



CitA | **TECHLIVE** 2022

Challenge, Change, Learn

Welcome to TechLive 2022

by CitA, Ireland's premier
multidisciplinary construction
network.

Transforming the procurement landscape

How to be a Sustainability Leader in Construction (using technology)



Guiding Sustainable Growth

Donal Daly.





Climate Change is the defining problem for this generation's business leaders.

Sustainable growth is the largest, and most challenging, business transformation we will ever see.



LIVE BETTER

BUY BETTER

DESIGN BETTER

Future Planet Framework | Materiality Topics.

	1. LIVE Better	2. BUY Better	3. DESIGN Better
PEOPLE	1.1 Labour Practices, Employee Development	2.1 Social & Shared Value	3.1 Customer Welfare
	1.2 Employee Health & Safety	2.2 Human Rights & Community Relations	3.2 Community Health
	1.3 Diversity, Equality, Inclusion	2.3 Stakeholder Engagement & Collaboration	3.3 Market Communications
PLANET	1.4 GHG Scope 1,2 Management	2.4 GHG Scope 3 Management	3.4 Product Environmental Footprint
	1.5 Energy Management	2.5 Waste Management	3.5 Sustainable Forestry & Land Use
	1.6 Water Stewardship	2.6 Climate Adaptation	3.6 Biodiversity
	1.7 Air Quality & Pollution	2.7 Sustainable Logistics	3.7 Sustainable Packaging & Single Use Plastics
PROSPERITY	1.8 Risk Management & Sustainable Strategy	2.8 Sustainable Procurement	3.8 Circular Economy
	1.9 Privacy and Data Security	2.9 Materials Sourcing & Optimization	3.9 Business Resilience & Innovation
	1.10 Directors' Duties and Due Diligence	2.10 Governance & Business Ethics	3.10 Responsible Sales & Product Labelling
GOVERNANCE	Sustainable Development Goals (SDGs), Global Reporting Initiative (GRI), International Organization for Standardization (ISO), Sustainability Accounting Standards Board (SASB), Greenhouse Gases (GhG), Carbon Disclosure Project (CDP), Science Based Targets (SBTi), Task Force on Climate-Related Financial Disclosures (TCFD), International Sustainable Standards Board(ISSB), Corporate Sustainability Reporting Directive (CSRD), Climate Disclosure Standards Board (CDSB), et al.		

Sustainability is a Journey

**WHAT ARE THE
MATERIAL TOPICS?**

WHERE ARE WE TODAY?

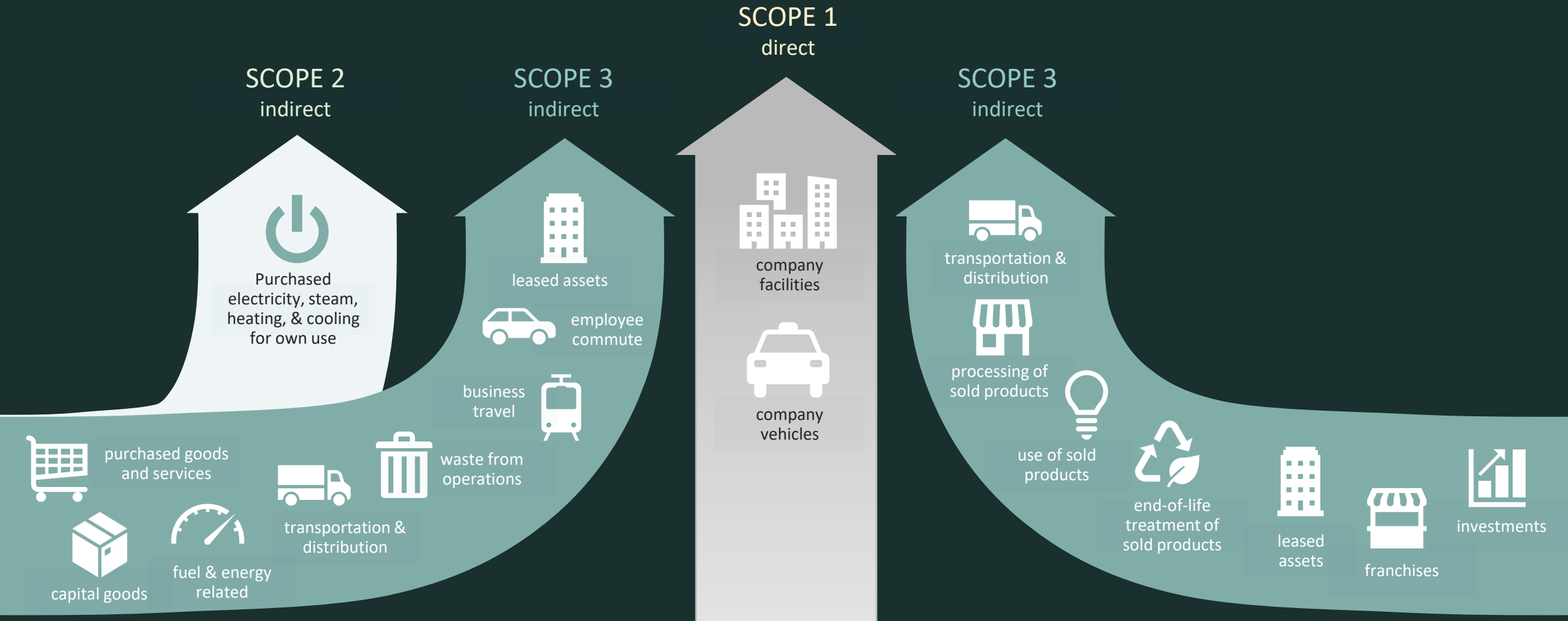
**WHAT IS THE RIGHT
TARGET?**

**WHAT ARE THE BEST
NEXT STEPS?**

**HOW TO MEASURE
PROGRESS**




GHG Emissions: Procurement is Critical



PROCUREMENT IS EVERYWHERE






	Project	Design	Planning	Construction	Asset Mngt	Demolition
Energy					●	
Materials		●	●	●		
Waste				●	●	●
Water				●	●	

“Traditional” Materiality Topic Focus





	Project	Design	Planning	Construction	Asset Mngt	Demolition
Energy	◆	◆	◆	◆	◆	◆
Materials	◆	◆	◆	◆	◆	◆
Waste	◆	◆	◆	◆	◆	◆
Water	◆	◆	◆	◆	◆	◆
People	◆	◆	◆	◆	◆	◆
Circularity	◆	◆	◆	◆	◆	◆
Sust. Proc.	◆	◆	◆	◆	◆	◆

Sustainable (Whole Lifecycle) Approach



Blueprint of a Sustainability Solution

Materiality
Assessment



Maturity Report
Baseline Measure



Sustainability
Transformation



ESG Metrics
& Reports



Collaboration & Communication Platform

ESG Standards, Frameworks, Knowledge and Learning

Data Input, Collection and Integrations

How technology helps



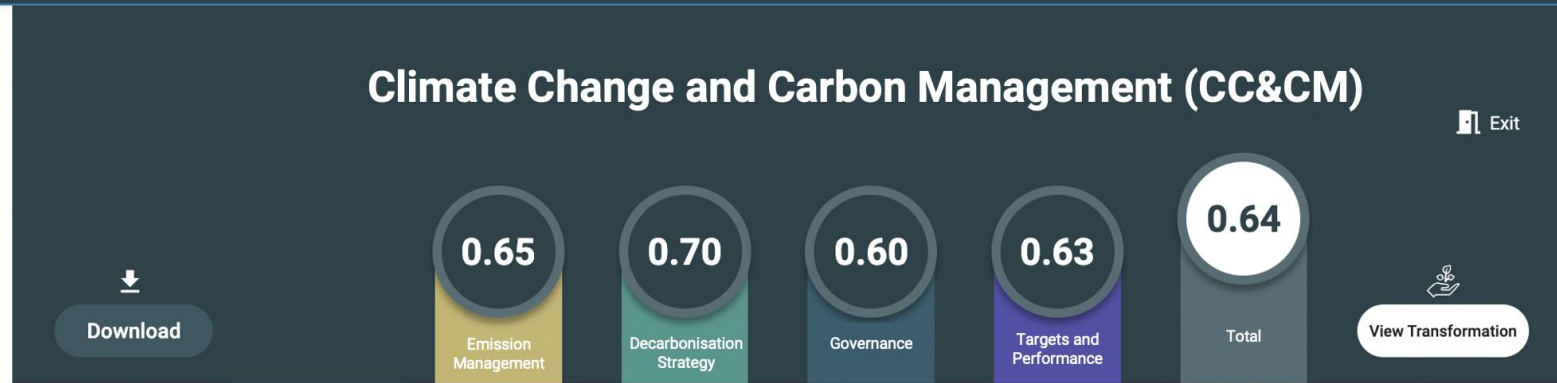
MATERIALITY MAP / PRIORITY



How technology helps



Create a digital record of current status, with gap analysis, scores, advice and actionable insights



0 (N/A) 1-49 50-89 90-100

Emission Management

Q: Has your business a detailed and quantifiable view on Scope 1 and Scope 2 baselines to recommend reduction projects ?

A: We have not completed a GhG assessment that will give us our baseline Scope 1 and 2 position across the business.

If you do not know where you are, it is difficult to know what you can achieve. If GhG reduction is important to your business, employ experts to assess your baseline or set up an internal GhG team to develop an initial course of action to get started.

It is not prioritised at all. It would be good to have GhG consultants in to support the internal team. Reducing their GhG emissions is a material and high priority part of their decarbonization strategy.

Recommendation: Completion of GhG Scope 1 and 2 assessment and quantification baseline.

Decarbonization Strategy

Q: Has your business adopted a structured carbon management approach that outlines and addresses risks and opportunities.

A: Our decarbonization strategy outlines the prioritization of scope 1 and scope 2 risks and opportunities. We have developed functional action plans with specific projects.

It is good to see that you have selected and are implementing specific projects to reduce GhG. Ensure you have a standardised way of measuring and reporting the performance. Check out digital solutions.

Note: The prioritisation matrix indicates this is a high priority and while they have developed plans with specific projects, they are lacking in measuring and standardizing performance reporting .

Gaps Identified: Standardised performance measurement and management system



How technology helps

The screenshot displays a software interface for managing sustainability transformations. It is divided into several sections:

- Transformation Details:** Features a header for "GALAXY" and a specific transformation "1. Climate Change and Carbon Management (CC&CM)" with a timeline from 24 May 2022 to 31 December 2025. It includes an objective statement and a selection of SDGs (3, 6, 9, 11, 12, 13, 14, 15).
- Metrics:** A section for tracking performance with a table for "CCM-01: Quantify baseline scope 1 emissions in absolute tonnes in CO2e and Intensity per £ revenue". The table includes columns for Unit, Baseline, Target, Actual, and Due date. An "Update" button is present.
- Initiatives:** A list of tasks such as "CC&CM-01: Complete a baseline Scope 1 and 2 Assessment" and "CC&CM-06a: Engage with energy providers to review tariff and supply agreement". Each initiative has a due date and an assigned owner.
- Calendar:** A small calendar widget showing the month of November 2022, with the 30th highlighted.

At the top right, there is a user profile section for "CC and CM Team" and "Owner".

Manage the transformation, link to SDGs and track ESG metrics



Future Planet Sustainability Themes



NET ZERO
ESSENTIALS



SUSTAINABLE
STRATEGY



SOCIAL
ESSENTIALS



SUSTAINABLE
SUPPLY CHAIN



SUSTAINABLE
ECOSYSTEM



SUSTAINABLE
COMMUNITIES

Future Planet Construction Essentials



Energy
Management



Water
Stewardship



Waste
Management



Sustainable
Procurement



Diversity, Equality
& Inclusion

Materiality
Assessment

Maturity Report
Baseline Measure

Sustainability
Transformation

ESG Metrics
& Reports

Context

Priority

Baseline

Gap Analysis

Collaboration

Action Plan

Internal

External



The SISK Story



Sustainability Roadmap



Our 2030 Sustainability Roadmap Overview



We Achieve Our Sustainability Goals Faster



Our System	ROI	ROI - People Productivity means reduction in required FTEs (Immediate ROI)	ROI - Reputation Proof for all stakeholders, shows sustainability goals and plans – full audit trail of progress prevents greenwashing	ROI - Business Continuity Transparent information store, all knowledge, project and metrics progress is available in the platform
	Smart Works	Embedded Knowledge Pre-loaded research and knowledge of global standards and frameworks, enables real savings in time and money	Baseline & Priorities Guides us to know starting point and establish priorities based on proximity of target date	Broad – Not Just Energy Comprehensive sustainability solution. Not just energy - platform includes procurement, waste, water, circular economy, diversity & Inclusion, etc.
		Sustainability Catalyst Everyone got up and running quickly. Platform is used for all working group meetings and board reporting (no more PPTs and spreadsheets)	Collaboration Tool Easy cloud access means all stakeholders (Procurement, Operations, C-suite, Legal, Finance, etc.) are engaged in our sustainability journey	Extensible & Configurable We have customised the output and built our own custom transformations with our own custom metrics

“The Future Planet platform is such an important element of our sustainability transformation. In essence, it is a one-stop shop.”

SINÉAD HICKEY
HEAD OF SUSTAINABILITY

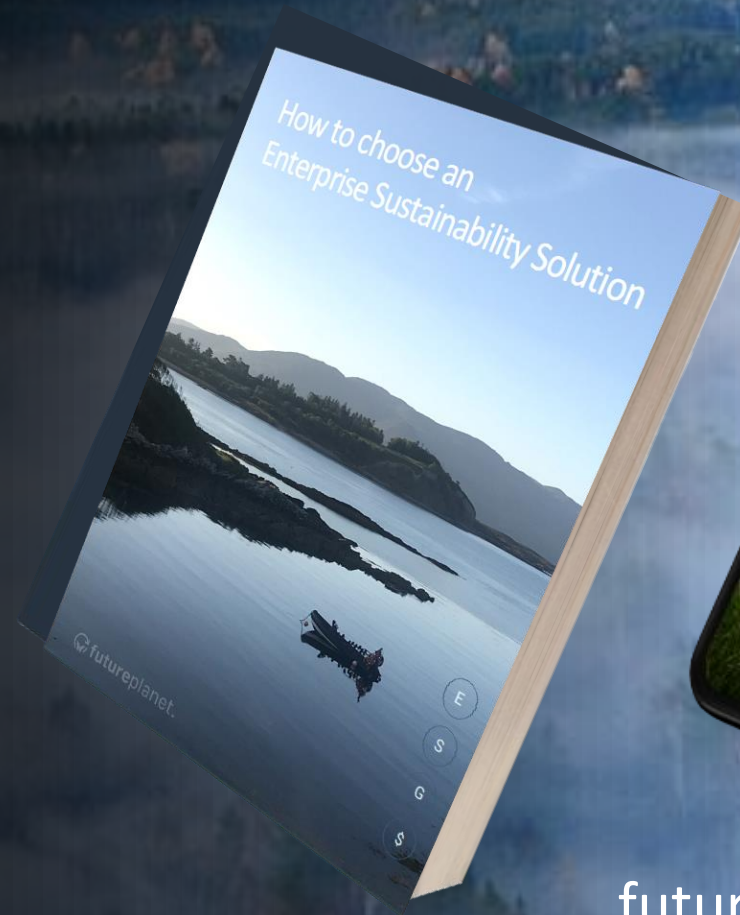


RESOURCES

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Guiding Sustainable Growth



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