

AI-Enhanced Sustainable Project Management Workshop Outline

Abstract

Become a leader in sustainable project management by mastering AI-powered tools and sustainability frameworks! This immersive workshop will equip you with practical strategies to balance social, environmental, and economic factors across your projects. You'll learn to leverage AI to make smarter, data-driven decisions, optimize project outcomes, and ensure alignment with long-term sustainability goals. Step into the future of project management with the skills to create meaningful environmental and social impact!

Learning Objectives

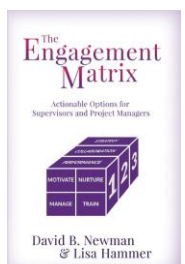
Attendees will:

- understand the fundamental principles of sustainable project management and how they integrate into traditional project frameworks
- apply sustainability assessment tools and techniques to evaluate project impacts on social, environmental, and economic factors
- analyze how AI can enhance decision-making in sustainable projects and contribute to minimizing environmental impacts.
- evaluate project scenarios using AI-driven insights to identify areas for sustainability improvement
- create a project plan that incorporates sustainability strategies and AI-powered tools for enhanced environmental and social performance

Workshop Outline

Foundations of Sustainable Project Management

- **Introduction to Sustainable Project Management**
 - Overview of sustainable project management
 - Importance of integrating sustainability into project planning and execution
 - Key sustainability metrics: Social, Environmental, Economic, and Governance (SEEG)
- **Analyzing Sustainability Impact**
 - Frameworks for sustainability impact analysis
 - Assessing project impacts across people, planet, and prosperity
 - Practical tools for performing impact assessments
- **AI-Powered Sustainability in Projects**
 - Introduction to AI and its role in driving sustainable project outcomes
 - AI tools for identifying and mitigating environmental risks
 - Case studies demonstrating AI's effectiveness in sustainability decision-making



- **Interactive Workshop – Crafting a Sustainable Project Plan**
 - Develop a sustainable project plan considering social, environmental, and economic factors
 - Incorporate AI tools to make data-informed sustainability decisions

Advanced Techniques for AI-Integrated Sustainable Project Management

- **AI-Driven Project Lifecycle Management**
 - How AI enhances each phase of the project lifecycle
 - Predictive analytics, project monitoring, and resource optimization through AI
- **Aligning Sustainability Goals with AI Tools**
 - Integrating AI with sustainability goals without compromising environmental ethics
 - Best practices for using AI in a way that complements sustainable project management principles
- **Future Trends in AI and Sustainability**
 - Emerging AI technologies in sustainability and their implications for project managers
 - Ethical considerations and challenges of AI in sustainable projects
- **Sustainability Reporting and Stakeholder Communication**
 - Leveraging AI for accurate and efficient sustainability reporting
 - Communicating sustainability metrics and impacts clearly to stakeholders
- **Practical Takeaways and Q&A**
 - Final wrap-up and review of key sustainability and AI tools

PDU Breakdown by Talent Triangle Areas

16 PDUs: 4 Power Skills, 4 Business Acumen, 8 Ways of Working

