint using ISO 14064 and the GHG Protocol.
- Design green procurement and sustainable supply chain practices.
- Manage energy, water, waste, and materials efficiency on projects.
- Engage stakeholders on sustainability objectives and reporting.
- Report sustainability performance using GRI and related frameworks.
- Prepare effectively for the GPM-b certification examination.



Course Methodology

The course applies interactive, practice-based methods:

- Facilitated workshops aligned to GPM-b exam domains.
- Case studies of green projects across construction, energy, and services.
- Hands-on environmental impact and carbon accounting exercises.
- Practice exam questions with structured review and feedback.
- Group work on sustainability plans and reporting structures.
- Action planning that converts each framework into project practice.

Who Should Take This Course

- Project and program managers.
- Sustainability and environmental officers.
- Construction, engineering, and infrastructure project leads.
- Consultants advising on green projects.
- Procurement and supply chain professionals.
- Professionals preparing for the GPM-b certification.

Green Project Manager (GPM-b) Certification Preparation Course Outlines

Day 1: Foundations of Green Project Management

- Defining sustainability and its meaning for projects.
- Reviewing the GPM-b certification structure and exam domains.
- Examining the triple bottom line: people, planet, and profit.

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- Applying the PMBOK Guide with sustainability integration.
- Understanding environmental legislation and compliance obligations.
- Reviewing global sustainability trends affecting projects.
- Assessing your current sustainability knowledge and gaps.

Day 2: Environmental Impact and Lifecycle Thinking

- Conducting environmental impact assessment (EIA) basics.
- Applying lifecycle assessment and cradle-to-grave thinking.
- Identifying environmental aspects and impacts in projects.
- Applying ISO 14001 environmental management principles.
- Managing environmental risk with risk registers and mitigation.
- Setting environmental objectives and measurable targets.
- Building an environmental impact assessment outline.

Day 3: Carbon, Energy, and Resource Management

- Measuring carbon footprint with the GHG Protocol and ISO 14064.
- Distinguishing Scope 1, 2, and 3 emissions in projects.
- Managing energy efficiency and renewable energy options.
- Reducing water consumption and managing wastewater.
- Applying circular economy and waste minimisation principles.
- Selecting sustainable materials and reducing embodied carbon.
- Building a carbon and resource management plan.





Day 4: Green Procurement, Stakeholders, and Reporting

- Applying sustainable procurement criteria and supplier evaluation.
- Managing supply chain environmental and social performance.
- Engaging stakeholders and communities on sustainability.
- Reporting sustainability performance with GRI standards.
- Avoiding greenwashing and ensuring credible claims.
- Preparing sustainability reports and disclosure statements.
- Designing a sustainability reporting structure.

Day 5: Exam Preparation and Project Application

- Reviewing GPM-b exam domains and question formats.
- Practising exam questions with structured explanations.
- Applying sustainability tools to a full project scenario.
- Building a green project management plan.
- Reviewing key standards, definitions, and formulas.
- Developing an exam study and revision plan.
- Finalizing a personal green project management action plan.



Conclusion

By successfully completing Green Project Manager (GPM-b) Certification Preparation Course, participants will have acquired practical knowledge of sustainability principles, environmental impact assessment, ISO 14001 and ISO 14064 application, carbon and resource management, green procurement, and sustainability reporting. They will have gained skills in green project planning and environmental integration, carbon accounting and resource efficiency management, sustainable procurement and supply chain practice, and sustainability reporting with certification readiness, plus a personal action plan. Gentex Training Center designed this program to help project professionals deliver greener projects with confidence.

FAQs

Q1 What is the "Green Project Manager (GPM-b) Certification Preparation Course" about?

It prepares project professionals for sustainable delivery and the GPM-b exam. Participants study sustainability principles, environmental impact assessment, ISO 14001 and ISO 14064, carbon accounting, green procurement, and sustainability reporting.

Q2 What are the key benefits of the "Green Project Manager (GPM-b) Certification Preparation Course"?

Participants gain a structured route to certification, stronger environmental planning skills, and credible sustainability reporting. Organisations also reduce environmental risk and cost, meet client and regulatory expectations, and demonstrate responsible delivery to funders and communities.



Q3 What skills will I gain from the "Green Project Manager (GPM-b) Certification Preparation Course"?

You will develop four core skills: green project planning and environmental integration, carbon accounting and resource efficiency management, sustainable procurement and supply chain practice, and sustainability reporting with certification readiness.

Q4 What tools, methods, or standards are covered in the "Green Project Manager (GPM-b) Certification Preparation Course"?

The course covers the GPM-b certification domains, the PMBOK Guide with sustainability integration, environmental impact assessment (EIA), lifecycle assessment, ISO 14001 environmental management, the GHG Protocol and ISO 14064 for carbon accounting, Scope 1, 2 and 3 emissions, circular economy principles, sustainable procurement criteria, GRI reporting standards, and anti-greenwashing discipline.

Q5 How is the "Green Project Manager (GPM-b) Certification Preparation Course" applied in real-world practice?

Participants apply the methods to live project tasks, such as screening a project for environmental impacts, calculating a carbon baseline, setting sustainability objectives, evaluating a supplier on sustainability criteria, and preparing a sustainability report section. Each module ends with an action commitment, so learning transfers directly into project delivery.