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Embedding ESG and Energy Efficiency in Construction: An Engineering-Led Approach

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Abstract

The construction sector has a significant impact on energy consumption, carbon emissions, and environmental performance across the project lifecycle. As expectations around ESG performance continue to rise, construction companies are increasingly required to move beyond policy commitments and demonstrate measurable, engineering-driven sustainability outcomes. This presentation explores how ESG principles and energy-efficiency strategies can be effectively embedded into construction projects through a practical, execution-focused approach.