ISCC Technical Stakeholder Briefing

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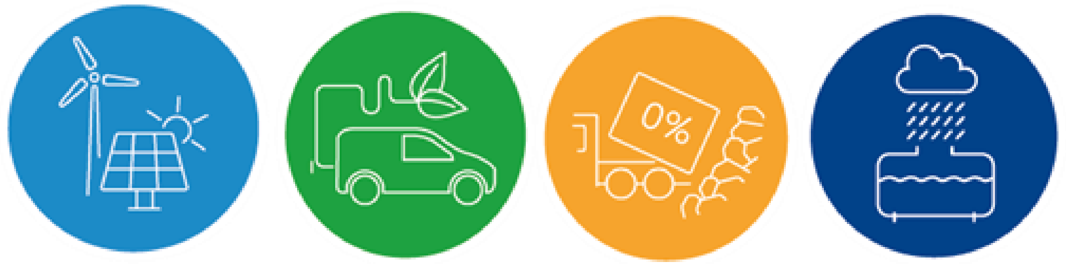
We are Planet Passionate

Planet Passionate
10 year programme over 4 key areas
Energy, Carbon, Circularity, Water
Focusing on building on our Net Zero Energy programme (2011 - 2020)
Aligned to 1.5degree scenario



2020

50% reduction in Primary Supply Partners carbon intensity

Net Zero Carbon Manufacturing by 2030

20% energy generated onsite across Kingspan Group (~ 167 GWh as of 2022)

All wholly owned facilities to have rooftop solar PV

Zero Manufacturing waste to landfill

2021 -22

Major Onsite generation projects

900kWp Wind Turbine - Holywell, UK
~ 36.6GWh rooftop solar potential across Group

667kWp Rooftop solar PV install - Kingscourt, IE

Investment in H2 Green Steel

2023

Launch of QuadCore LEC
21% reduction (GWP Total A1 - A3)
~ 25.7kgCO_2e/m2 (AWP)

~ 50% recycled content

Internal Carbon Price €70/t

2024 - 2030

So, what are the next steps?

And why is this important?

Clear targets | Transparent reporting | External verification | Life Cycle Assessment | Investment | *Data drives all!*

Why does the sector need to decarbonise?

11% of total GHG emissions come from building materials

Carbon budgets have been set which cap and demand reductions in emissions from the sector

Regulation
Part L, EPC rating rescaling, EPBD, EPR schemes

Carbon Taxation

Reporting requirements
TCFD, CSRD, EU Taxonomy

The global 'green economy' is expanding in reach and the sector must align to grow

Ethics / Value / Purpose

Net Zero Commitments
LETI , RIBA, UKGBC

Commercial differentiator
LEED, BREEAM, nZEB

Where is the sector today?

Developing shared Net Zero Building Standards

Implementing extended producer responsibility schemes

Embedding the use of Life Cycle Assessment for products and buildings

Demanding lower upfront carbon now

How might we get there?

Mass balance is being discussed across many platforms

European Commission to set regulatory precedent within Single Use Plastics directive Rolling list of standards to include these criteria and how to measure	Standardisation Committees such as the CENT TC 350. Working Group 3 and other task forces
CPR Acquis introducing general environemntal criteria Rolling list of standards with certain materials given specific ;slots' for discuss	EPD scheme operators
Membership bodies such as Eco Platform - decision to not allow (for now)	Certification scheme operators such as ISCC

Challenges & Opportunities

01

Recognition of approach

Other sectors have employed the mass balance approach for many years, however within the built environment it is not well recognised or understood as a methodology.

Education is required across the sector about the accountancy method and purpose of the approach.

02

Concern about Greenwash

Initial feedback from parties discussing the approach or considering implementation raise the concern of greenwash.

Evidence gathered and shared on how the mass balance approach could support the transition away from fossil-based products could open the dialogue

03

Funding the transition

Upstream supply chain have heavily invested in existing manufacturing processes and supplier networks.

Mass balance could be seen as a pathway to fund the transition, enabling manufacturers a period to adopt the required segregation methods for direct inclusion.

Closing remarks

Regulation

Important to demonstrate the certification and audit procedures already in place to ensure proper accounting

Transition

Mass balance isn't the end goal - but it will fund the transition and should be seen as an enabler of innovation

Education

Improving levels of understanding deepens the discussion on the mass balance approach and enables sectors to openly work though queries or concerns