



Welcome to this session: Senior Leadership & Management Lecture: Sustainability Project Plan: Integrating Environmental, Ethical, and Economic Considerations into Project Management

The session will start shortly...

Any Questions?
Drop them in the questions section.



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Welcome

CoGrammar

Senior Leadership & Management/**Sustainability Project Planning**

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Safeguarding & Welfare

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Democracy

Every person's opinions matter.

Respect

We look after each other.

Tolerance

We accept each other's differences.

British values

Rule of Law

We keep to the rules.

Liberty

We are free to make choices.

A close-up photograph of a drafting table. In the foreground, a compass is positioned on a dark wooden surface. Behind it, a T-square and a long metal ruler are visible, resting on a sheet of graph paper. The background is slightly blurred, showing more drafting equipment and papers.

Housekeeping

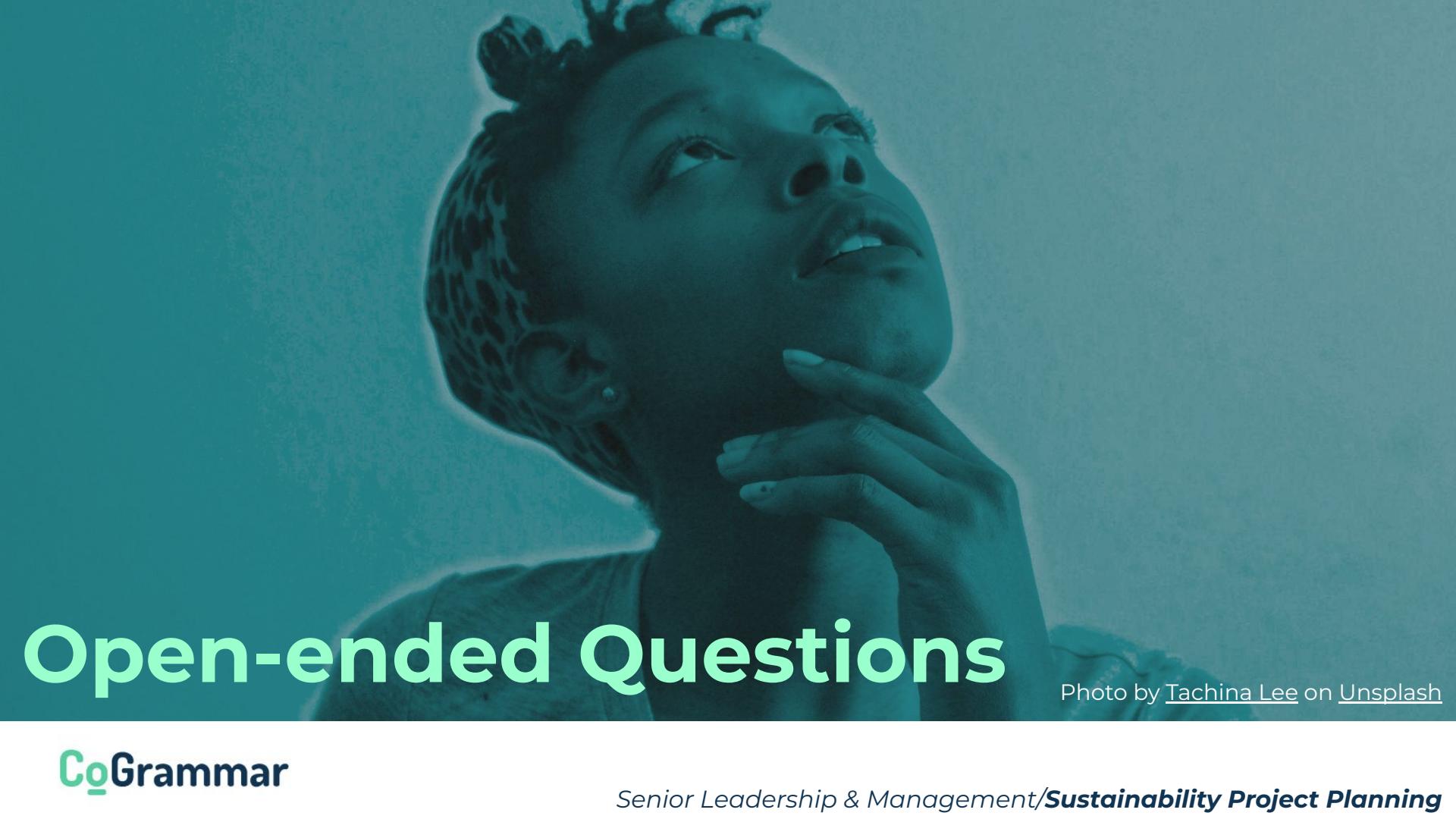
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Leadership & Management Live Lectures – Housekeeping

- The use of disrespectful language is prohibited in the questions, this is a supportive, learning environment for all - please engage accordingly.
 - **(Fundamental British Values: Mutual Respect and Tolerance)**
- No question is daft or silly - **ask them!**
- Should you have a question during the lecture, please feel free to **post in the Questions section** and I will respond throughout.

Leadership & Management Live Lectures – Housekeeping

- Activating **live captions** in your browser's accessibility settings is a helpful option for better understanding, especially for those with hearing impairments or challenges with accents.
- For all **non-academic questions**, please submit a query:
www.hyperiondev.com/support
- Report a safeguarding incident: **www.hyperiondev.com/safeguardreporting**
- Should you have any further questions or want to provide us with feedback, please feel free to post them **here**.
- **GitHub Link to access L&M Presentation Slides.**



Open-ended Questions

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Question 1

Why do you think sustainability has become such a central focus for businesses today?

Can you think of any examples of companies that are leading this shift?



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Question 2

What do you believe are the main challenges businesses face when trying to implement sustainability initiatives in their projects?



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Question 3

How do you think sustainability can impact a company's reputation and relationships with its customers and stakeholders?

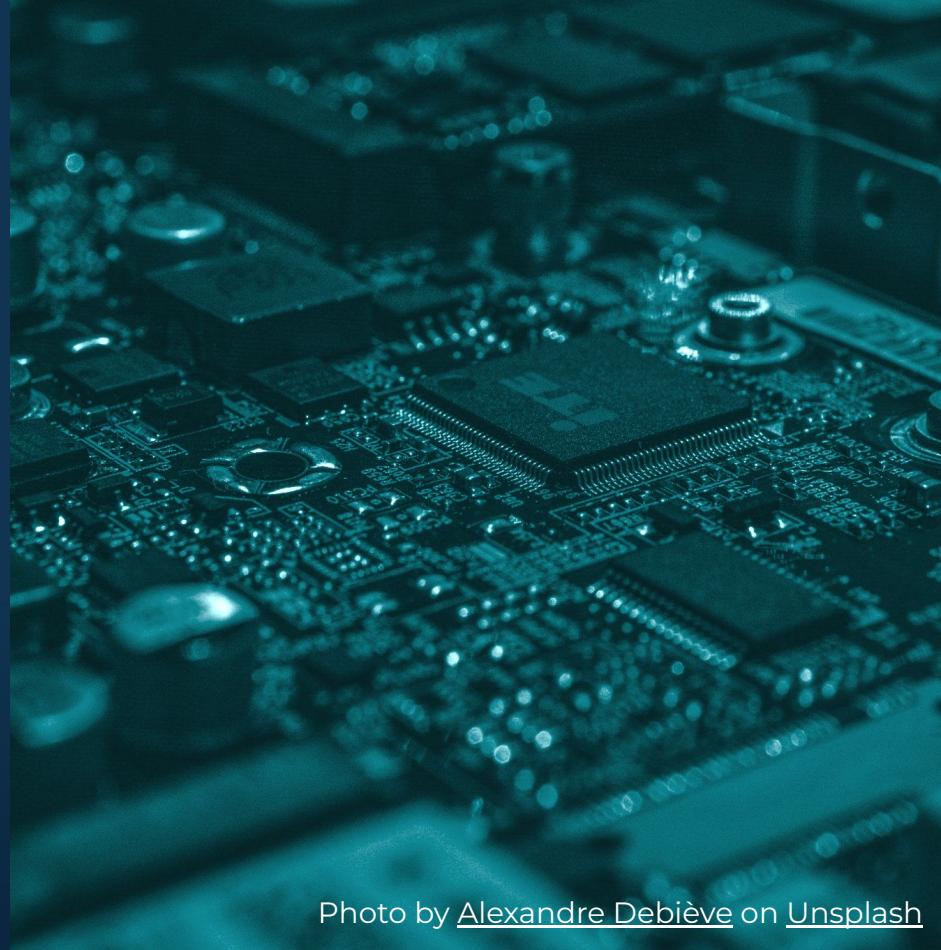


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Question 4

What role do you think project managers play in ensuring sustainability is integrated into a project?

How can they ensure their projects align with broader sustainability goals?



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Learning Objectives

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Learning Objectives



By the end of this lecture, you will be able to:

- Identify the Importance of Sustainability in Project Planning
- Identify Key Elements of Sustainability Project Planning
- Apply a Project Management Framework to Sustainability
- Develop a Practical Sustainability Project Plan
- Evaluate Real-World Sustainability Practices

A close-up photograph of a person's hands and face. The person is wearing dark-rimmed glasses and a light-colored button-down shirt. They are looking down at a dark wooden keyboard. The lighting is soft, creating a professional and focused atmosphere.

Introduction to Sustainability in Business

Photo by [John Moeses Bauan](#) on [Unsplash](#)

Introduction to Sustainability in Business

- Sustainability is **no longer optional** – it's central to long-term success.
- Companies like **Unilever**, **Tesla**, and **Patagonia** lead sustainability efforts.
- **Unilever's Sustainable Living Plan:** Reduces plastic waste and lowers carbon emissions.
- **Tesla:** Pioneers green energy solutions with electric vehicles and solar innovations.

Why Sustainability Project Planning is Important?

- **Reduces environmental impact:** Lowers carbon emissions, energy use, and waste.
- **Meets regulatory standards:** Compliance with environmental laws and certifications (ISO 14001, etc.).
- **Improves stakeholder trust:** Ethical practices attract consumers and investors.
- **Enhances business resilience:** Long-term savings from energy efficiency and resource conservation.

Key Elements of Sustainability Project Planning

- **Eco-Friendly Materials & Processes:** Biodegradable packaging, renewable energy, ethical sourcing.
- **Waste Reduction & Recycling:** Circular economy practices—reuse, refurbish, and recycle.
- **Carbon Emission Reduction:** Green transportation, smart logistics, and carbon offset programs.
- **Social Responsibility:** Fair labour practices, ethical sourcing, community development.



Example: Patagonia's Sustainable Business Model

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Example – Patagonia's Sustainable Business Model

- **Recycled Materials:** 98% of its clothing line uses recycled fabrics.
- **Fair Trade Certified Factories:** Ethical sourcing for global production.
- **Repair & Reuse Programs:** Encouraging customers to repair, not discard, items.



Introduction to **PRINCE2**

Photo by [Kelly Sikkema](#) on [Unsplash](#)

What is PRINCE2?

- **PRINCE2** stands for **PRojects IN Controlled Environments** (version 2).
- It is a **structured project management methodology** used globally for successful project delivery.
- Focuses on delivering projects in a controlled and organized environment to ensure consistent success.

Key Principles of PRINCE2

7 Key Principles of PRINCE2:

- **Continued Business Justification:** Ensure there's a valid reason to initiate and continue the project.
- **Learn from Experience:** Utilize lessons learned from past projects for better decision-making.
- **Defined Roles & Responsibilities:** Clearly define who is responsible for what throughout the project.
- **Manage by Stages:** Break the project into manageable stages with clear deliverables.
- **Manage by Exception:** Set tolerances for each stage, allowing efficient management and control.
- **Focus on Products:** Focus on delivering quality outcomes that meet stakeholder expectations.
- **Tailor to Suit the Project:** Adapt PRINCE2 to fit the size and complexity of the project.

Key Themes of PRINCE2

7 Key Themes of PRINCE2:

- **Business Case:** Justify the project's value and align it with business objectives.
- **Organization:** Define the structure of roles and responsibilities within the project.
- **Quality:** Ensure the project meets its quality standards.
- **Plans:** Develop clear, realistic plans with defined deliverables and milestones.
- **Risk:** Identify and manage risks to minimize negative impacts.
- **Change:** Control any changes to the project scope, budget, or timeline.
- **Progress:** Monitor and track project progress to ensure it stays on course.

PRINCE2 Process Model

The 7 PRINCE2 Processes:

- **Starting Up a Project:** Ensuring project feasibility and initial planning.
- **Initiating a Project:** Creating a detailed project plan and business case.
- **Directing a Project:** Oversight and decision-making by senior stakeholders.
- **Controlling a Stage:** Managing day-to-day tasks and controlling project stages.
- **Managing Product Delivery:** Ensuring products meet agreed-upon specifications and quality.
- **Managing Stage Boundaries:** Reviewing and approving the transition between stages.
- **Closing a Project:** Formal closure of the project, ensuring all objectives are met.

Tailoring PRINCE2 to Your Project

Tailoring PRINCE2 for Different Projects:

- PRINCE2 is flexible and can be **tailored** to fit projects of any size or complexity.
- **Small Projects:** Use a simplified version of the PRINCE2 processes to maintain flexibility.
- **Large Projects:** Implement all PRINCE2 processes with more detailed documentation and control mechanisms.

Benefits of PRINCE2 for Sustainability Projects

How PRINCE2 Supports Sustainability Projects:

- **Clear Business Justification:** Align sustainability goals with business objectives.
- **Defined Roles and Responsibilities:** Ensure everyone understands their role in achieving sustainability targets.
- **Risk Management:** Identify and mitigate environmental and ethical risks.
- **Stage Management:** Break down sustainability milestones for better tracking.

Let's take a break

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Introduction to PMBOK

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What is PMBOK?

- PMBOK stands for **Project Management Body of Knowledge**.
- It is a globally recognized framework developed by the **Project Management Institute (PMI)**.
- PMBOK provides guidelines, best practices, and standards for project management.
- The **PMBOK Guide** is updated periodically to reflect new project management practices, tools, and techniques.

PMBOK Framework Overview

- **Five Process Groups:** The phases through which a project progresses.
 - Initiating
 - Planning
 - Executing
 - Monitoring & Controlling
 - Closing
- **Ten Knowledge Areas:** The areas of expertise that project managers must address.
 - Integration Management, Scope Management, Time Management, Cost Management, Quality Management, Human Resource Management, Communications Management, Risk Management, Procurement Management, Stakeholder Management.

PMBOK - The Five Process Groups

1. Initiating

- Define the project and obtain authorization to proceed.
- Develop a project charter to formally authorize the project.

2. Planning

- Establish the project's scope, objectives, and actions.
- Develop the project management plan and schedule.

3. Executing

- Coordinate people and resources.
- Implement the project plan and ensure quality assurance.

4. Monitoring & Controlling

- Track, review, and regulate the progress and performance of the project.
- Ensure changes are controlled and project objectives are met.

5. Closing

- Finalize all project activities.
- Complete formal acceptance of the project deliverables and close the project.

PMBOK - The Ten Knowledge Areas

1. **Integration Management:** Coordinate project activities and ensure everything aligns with project goals.
2. **Scope Management:** Define what is included in the project and control changes to the scope.
3. **Time Management:** Develop and control the project schedule, ensuring deadlines are met.
4. **Cost Management:** Plan and monitor project budgets to keep costs under control.
5. **Quality Management:** Ensure that project deliverables meet the required quality standards.
6. **Human Resource Management:** Plan, acquire, and manage the project team.
7. **Communications Management:** Ensure that relevant information is communicated to all stakeholders.
8. **Risk Management:** Identify, assess, and plan for potential project risks.
9. **Procurement Management:** Manage the acquisition of goods and services from external sources.
10. **Stakeholder Management:** Identify stakeholders and manage their expectations throughout the project.

Benefits of PMBOK for Sustainability Projects

How PMBOK Supports Sustainability Projects:

- **Risk Management:** Helps identify and address environmental and social risks.
- **Stakeholder Management:** Ensures that sustainability goals align with stakeholder interests.
- **Scope Management:** Ensures clear definition of sustainable project objectives and deliverables.
- **Quality Management:** Ensures sustainability standards and practices are integrated into project deliverables.

PMBOK and Sustainability Project Example

Example: Renewable Energy Installation Project

- **Initiating:** Define project goals, including carbon reduction targets.
- **Planning:** Develop a project management plan that includes sustainability criteria, such as renewable energy sources.
- **Executing:** Implement the project, ensuring compliance with environmental standards.
- **Monitoring & Controlling:** Track progress against sustainability milestones (e.g., energy savings, carbon footprint reduction).
- **Closing:** Final report on sustainability outcomes and project impact.



Task Walkthrough

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Sustainability Project Task

Step 1: Define Your Sustainability Project

- **Choose a sustainability-driven project:**
 - Reduce plastic waste (e.g., biodegradable packaging).
 - Implement renewable energy solutions in offices.
 - Develop an ethical supply chain.
- **Set clear sustainability objectives:**
 - Reduce carbon footprint by 20%.
 - Ensure 80% of suppliers meet ethical sourcing standards.
 - Cut energy consumption by 30%.

Sustainability Project Task

Step 2: Apply a Project Management Framework

- **PRINCE2 Framework:**
 - Business Justification: Why sustainability matters.
 - Defined Roles & Responsibilities: Who oversees sustainability compliance.
 - Stage Planning: Identify sustainability milestones.
- **PMBOK Approach:**
 - Project Integration Management: Align sustainability with business goals.
 - Risk Management: Identify environmental or compliance risks.
 - Stakeholder Engagement: Collaborate with suppliers, employees, and regulators.

Sustainability Project Task

Step 3: Develop a Sustainability Strategy

- **Outline Key Sustainability Initiatives:**
 - Eco-Friendly Materials: Biodegradable or upcycled materials.
 - Energy Efficiency: Solar panels, energy-efficient equipment.
 - Waste Reduction: Company-wide recycling or circular economy initiatives.
- **Identify Potential Challenges & Solutions:**
 - Regulatory Compliance: Stay updated on environmental laws.
 - Cost vs. ROI: Assess the financial benefits of sustainable investments.
 - Supply Chain Sustainability: Collaborate with ethical suppliers

Sustainability Project Task

Step 4: Write Your Sustainability Project Plan

- **Executive Summary:** Importance of sustainability in the project.
- **Project Scope & Objectives:** Define environmental and ethical goals.
- **Sustainability Strategy:** Initiatives to achieve project objectives.
- **Risk Mitigation Plan:** Address challenges and compliance issues.
- **Implementation Roadmap:** Phases, milestones, stakeholders.
- **Final Recommendations:** Align the project with industry sustainability standards.



Conclusion

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Conclusion

- **Recap:** Sustainability project planning is essential for businesses today, ensuring long-term success while addressing environmental and ethical concerns.
- **Next Steps:**
 - Share your project plan on sustainability forums or LinkedIn.
 - Explore certifications like **LEED** for further recognition of sustainability efforts

Resources

Explore further resources like:

- [PMI Guide to Sustainable Project Management](#)
- [World Economic Forum Sustainability Reports](#)

Questions and Answers

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Thank you for attending

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