Infrastructure Designers

Immediate Actions:	Progress by 2025:	Progress by 2030:
Develop and implement internal training and capacity building to deliver Net Zero Carbon (NZC) as a core design and/or consultancy service.	High levels of carbon competence and skills amongst Infrastructure Designers, with knowledge embedded in CPD and PI Membership criteria.	All Infrastructure Designers are key change agents, challenging project teams and clients to achieve lowest carbon design strategies.
Proactively recommend and adopt carbon measurement and carbon reduction methodologies in all projects for both design and construction, regardless of whether clients are requesting them. Use PAS 2080 (or equivalent standard as the reference document).		
Conduct Whole Life Carbon (WLC) assessments for all projects above £10m.	Conduct WLC assessments for all projects above £5m.	Conduct WLC assessments for all projects.
Include carbon reduction targets and reporting commitments explicitly from the client, as a deliverable 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).
Contribute carbon reduction data to an industry-wide central carbon database (Built Environment Carbon Database (BECD)) for the purposes of benchmarking and performance improvement, and to sharing own best practice across the supply chain / sectors and learning from and adopting others best practice where possible.		
Actively instigate early collaboration with the client and across the value chain, including with product manufacturers and the O&M team to deliver on the carbon requirements, and inform the development of approaches and standards.		
Automate production and delivery of CO_2e information through design and construction by using integrated approaches to data creation and management. This will inform optimal solutions through the build phase and streamline delivery of information to clients.		