

Material & Product Manufacturers

Immediate Actions:	Progress by 2025:	Progress by 2030:
All manufacturers and suppliers commit to their specific industry roadmaps, or publish their own, which include carbon reduction targets, investment required, and timelines to Net Zero Carbon (NZC).	Investment committed to major industry supply chain decarbonisation roadmaps.	Industrial decarbonisation ongoing via energy efficiency, material substitutions, fuel switching, and investment in CCS and hydrogen infrastructure.
All manufacturers begin developing EPDs for product portfolio, aiming for a minimum of A1-A5 + C + D (EN15804 and externally verified) and working towards 40% of their standard product portfolio (in terms of embodied carbon impact) by 2025, with minimum thresholds and support and subsidies for SMEs.	All manufacturers have declared the embodied carbon of the top 40% of their standard product portfolio via EPDs.	All manufacturers have declared their entire standard product portfolios via EPDs. i.e. 100% EPD by 2030 (with suitable minimum thresholds).
All manufacturers and suppliers to develop embodied carbon reduction plans for their products and operations, focusing on reducing materials, energy usage, manufacturing waste, packaging and transport needs. Circular approaches (designing for deconstruction, reuse, Modern Methods of Construction (MMC) and Design for Manufacture and Assembly (DfMA)) are prioritised.	Increased provision and utilisation of material take-back and refurbished product schemes.	Re-used material usage widespread.
Contribute to central industry database (BECD) capturing embodied carbon at product level through EPDs (EPD A-D to EN15804 & externally verified).	Develop material passport standards, tools and databases, with support of industry bodies.	Material passports established and adopted by industry.
Product suppliers to provide enhanced support, technical guidance and training for product installation to help ensure construction quality and overcome performance gap.	Development and innovation within key product supply chains supports NZC energy and embodied carbon targets.	Product development and innovations helps deliver NZC targets.
Key supply chains for domestic retrofit (heat-pumps, insulation) conduct market analysis (with support of newly formed Retrofit Agency and local delivery programmes) to better understand demand, forecast material needs, and guarantee capacity to scale up whilst minimising embodied carbon of expected products.	Embodied carbon reduction plans established for key supply chains for domestic retrofit, minimising emissions from expected products.	Robust low carbon supply chains for domestic retrofit.