

















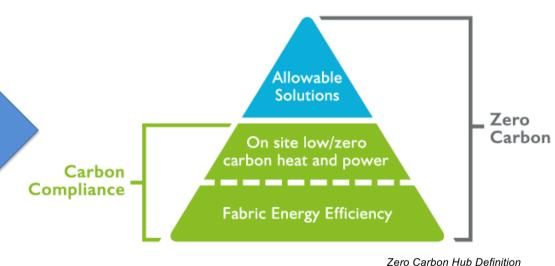


Operational Emissions – Net Zero



1973

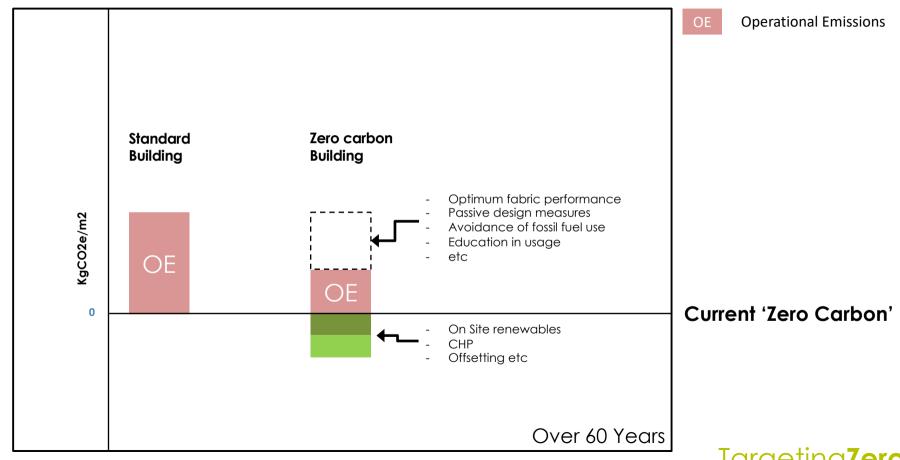
Zero Carbon Policy



Energy Performance in Buildings Directive:

Requires all new buildings to be nearly Zero Energy Buildings from 2020.

Operational Emissions – Net Zero

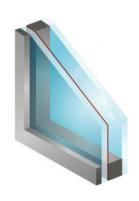


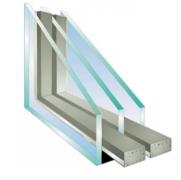
Carbon Emissions – Cost / Benefit





Double or triple glazing 60 years life cycle

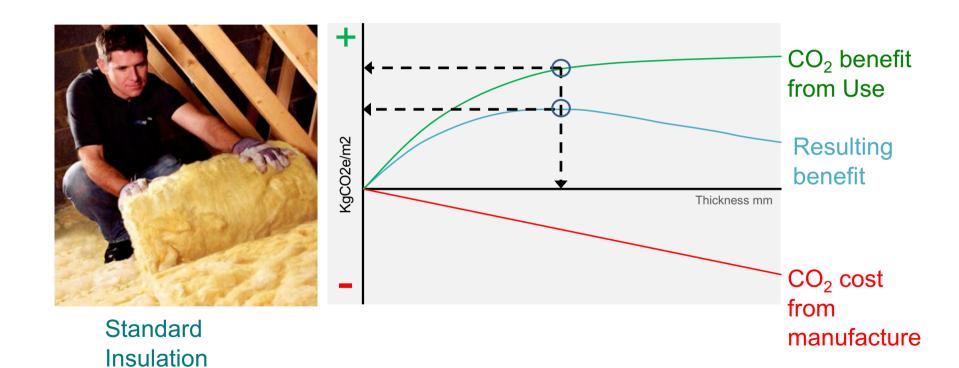




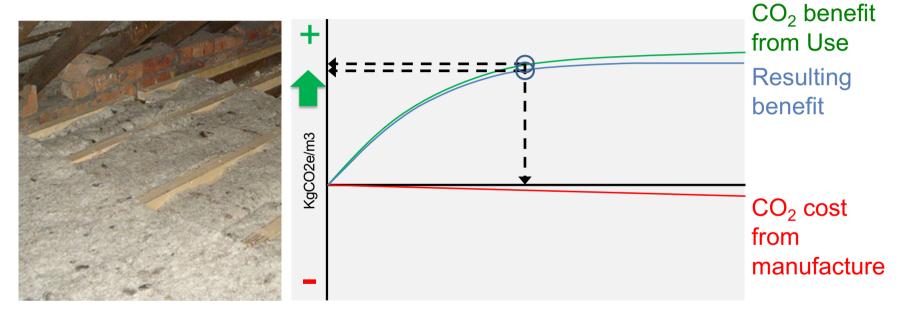
Benefit of 3rd sheet
Cost of 3rd sheet

= 11,661 kgCO₂e = 13,193 kgCO₂e

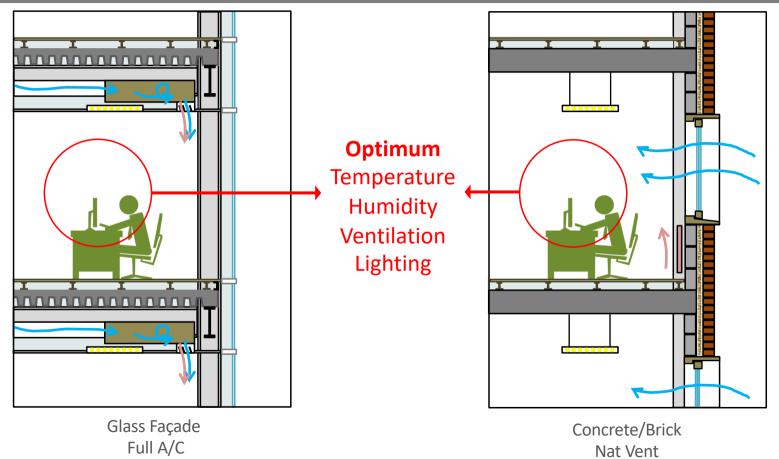
Carbon Emissions – Cost / Benefit



Carbon Emissions – Cost / Benefit



Natural Fibre Insulation







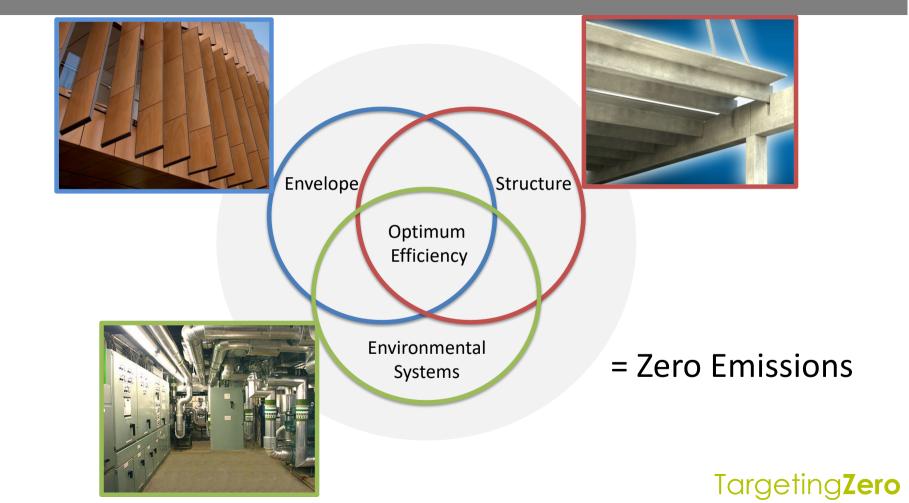




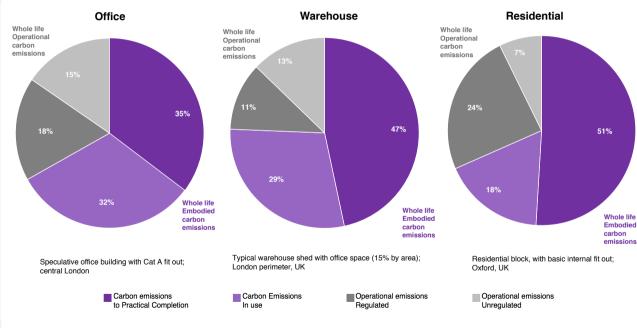


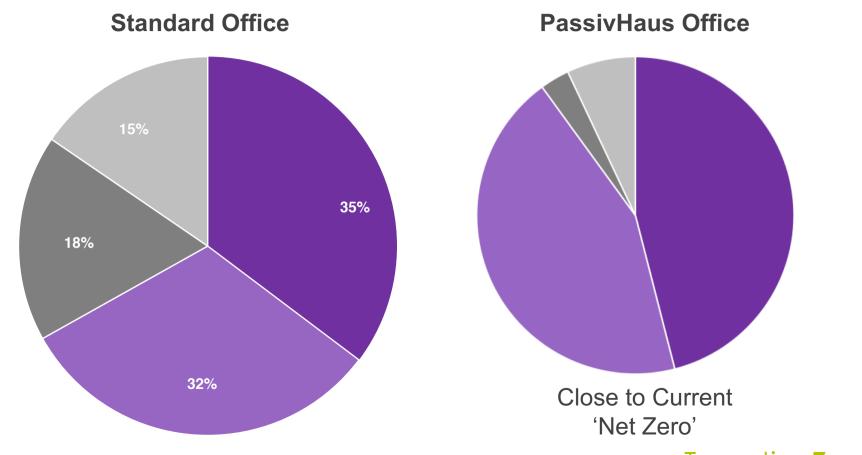


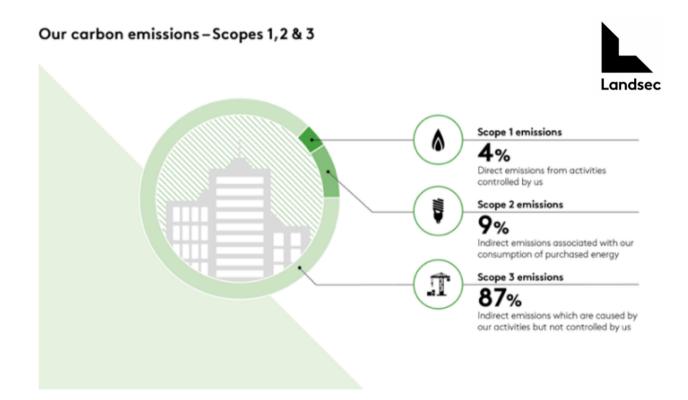
Targeting**Zero**





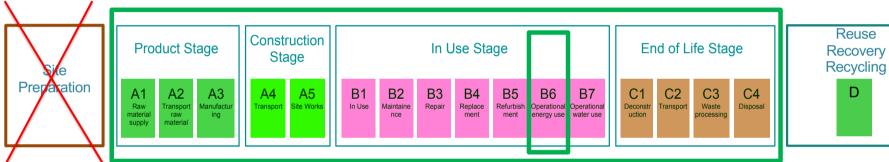






'Net Zero' – Scope of Definition

EN 15978 and RICS PS

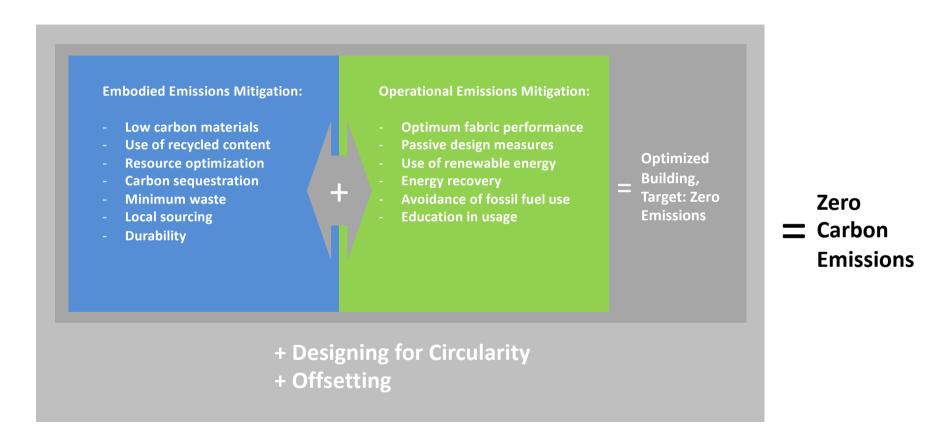


Whole Life Carbon = Zero

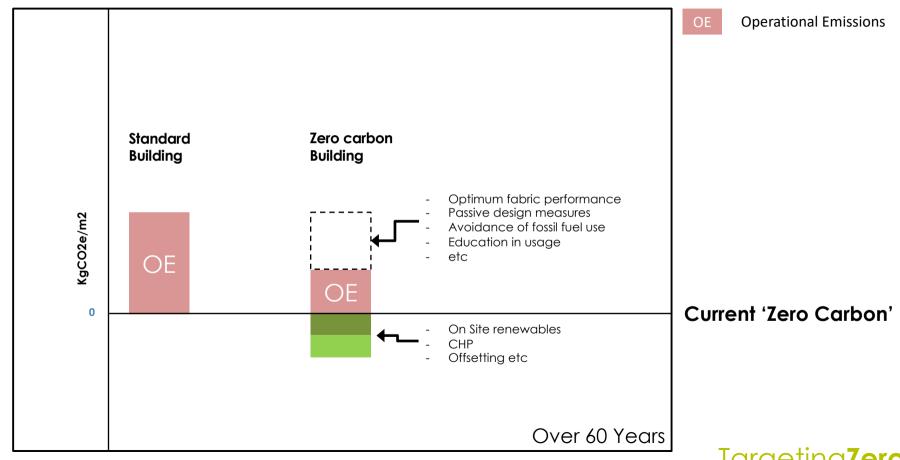




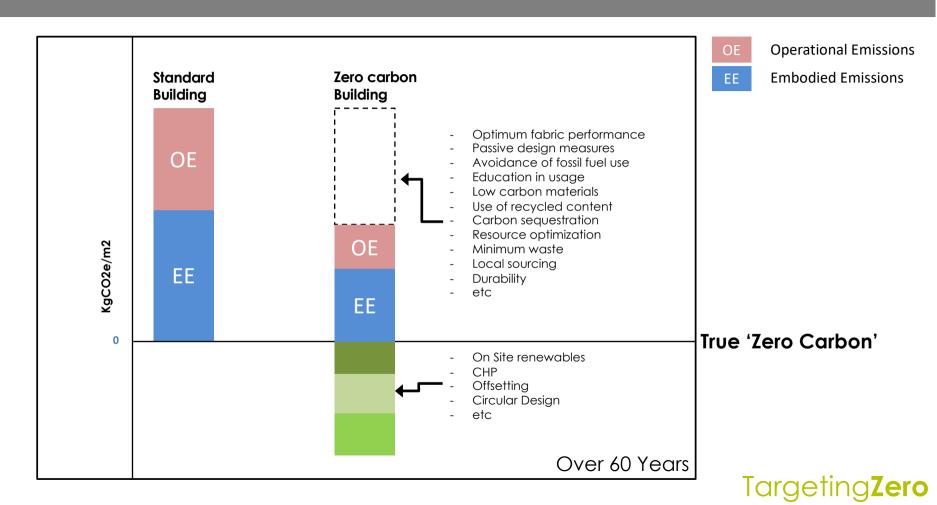
Whole Life Zero Carbon



Operational Emissions – Net Zero



Whole Life Zero Carbon



'Net Zero' Definitions - UKGBC

