



## Infrastructure Owners

Immediate Actions:	Progress by 2025:	Progress by 2030:
Owners of existing assets to commission studies on how they might best reduce operational carbon, recognising that in many cases (e.g. roads) it is the users of those assets who produce most emissions.	Commit to and disclose science-based targets in line with net zero pathway.	Progressive tightening of targets in line with net zero trajectories and industry carbon budgets.
Ensure operational investment plans align with the national net zero obligation, including retrofitting decarbonisation to existing asset operations and their use.		
Include carbon reduction targets and reporting commitments in project briefs as deliverables of the design. Use PAS 2080 (or equivalent standard) as the reference document for this.	80% of projects achieve PAS 2080 verification (or equivalent standard).	100% of projects achieve PAS 2080 verification (or equivalent standard).
Develop net zero strategies for asset system maintenance, refurbishment and low-cost upgrade (i.e. not major project), including identifying big-ticket actions for targeting reductions.	Implement approaches to improve capabilities to measure and reduce embodied and operational carbon over the whole lifecycle of the asset and ensure carbon reduction targets remain progressive over time with industry advancements.	
Share carbon reduction data openly via industry-wide central embodied carbon database (Built Environment Carbon Database (BECD)) for the purposes of benchmarking and performance improvement, and commit to sharing own best practice across the supply chain / sectors and learning from and adopting others best practice where possible.	Commit to using an agreed industry-wide set of carbon emission factors for construction products and buildings materials that are used consistently across all infrastructure projects.	All projects use an agreed industry-wide set of carbon emission factors.