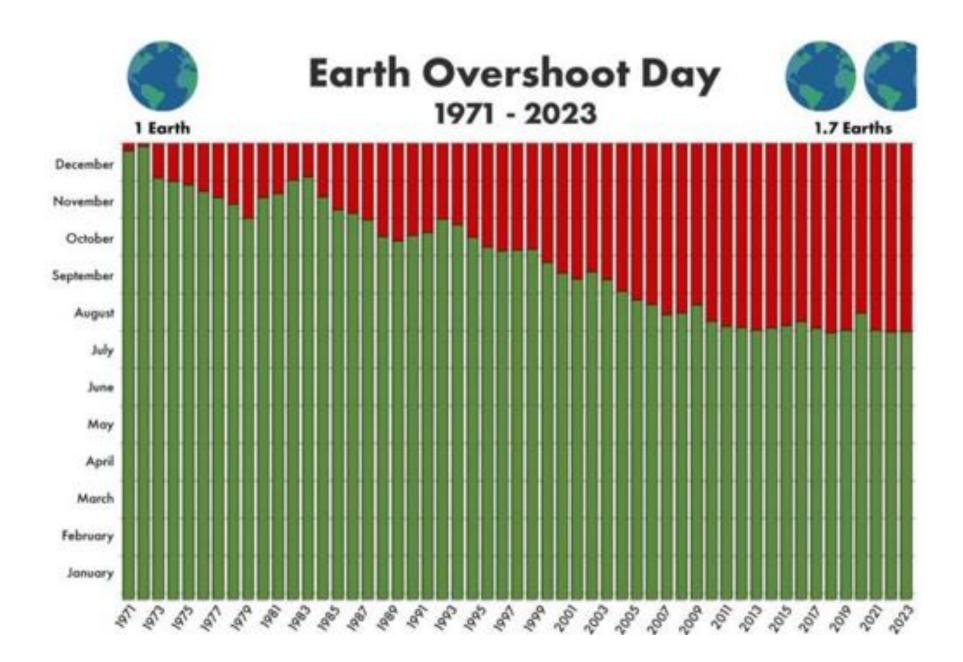


Learning Objectives

- 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 longterm 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







Regenerative Sustainability



Project Success: Value > Effort + Expense



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.

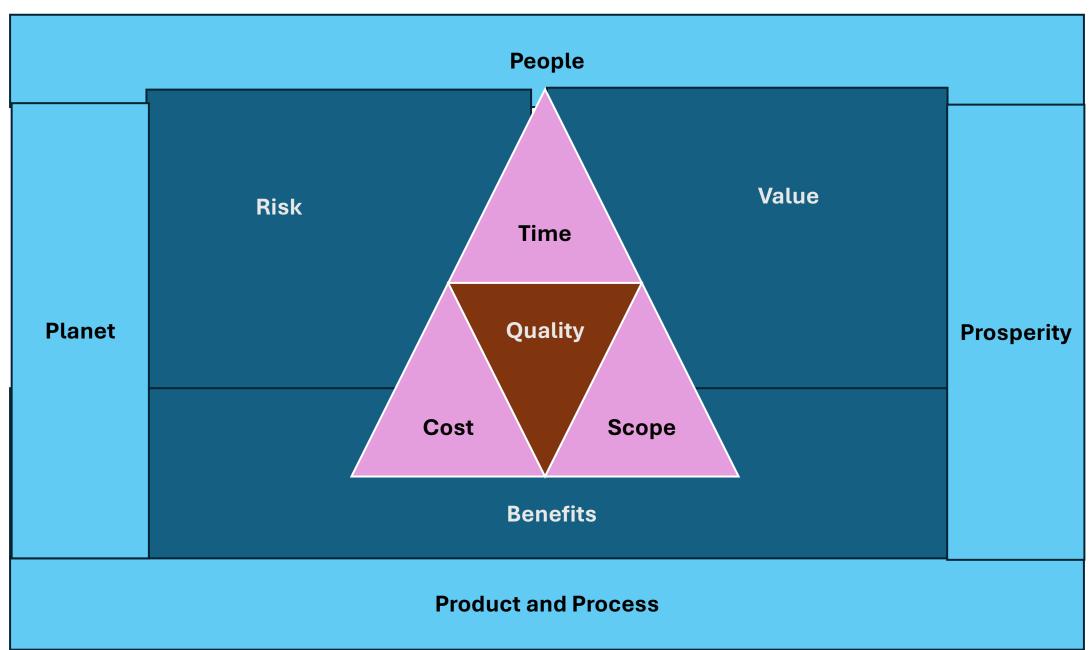
GPM insists that sustainability must be:

- 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



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		_		_	_
		_			_
			_		
	•	O.		_	

		Product Im	pacts			Process (Project Management) Impacts				
Lifespan of Product Servicin		g of Product Effectiveness of Project Processes		Efficiency of Project Processes		Fairness of Project Processes				
People (Social) Impacts			Planet (Environmental) Impacts			Prosperity (Economic) Impacts				
Labor Practices and Decent Work	Society and Customers	Human Rights	Ethical Behavior	Transport	Energy	Land, Air, and Water	Consump- tion	Business Case Analysis	Business Agility	Economic Stimulation
Employment and Staffing	Community Support	Non-discrimi- nation	Procurement Practices	Local Procurement	Energy Consumption	Biological Diversity	Recycling and Reuse	Modeling and Simulation	Flexibility/ Optionality	Local Economic Impact
Labor/ Management Relations	Public Policy/ Compliance	Age- Appropriate Labor	Anti- Corruption	Digital Communi- cation	CO2 Emissions	Water and Air Quality	Disposal	Present Value	Business Flexibility	Indirect Benefits
Project Health and Safety	Protection for Indigenous & Tribal Peoples	Voluntary Labor	Fair Competition	Traveling and Commuting	Clean Energy Return	Water Consumption	Contami- nation and Pollution	Direct Financial Benefits		
Training and Education	Customer Health and Safety			Logistics	Renewable Energy	Sanitary Water Displacement	Waste Generation	Return on Investment		
Organization al Learning	Product and Service Labeling							Benefit-Cost Ratio		
Diversity and Equal Opportunity	Mkt. Comm. and Advertising							Internal Rate of Return		
Local Competence Development	Customer Privacy									



























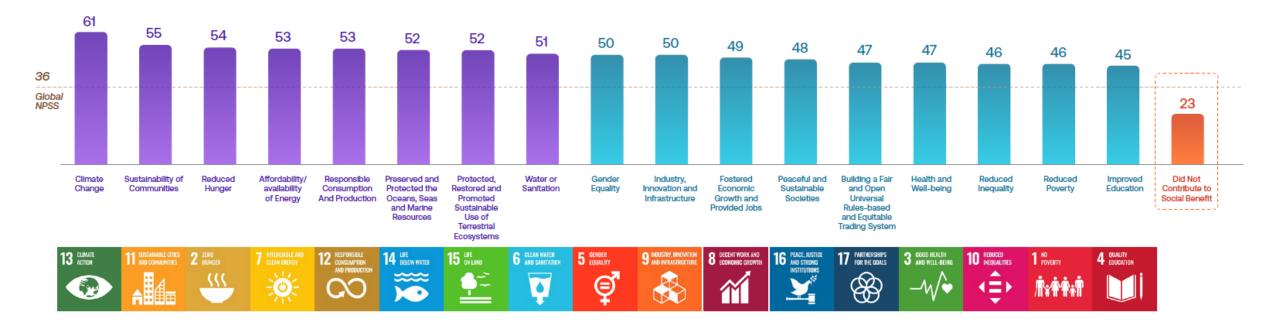








Alignment with SDG's

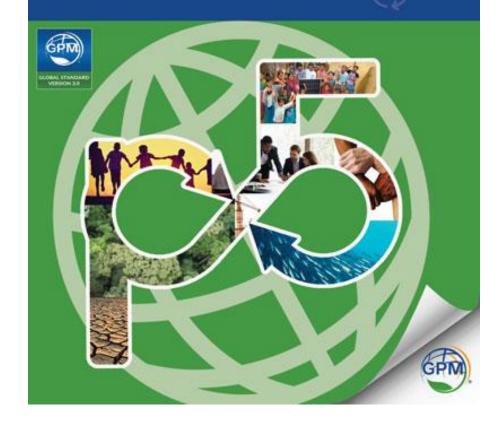


Survey question: What, if any, of these social goods were a benefit of the project? Base sizes: Some degree of social benefit $n \ge 304$; Did not contribute to social benefit n = 986.

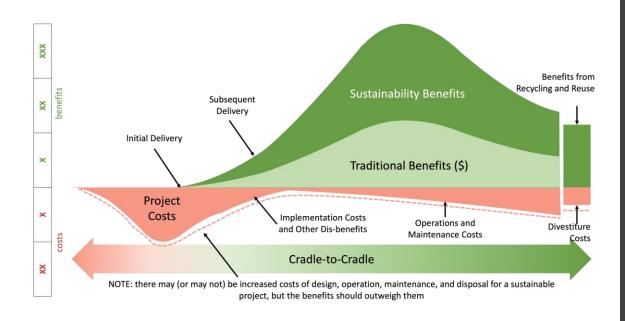
<u>United Nations Sustainable Development Goals isons.</u> The content of this publication has not been approved by the United Nations and does not reflect the views of the United Nations or its officials or Member States.

Core Principles and Frameworks

THE GPM® P5™STANDARD FOR SUSTAINABILITY IN PROJECT MANAGEMENT Version 3

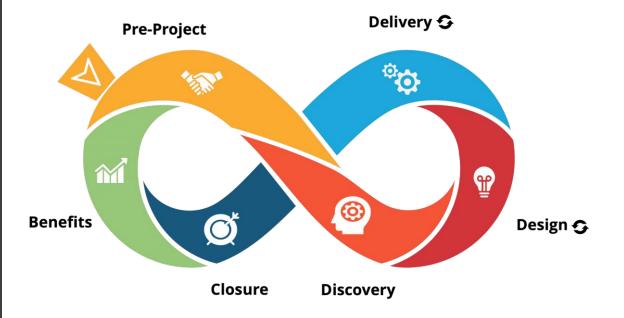


Integrating Sustainability into Project Lifecycles





PRojects integrating Sustainable Methods



Assessing Impacts on People, Planet, Prosperity



P5 Impact Analysis

P5 Impact Analysis (P5IA) Process

Identify and Assess Impacts on an Ongoing Basis

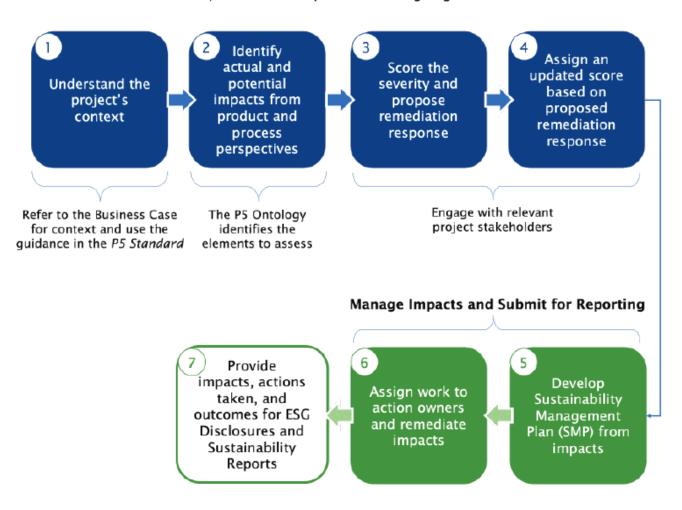
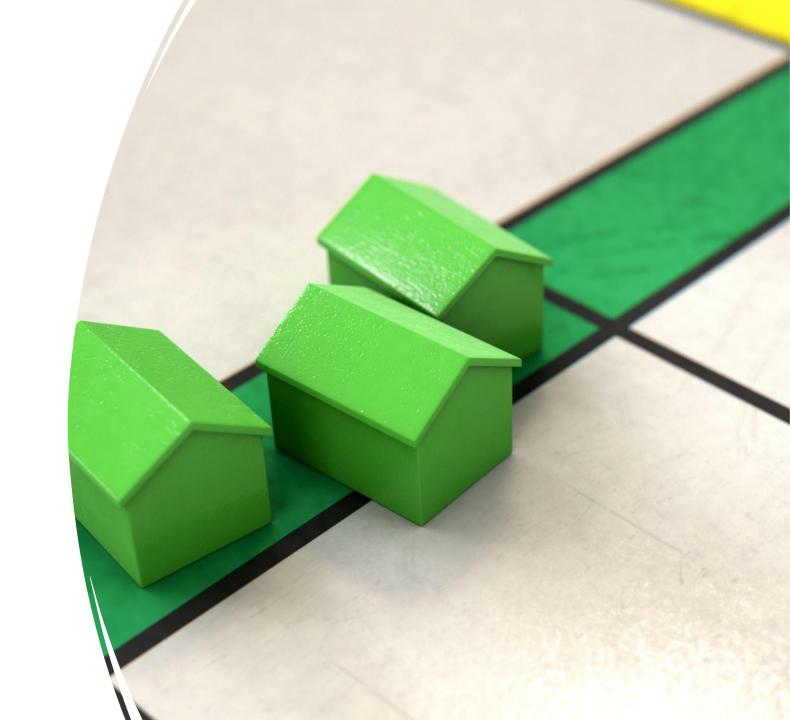
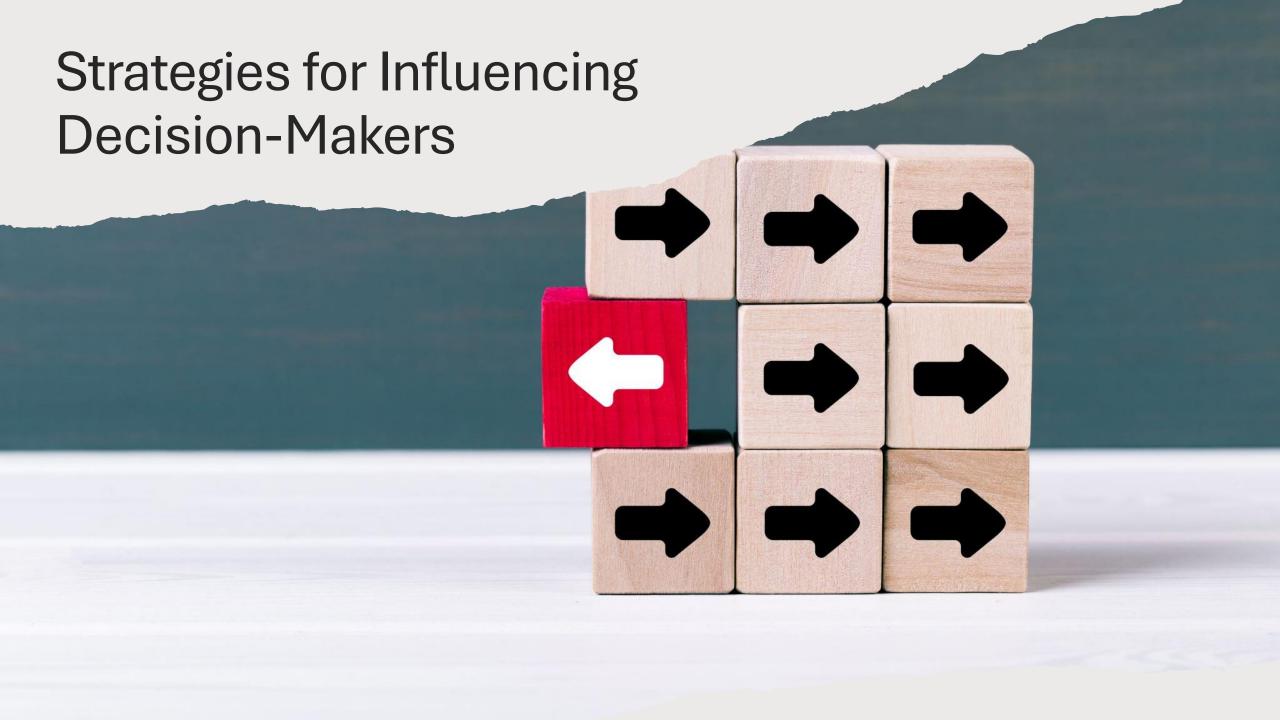


Figure 11 — Project Sustainability Impacts to Reporting/Disclosure Materiality

Overcoming Challenges and Driving Impact

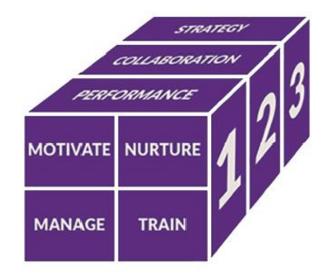
Common roadblocks in green project management







Actionable Options for Supervisors and Project Managers



David B. Newman & Lisa Hammer



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