

Crane Ridge Analytics
Sustainability Model Checklist

No	Discipline	Discipline:	Sub area	Description
1 Define Purpose and Scope				
		Strategic Planning		
			Objective Definition, Scope Planning	
1,1				Identify the objective of the sustainability model.
1,2				Determine the time horizon and scope of the model.
1,3				Specify the key outputs and deliverables.
2 Stakeholder Identification and Engagement				
		Stakeholder Management		
			Stakeholder Mapping, Engagement Strategies	
2,1				Identify key stakeholders and their interests.
2,2				Engage stakeholders through interviews, surveys, and workshops.
2,3				Document stakeholder roles and responsibilities.
3 Data Collection and Baseline Assessment				
		Data Management		
			Data Gathering, Baseline Analysis	
3,1				Gather relevant sustainability data (environmental, social, and economic metrics).
3,2				Validate the accuracy and completeness of the data.
3,3				Conduct a baseline assessment of current sustainability performance.
4 Define Sustainability Goals and Metrics				
		Sustainability Planning		
			Goal Setting, Metric Definition	
4,1				Define clear and measurable sustainability goals.
4,2				Identify key performance indicators (KPIs) to track progress.
4,3				Ensure goals align with broader organizational objectives and global standards (e.g., UN SDGs).
5 Model Structure and Design				
		Sustainability Modeling		
			Model Framework, Structure Design	
5,1				Plan the model layout and framework.
5,2				Use clear and consistent formatting (color-coding, labels, comments)
5,3				Ensure the model is flexible and scalable.
6 Financial Analysis				
		Financial Management		
			Cost-Benefit Analysis, ROI Calculation	
				Analyze the financial implications of sustainability initiatives.
				Conduct cost-benefit analysis and calculate return on investment (ROI).
				Assess financial risks and opportunities related to sustainability efforts.
7 Scenario and Sensitivity Analysis				
		Risk Management		
			Scenario Planning, Sensitivity Testing	
7,1				Develop multiple scenarios (best case, worst case, base case).
7,2				Conduct sensitivity analysis on key variables.
7,3				Analyze the impact of different assumptions on the model outcomes.
8 Implementation Strategy				
		Implementation Planning		
			Strategy Development, Resource Allocation	
8,1				Develop an implementation roadmap.
8,2				Define milestones and deliverables.
8,3				Allocate resources and assign responsibilities.
9 Monitoring and Reporting				
		Performance Management		
			KPI Monitoring, Sustainability Reporting	
9,1				Establish a system for monitoring sustainability performance.
9,2				Regularly track and report on KPIs.
9,3				Ensure transparency and accountability through sustainability reports.
10 Continuous Improvement and Review				
		Continuous Improvement		
			Review Process, Improvement Planning	
10,1				Regularly review and update the sustainability model.
10,2				Adjust goals and strategies based on new data and feedback.
10,3				Foster a culture of continuous improvement.
11 Communication and Stakeholder Engagement				
		Communication		
			Stakeholder Communication, Engagement Strategies	
11,1				Communicate sustainability progress to stakeholders.
11,2				Engage stakeholders through regular updates and feedback sessions.
11,3				Ensure transparency and build trust through open communication.