

Green Project Management

Driving Sustainable Success

Learning Objectives

- Explain the principles of Green Project Management (GPM) and its alignment with the Project Management Institute (PMI) and GPM-b certification standards.
- Demonstrate how to integrate sustainability practices into project lifecycles for long-term environmental, social, and economic impact.
- Identify key tools, frameworks, and best practices for managing sustainable projects that drive both business value and global responsibility.

NDT Climate Change Video





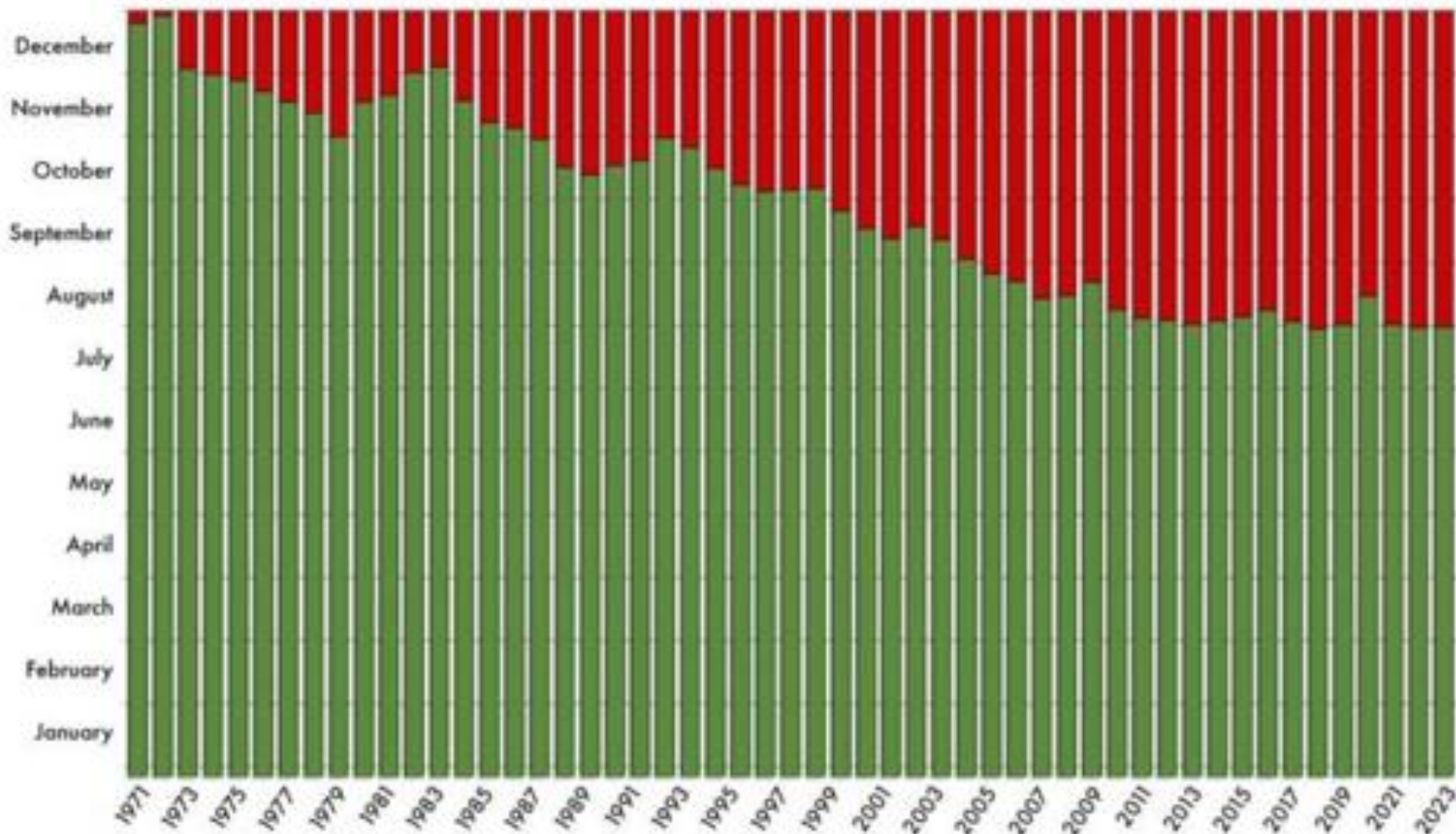
1 Earth

Earth Overshoot Day

1971 - 2023



1.7 Earths



Green Project Management

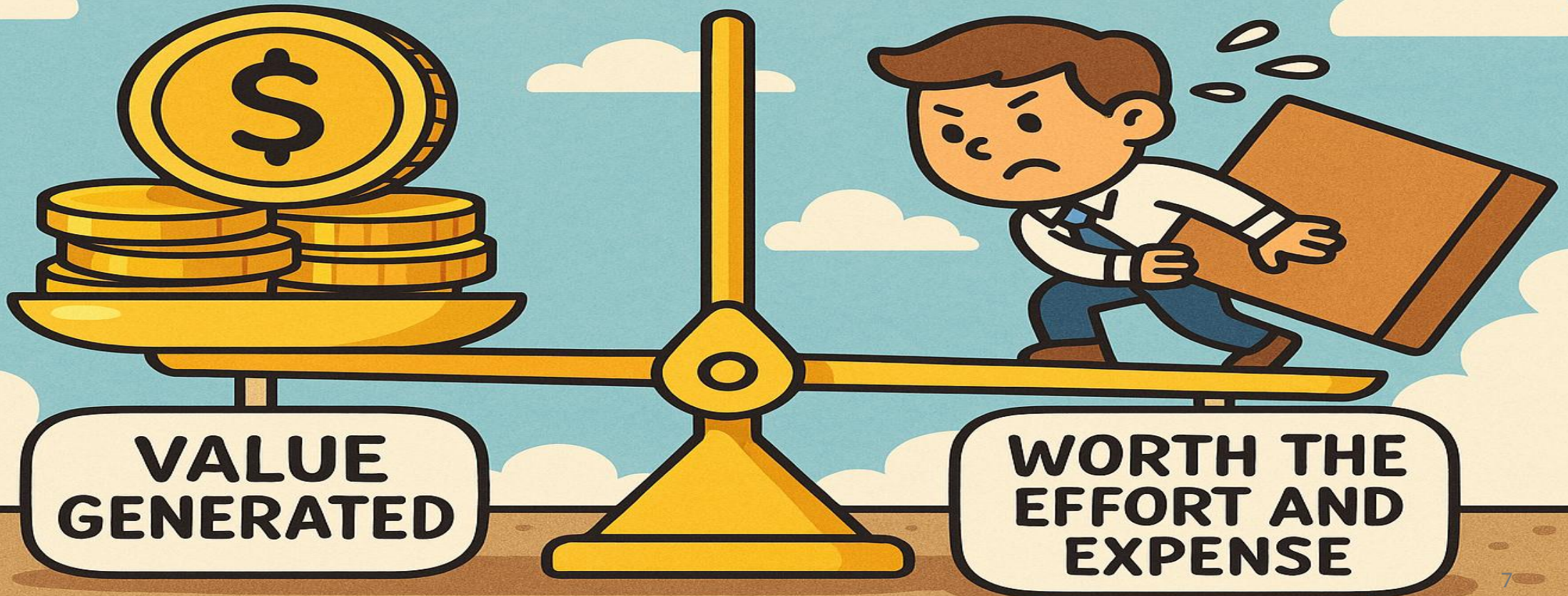


Regenerative Sustainability



Project Success: $\text{Value} > \text{Effort} + \text{Expense}$

PROJECT SUCCESS



Project Success (GPM)

The planning, monitoring, and controlling of project delivery and support processes, with consideration for environmental, social, economic, and ethical impacts, in a transparent and accountable manner.

GPM insists that sustainability must be:

- Measured through impact analysis (P5)
- Integrated into decision-making and risk management
- Reported transparently for accountability

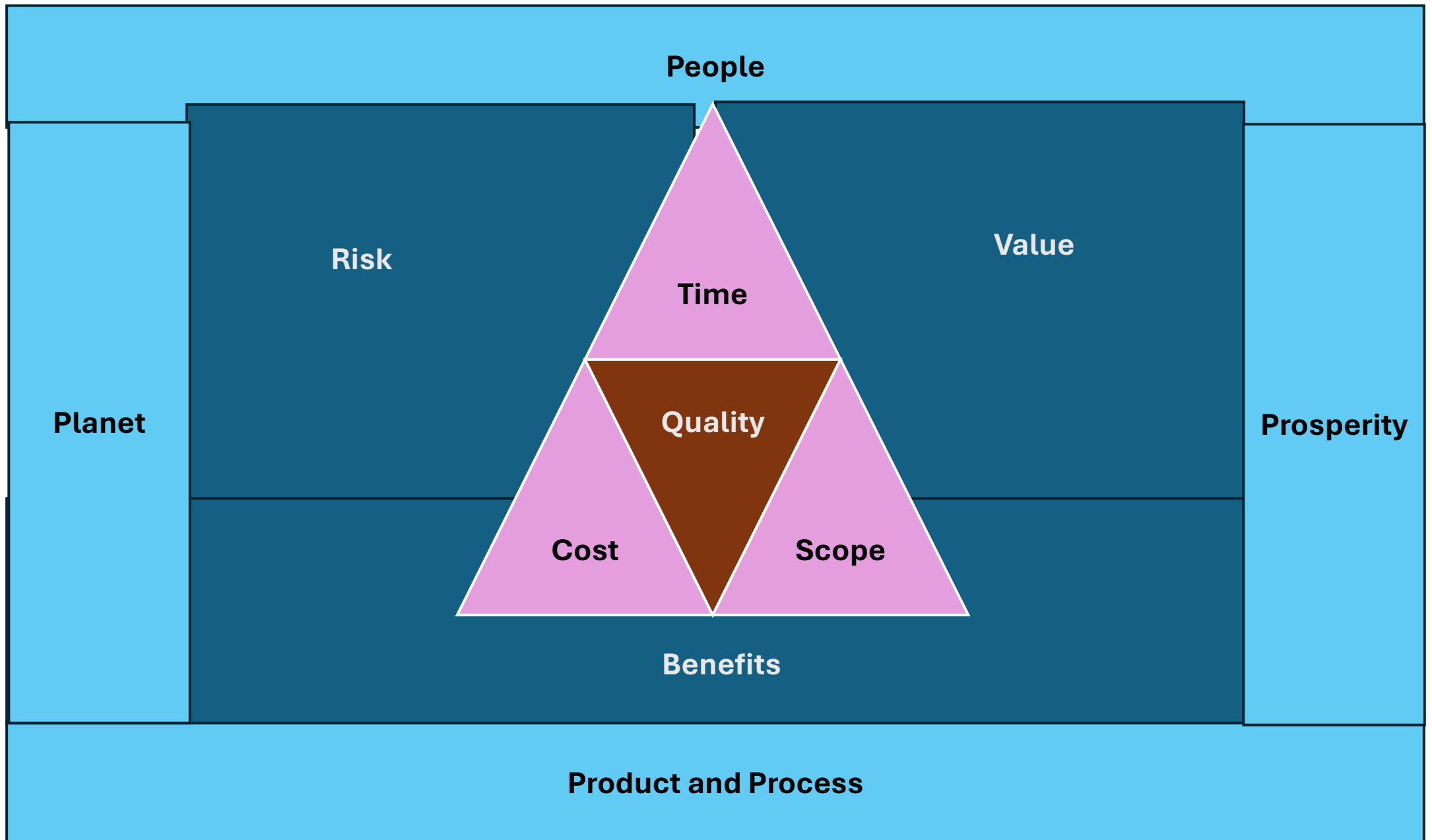


PMI + GPM

Aspect	PMI	GPM Global
Sustainability Integration	Embedded in value delivery and stewardship	Core focus of methodology
Formal Definition	Not fixed, but values-based	Explicit, impact-based
Tools and Frameworks	PMBOK (7th Ed), ESG alignment	P5 Standard, PRiSM Methodology
Certification Path	PMP + ESG awareness	GPM-b, GPM Certifications

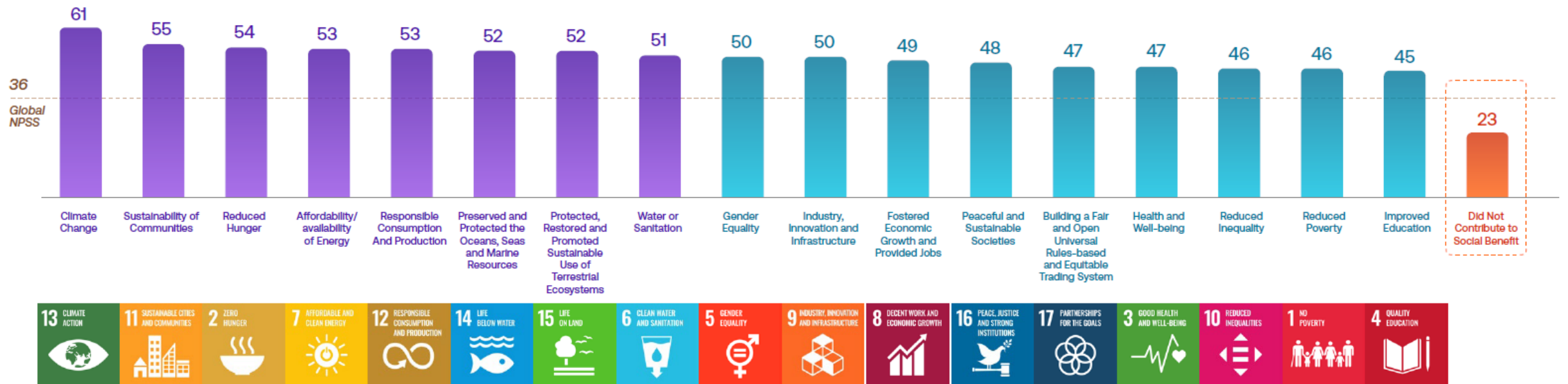


The Business Case for Sustainability in Projects



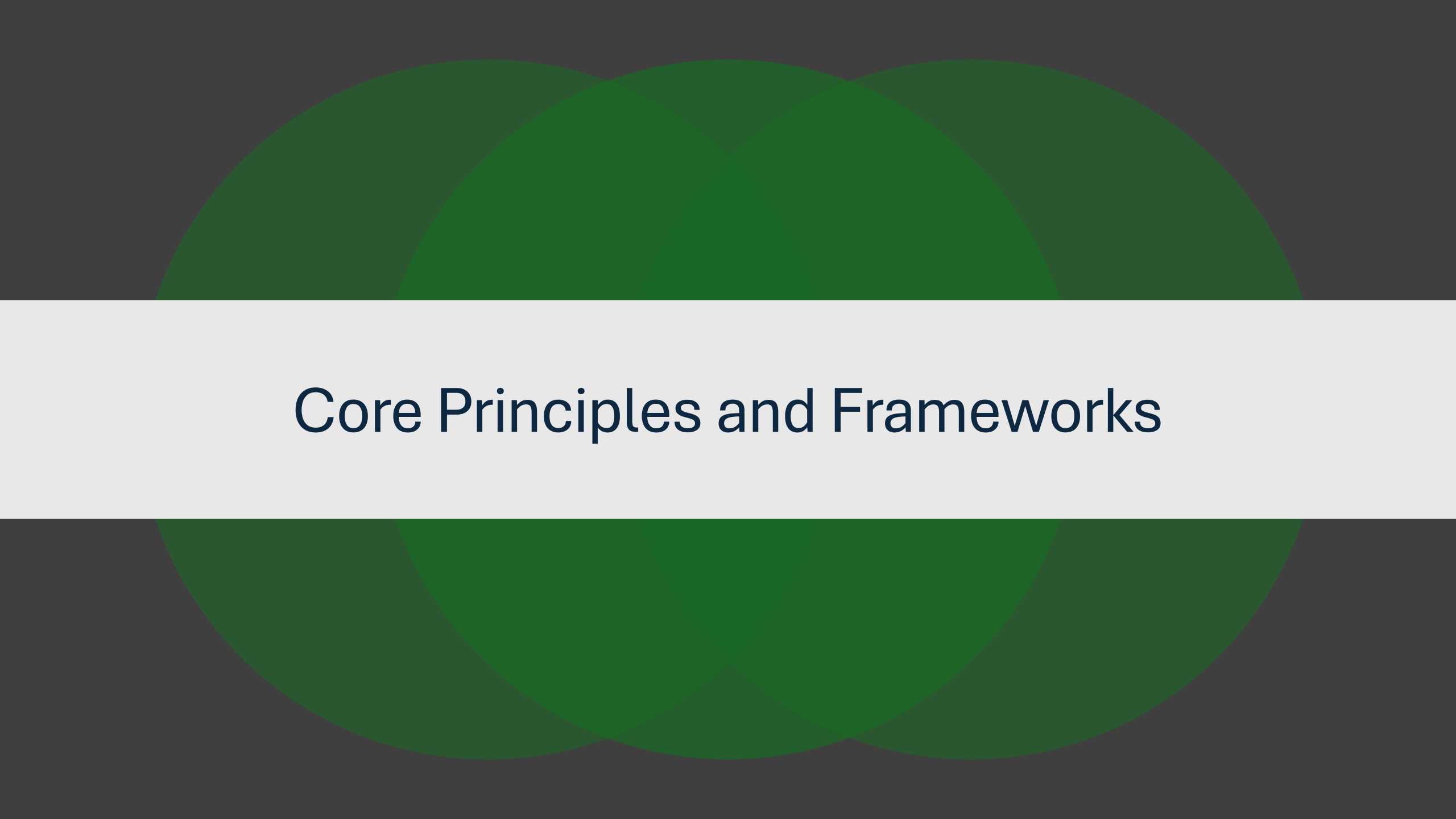


Alignment with SDG's



Survey question: What, if any, of these social goods were a benefit of the project?
 Base sizes: Some degree of social benefit n = 304; Did not contribute to social benefit n = 986.

United Nations Sustainable Development Goals icons. The content of this publication has not been approved by the United Nations and does not reflect the views of the United Nations or its officials or Member States.

The background of the slide features three large, overlapping circles in a dark green color, set against a dark gray background. A horizontal white band runs across the middle of the image, containing the title text.

Core Principles and Frameworks

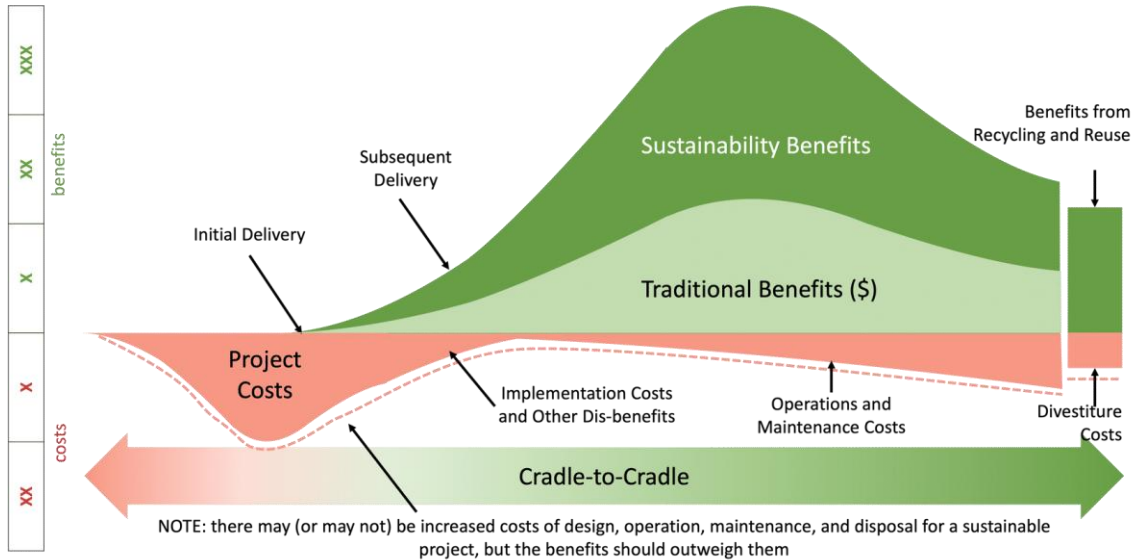
THE GPM® P5™ STANDARD FOR SUSTAINABILITY IN PROJECT MANAGEMENT

Version 3



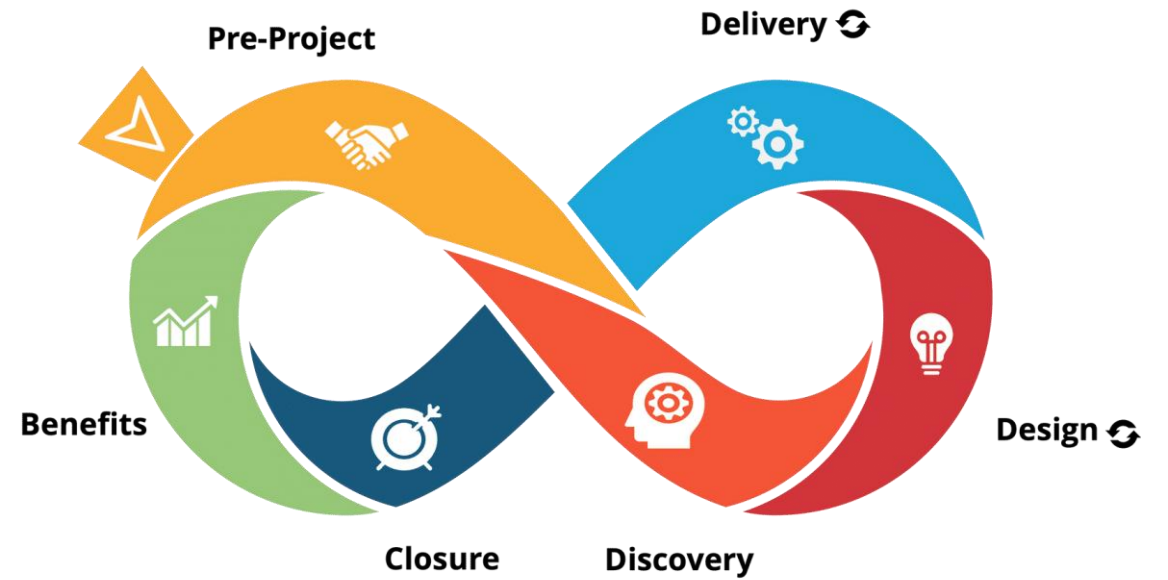


Integrating Sustainability into Project Lifecycles



PRISM

PRojects integrating Sustainable Methods



Assessing Impacts on People, Planet, Prosperity



P5 Impact Analysis

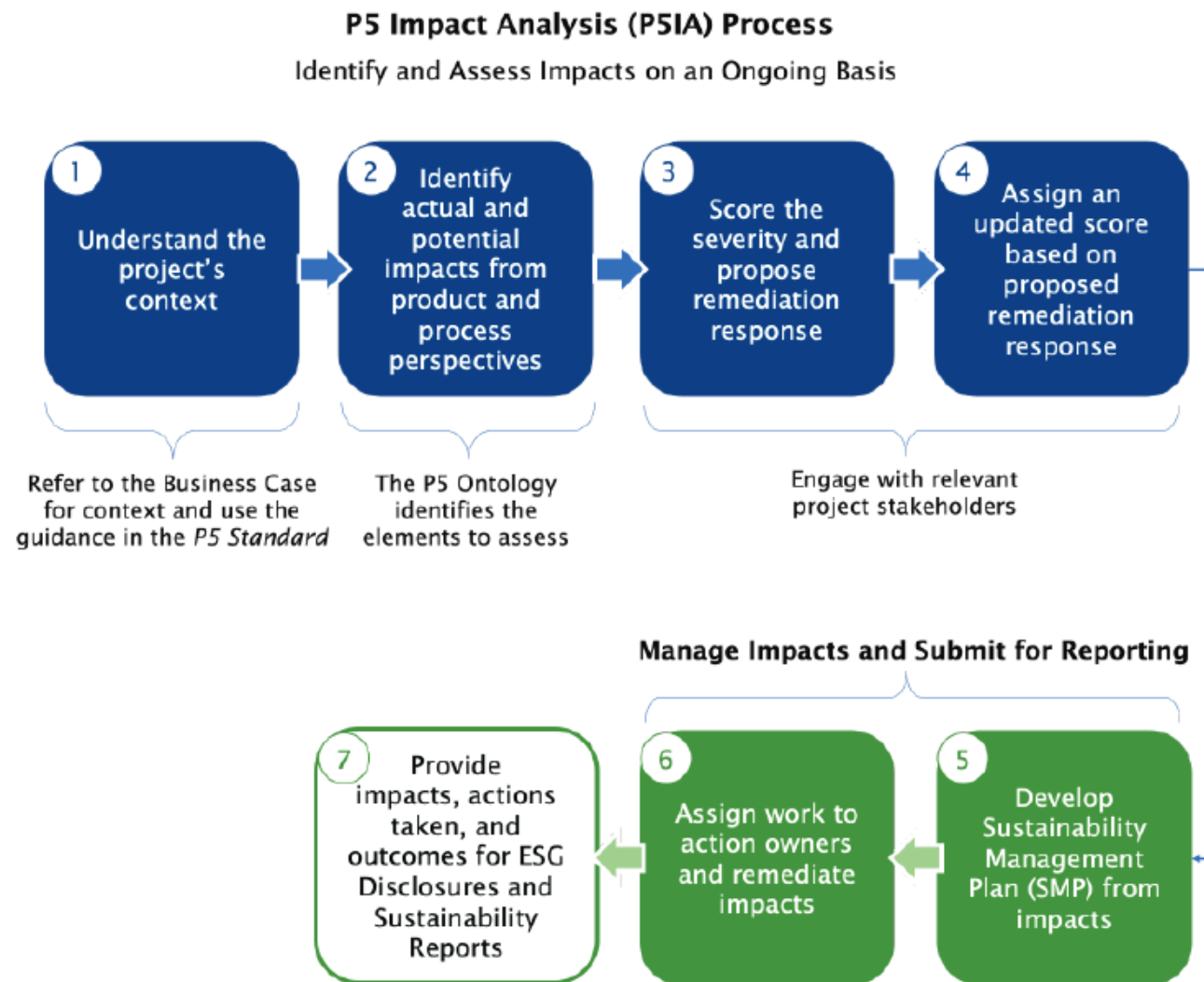


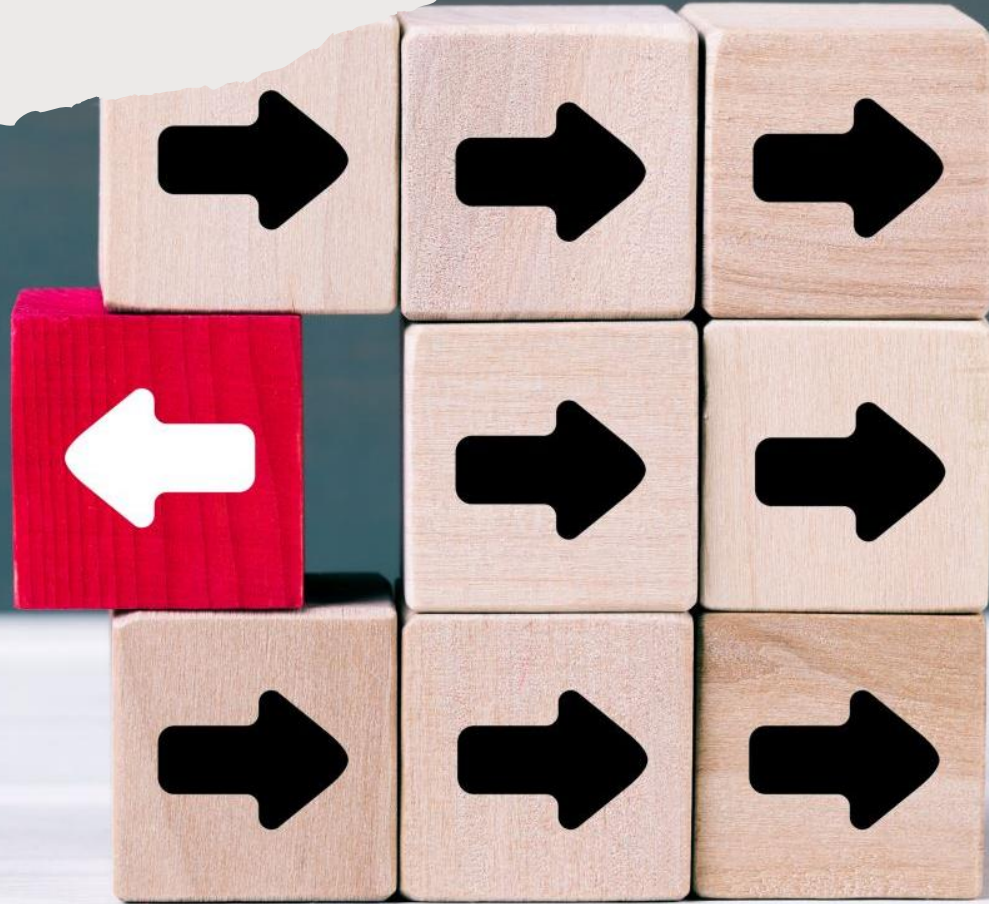
Figure 11 — Project Sustainability Impacts to Reporting/Disclosure Materiality

Overcoming Challenges and Driving Impact

Common roadblocks
in green project
management



Strategies for Influencing Decision-Makers



Future Trends and Innovations in Sustainable Project Leadership





Actionable Options for Supervisors and Project Managers



David B. Newman
& Lisa Hammer



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