

Measuring and Reporting Near Zero Emissions in the Built Environment: A Standardized Methodology

As governments, investors, and industry leaders work to reduce emissions from buildings and infrastructure, this session presents a practical, asset-level approach to measuring and reporting whole-life carbon. The webinar highlights consistency, transparency, and life-cycle thinking, with emphasis on the RICS Whole Life Carbon Assessment Standard, 2nd Edition.

Participants will explore how strong data supports credible assessments, including the use of primary and secondary data, Environmental Product Declarations, and strategies for maintaining data quality throughout an asset's life. The session also addresses building reliable data systems aligned with project realities and reporting requirements. We will examine how digital tools and artificial intelligence (AI) support data collection, embodied carbon estimation, and performance prediction—while emphasizing transparency and expert oversight.

Finally, the webinar reviews global policy trends, standardized reporting requirements, and connections to life cycle costing, procurement decisions, and low- or zero-carbon technologies. Attendees will leave with practical knowledge to measure and disclose near-zero-emission performance using a credible, internationally applicable framework.



Anil Sawhney, Ph.D. PMP FHEA FRICS, Head of Sustainability, Royal Institution of Chartered Surveyors

Anil Sawhney, as the Head of Sustainability at the Royal Institution of Chartered Surveyors (RICS), leads a range of global initiatives to achieve RICS's strategic goals in sustainability leadership and influence. He is instrumental in shaping the knowledge, guidance, and training frameworks within the built environment sector, emphasizing environmental sustainability. Additionally, Anil holds adjunct positions at Boston University, Liverpool John Moores University, and the University of Southern California. His diverse experience spans academia, research, industry, and consulting in various countries, including the USA, India, Canada, the UK, and Australia. Anil has co-authored publications like the "Construction 4.0-Innovation Platform for the Built Environment" and "Handbook of Construction Safety, Health, and Well-being in the Industry 4.0 Era." As the chair of the Standard Setting Committee of the International Cost Management Standard (ICMS), he contributes to developing the ICMS taxonomy for lifecycle costs and carbon emissions reporting of projects and assets. He also contributes his expertise to the Stakeholder Advisory Group of the UK Collaboratorium for Research in Infrastructure and Cities (UKCRIC) and the FAST-Infra Label Executive Advisory Committee, furthering his impact in the field.

Date

March 6th, 2026

Location

Virtual via Zoom
(See email for link)

Time

11:20AM - 12:20PM