

## Contractors

| Immediate Actions:   | Progress by 2025:   | Progress by 2030:  |
|--|---|--|
| <p>Develop and implement training and capacity building to deliver Net Zero Carbon (NZC) targets internally and with key suppliers and sub-contractors, supported by Professional Institutions, covering all pertinent sources of emissions during the construction process:</p> <ul style="list-style-type: none"> <li>• Establishing baseline carbon literacy across staff.</li> <li>• Transport and site (modules A4-A5) &amp; upfront carbon issues.</li> <li>• Closing the energy performance-gap.</li> <li>• Ensuring sub-metering is fully operational.</li> <li>• Processes for avoiding demolition and facilitating deconstruction to optimise reuse of materials.</li> </ul> | <p>All contractors are carbon competent in delivering low carbon solutions, with knowledge embedded throughout workforce via appropriate CPD and training programmes.</p>   | <p>Carbon reduction established as fundamental requirement within construction works, alongside Health and Safety.</p>   |
| <p>All contractors track construction site emissions, measuring and monitoring all emissions from transport (A4), construction processes (A5), as well as materials quantities brought on to site and material wastage rates. Site carbon data should inform the project's carbon assessment and be fed into an industry database (Built Environment Carbon Database (BECD)).</p>  | <p>All contractors require at least 50% of on-site construction (construction vehicles and processes) to be fossil fuel free (transition to 100% by 2030), including eliminating the use of red diesel onsite (through using electric plant and equipment, hydrogen power or biofuel from waste).</p> | <p>Zero emissions from on-site activity / all construction sites are highly resource and energy efficient and, along with site-related transport processes, are powered by renewable energy.</p> |
| <p>Work with supply chain to set operational and embodied carbon reduction targets, require mandatory disclosure of supply chain data, track construction site emissions, and request EPDs (EPD A-D to EN15804 &amp; externally verified) from all supply chains (driving towards 40% of all products, in terms of carbon impact, by 2025).</p>  | <p>EPDs declared for 40% of construction materials and products used in supply chain.</p>   | <p>All contractors have declared 100% of supply chain products and materials via EPDs. i.e. 100% EPD by 2030 (with suitable minimum thresholds).</p>   |
| <p>Include carbon reduction targets and reporting commitments explicitly in all documents, as a deliverable of the construction process, using PAS 2080 (or equivalent standard).</p>  | <p>Share 'good/best practice' case studies from using PAS2080. 80% of projects achieve PAS 2080 verification (or equivalent standard).</p>  | <p>100% of projects achieve PAS 2080 verification (or equivalent standard).</p>  |
| <p>Increase investment (time and / or cost) in low carbon innovation, including role of Modern Methods of Construction (MMC) and Design for Manufacture and Assembly (DfMA) approaches.</p>  | <p>Analysis of role of MMC and DfMA approaches drawn from delivered projects has informed corporate strategies and policies.</p> <p>Full suite of documents driving low carbon outcomes available for new projects based on continuous improvement and learning from previous projects.</p>           | <p>MMC and DfMA approaches play a critical role in delivering low carbon outcomes.</p>   |
| <p>Ensure robust systems are in place to ensure quality standards and mitigation of performance gaps.</p>  |   |  |



## Contractors (continued)

| Immediate Actions:   | Progress by 2025:  | Progress by 2030:                            |
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| Carry out detailed pre-refurbishment and pre-demolition audits, to ensure that existing materials can be kept at their highest value. Provide material resource and disassembly plans for completed buildings.                                       | Register of assets as material banks available and design for deconstruction common place. |  |
| Engage in the design stages to work with designers to de-risk low carbon designs, ensure buildability and optimise procurement.  |  | Low carbon design outcomes are achieved.     |
| Domestic contractors to assess existing retrofit capabilities and develop a skills training and recruitment plan for PAS 2030/2035 to guarantee retrofit supply chain capacity, including providing support for upskilling experienced tradespeople. | Training and upskilling of employees in domestic retrofit is ongoing.                      | All domestic contractors are retrofit-ready. |
| Tier 1 contractors to achieve verification of their carbon management processes to PAS 2080, or have a verified carbon management and reduction plan accredited to ISO14064 or equivalent.   |  |  |