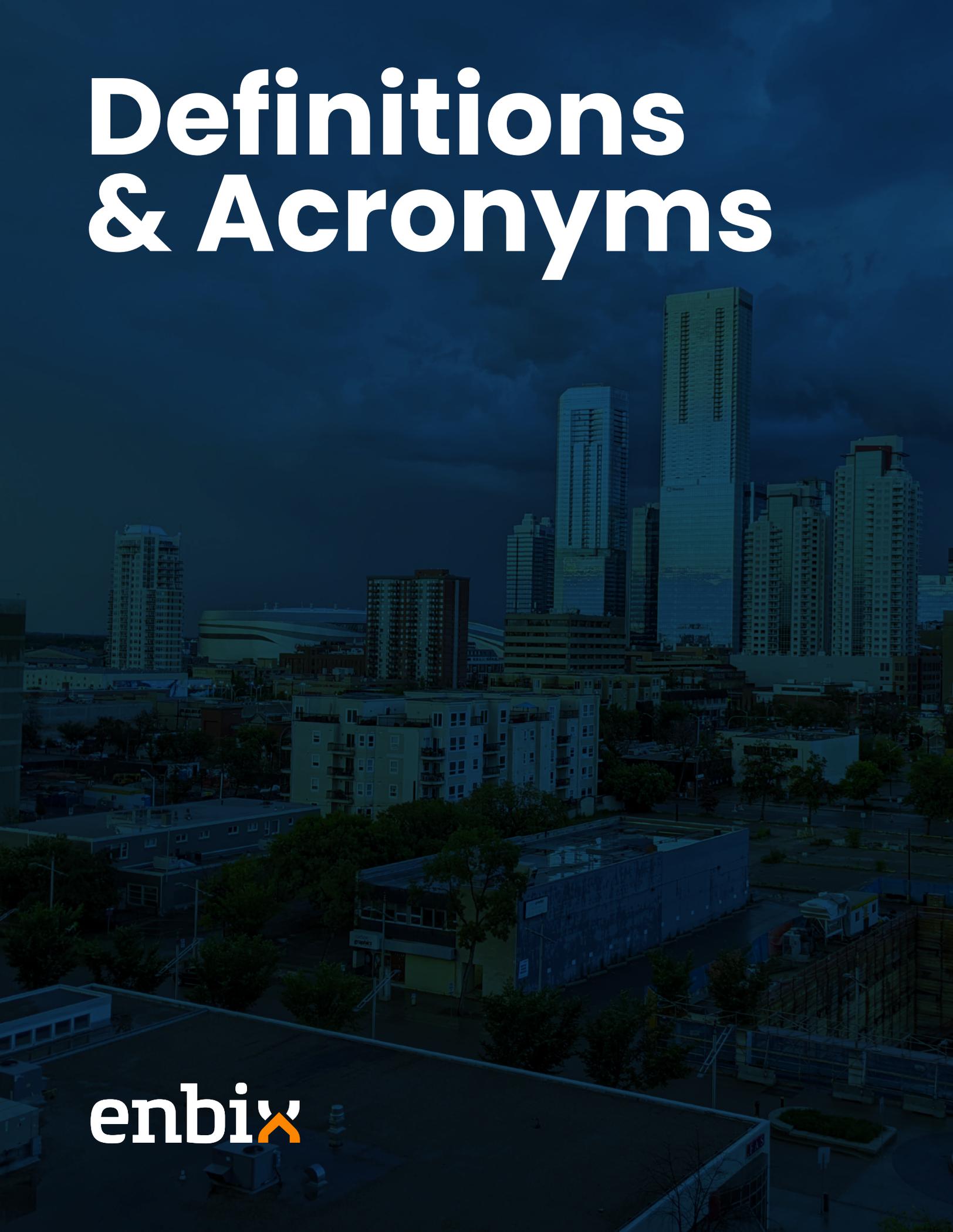


Definitions & Acronyms

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Definitions & Acronyms

Deep Retrofit – A deep retrofit usually includes reducing energy demand and switching from fossil fuels to electricity for space and water heating - to achieve 70% energy savings and 80% to 100% GHG emissions reductions (The Canada Green Buildings Strategy Discussion Paper July 2022)

Embodied Carbon – refers to the carbon emissions associated with materials and construction process throughout a building’s life cycle. (Canada Green Building Council 2022)

Emissions Neutral Building – An emission neutral building is one that is highly energy efficient and uses only renewable energy for its operations, OR produces and supplies onsite renewable energy in an amount sufficient to offset the annual greenhouse gas emissions associated with its operations (City of Edmonton Community Energy Transition Strategy and Action Plan)

High Performance New Construction – Constructed to the highest energy efficiency requirements feasible (The Canada Green Buildings Strategy Discussion Paper July 2022)

Net Zero Emissions - Refers to a state in which GHG emissions emitted into the atmosphere is balanced by the removal of GHG out of the atmosphere (Calgary Climate Strategy, 2022)

Net Zero Emissions Buildings - A building that is highly energy-efficient that produces on-site, or procures, emissions-free renewable energy or high-quality carbon offsets to counterbalance the annual carbon emissions from building materials and operations. (Calgary Climate Strategy, 2022)

Acronyms

AAA - Alberta Association of Architects

ACA - Alberta Construction Association

AEEA - Alberta Energy Efficiency Alliance

AEF - Alberta Ecotrust Foundation

APEGA - Association of Professional Engineers and Geoscientists of Alberta

BOMA - Building Owners and Managers Association

BILD - Building Industry and Land Development Association

CAGBC - Canada Green Building Council

CAA - Consulting Architects of Alberta

CCA – Calgary Construction Association

CEA - Consulting Engineers of Alberta

CHBA - Canadian Home Builders Association

COC - City of Calgary

COE - City of Edmonton

ECA - Edmonton Construction Association

EMRB - Edmonton Metropolitan Regional Board

ENBIAG - Emissions Neutral Building Industry Advisory Group

NAIMA - North American Insulation Manufacturers Association

NAIOP - Commercial Real Estate Development Association (Calgary or Edmonton)

NAIT - Northern Alberta Institute of Technology

NRCan - Natural Resources Canada

SAIT - Southern Alberta Institute of Technology

SSRIA – Smart Sustainable Resilient Infrastructure Association

UDI - Urban Development Institute

ZEBx - Zero Emissions Building Exchange