

OUR JOURNEY TO SUSTAINABLE BUILT ENVIRONMENT

Hong Kong's Milestone

<p>1995</p> <p>Enactment of Building (Energy Efficiency) Regulation that governs the thermal performance of building envelopes on commercial buildings and hotels</p>	<p>1996</p> <p>Establishment of HK-BEAM Society (currently BEAM Society Limited) and launch of HK-BEAM New & Existing Office Buildings (Version 1/96 & 2/96)</p> 
<p>1998</p> <p> Launch of Hong Kong Energy Efficiency Registration Scheme for Buildings by Electrical and Mechanical Services Department (EMSD), which promotes the use of Voluntary Energy Codes for various kinds of building services installations</p>	<p>1999</p> <p>Launch of HK-BEAM Version 3/99 – the pioneer high-rise residential rating scheme</p>
<p>2004</p> <p>Launch of HK-BEAM for New & Existing Buildings (Version 4/04 & 5/04)</p>	<p>2000</p> <p>Launch of IAQ Certification Scheme</p>
<p>2009</p> <p> Establishment of the Hong Kong Green Building Council (HKGBC)</p> <p>Release of "Green Government Building" circular by the HKSAR Government</p> <p>Launch of "Buildings Energy Efficiency Funding (BEEF) Scheme" by EMSD to subsidise building owners to carry out energy-cum-carbon audits and energy efficiency improvement projects</p>	<p>2007</p> <p>Establishment of Construction Industry Council (CIC)</p>  <p>2010</p> <p>Launch of BEAM Plus scheme after a comprehensive revision of the HK-BEAM rating tool</p> <p>Launch of "BEAM Professionals" green building professionals accreditation scheme</p>
<p>2012</p> <p>Enactment of Buildings Energy Efficiency Ordinance (Cap. 610) and mandatory implementation of Building Energy Code and Energy Audit Code</p> <p> Opening of CIC - Zero Carbon Park, the first zero carbon building in Hong Kong</p> <p> Launch of HK3030 Campaign by the HKGBC (Target: To reduce the absolute electricity consumption of buildings in Hong Kong by 30% by 2030, from 2005 level)</p> <p> HKGBC's admission to Established Membership of the World Green Building Council (WorldGBC)</p>	<p>2011</p> <p>Promulgation of Practice Notes on:</p> <ul style="list-style-type: none"> - Building Design to Foster a Quality and Sustainable Built Environment (PNAP APP-151) – BEAM Plus becomes one of the prerequisites for applying for GFA concessions - Sustainable Building Design Guidelines (PNAP APP-152), which sets out new requirements on greening, building separation and setback  <p>2013</p> <p>Launch of BEAM Plus Interiors V1.0</p> <p>Release of the first Clean Air Plan for Hong Kong</p> <p>Release of Hong Kong Blueprint for Sustainable Use of Resources 2013-2022 (Target: To reduce the per capita disposal rate of municipal solid waste by 40% by 2022)</p> <p>Sustainable Building 2013 Hong Kong Regional Conference</p>
<p>2014</p> <p>Release of Green Tenancy Driver for Office Buildings</p> <p>Release of Health, Wellbeing and Productivity in Offices: The Next Chapter for Green Building Research Report with WorldGBC</p> <p>Release of Market Drivers for Transformation of Green Buildings in Hong Kong at the HK3030 – Market Drivers towards Sustainable Built Environment Policy Forum</p> <p>Launch of "BEAM Affiliate" green building supporting personnel accreditation scheme</p> <p>Launch of Practice Note PNAP APP-156 that governs the thermal performance of building envelope on residential buildings and encourages good natural ventilation in flats</p> <p>Launch of Eco Building Fund and Smart Power Fund by the two power companies to subsidise building owners to carry out energy efficiency improvement projects</p>	<p>Hosting of the first edition of Hong Kong Green Building Week (A citywide public campaign promoting green building and green living)</p> <p>Release of Hong Kong Green School Guide</p> <p>Release of Hong Kong Green Shop Guide</p> <p>Launch of Green Building Product Listing Service</p> <p>Inclusion of mandatory BEAM Plus Gold requirement in land sales conditions for new private developments in Kowloon East</p> <p>Commencement of operation of the first multi-user District Cooling System (DCS) in Hong Kong</p>
<p>2016</p> <p>Launch of BEAM Plus Neighbourhood V1.0</p> <p>Launch of Hong Kong 2030+: Towards a Planning Vision and Strategy Transcending 2030</p> <p>Release of Hong Kong Biodiversity Strategy and Action Plan</p>	<p>2015</p> <p>Release of Energy Saving Plan for Hong Kong's Built Environment 2015-2025+ (Target: To reduce Hong Kong's energy intensity by 40% by 2025)</p> <p>Release of Hong Kong Climate Change Report 2015</p> <p>Launch of Green Product Accreditation and Standards (HK G-PASS) (To assess the environmental performance of construction materials or products)</p> 
<p> Launch of Hong Kong Green Shop Alliance (A platform fostering a green shopping environment)</p> <p> Launch of ACT-Shop (To enhance the energy efficiency of existing buildings via retro-commissioning)</p> <p> Launch of HKGBC Benchmarking and Energy Saving Tool (HK BEST) (To provide recognition and promote energy efficiency in buildings)</p> <p>Release of Hong Kong Green Office Guide</p> <p>Commencement of green finance initiatives (such as green bonds and green loans) in large local corporations, which helps to further promote green building</p>	<p>2017</p> <p>Release of Hong Kong's Climate Change Action Plan 2030+ (Target: To reduce Hong Kong's carbon intensity by 65-70% by 2030 compared with the 2005 level)</p> <p>WSBE Conference 2017 in Hong Kong, China (Welcomed 1,800 delegates from 57 countries & regions)</p>  <p>Launch of HKGBC Guidebook on Urban Microclimate Study</p>
<p>2019</p> <p> The HKGBC committed to participate in the WorldGBC's "Advancing Net Zero" project (Aims to promote and support the acceleration of net zero carbon buildings to 100% by 2050)</p> <p>Launch of CIC Green Product Certification (Merge of the Carbon Labelling Scheme by the CIC and HK G-PASS by the HKGBC)</p> <p> Launch of CIC Carbon Assessment Tool</p> <p> Launch of CIC Carbon Assessment Tool</p> <p>Retro-Commissioning Significant Savings at Minimal Cost</p> <p>Launch of Retro-commissioning Training and Registration Scheme</p> <p>Launch of BEAM Plus Existing Buildings Volume Certification</p> <p>Release of Tips for NGOs to Transform their Existing Buildings</p> <p>Launch of Renewable Energy Certificates by the two power companies to promote voluntary offset of carbon emissions</p>	<p>2018</p> <p>Commencement of HKGBC Jockey Club Green and Smart Community Buildings Project, in which HKGBC assists a number of NGOs to transform their buildings</p> <p>Signing of Memorandum of Co-operation (MoC) on Retro-commissioning of Buildings in Guangdong-Hong Kong-Macao Greater Bay Area among EMSD, HKGBC and several important institutions</p> <p>Establishment of Construction Innovation and Technology Fund</p>  <p>The first edition of CIC Sustainable Construction Award</p>  <p>Release of Green Design Guide for Material Resources Optimisation in Building Life Cycle</p> <p>Launch of HKQAA Green Finance Certification Scheme</p> <p>Launch of Feed-in-Tariff (FIT) scheme by the two power companies to encourage building owners to retrofit renewable energy installations on their buildings; EMSD also launched the "Solar Harvest Scheme" for schools and NGOs accordingly</p> <p>Launch of accelerated tax deduction for expenditure on energy efficient building installations under EMSD's Energy Efficiency Registration Scheme for Buildings</p>
<p>2021</p> <p> Announcement of Hong Kong's Climate Action Plan 2050</p> <p>Launch of BEAM Plus New Data Centres and Existing Data Centres V1.0</p> <p>Launch of iBEAM, the first ever locally developed green building cloud data platform</p> <p>Launch of green mortgage plans (linked to BEAM Plus Gold rating) by various local banks</p> <p>Establishment of CIC Sustainable Finance Certification Scheme</p> <p> Launch of Hong Kong's first-ever Advancing Net Zero (ANZ) Ideas Competition</p> <p>Launch of International Conference on Advancing Net Zero</p> <p>Launch of Hong Kong Smart Green Building Design Best Practice Guidebook</p> <p> Launch of Eco-Product Directory (Online directory of certified green building products)</p>	<p>2020</p> <p>WSBE2020 </p> <p>Launch of Jockey Club BEAM Plus in Schools Project (Engaged 125 schools)</p>  <p>Launch of EV-charging at Home Subsidy Scheme by the Government to subsidise building owners to retrofit EV charging facilities in residential carparks</p> <p>Signing of Memorandum of Co-operation (MoC) with City University of Hong Kong (Industry Ready Programme)</p> <p>2022</p> <p>Launch of iBEAM Unison platform that enables data exchange with BIM</p>  <p>Launch of BEAM Plus Existing Schools V1.0</p> <p>Release of Advancing Net Zero (ANZ) Ideas Competition 2021 E-book</p> <p>Signing of Memorandum of Co-operation (MoC) on Building Energy Saving Retrofit in Guangdong-Hong Kong-Macao Greater Bay Area among EMSD, HKGBC and several important institutions</p> <p>Launch of "Green Schools 2.0 – Energy Smart" programme by EMSD to assist schools to upgrade building services installations</p>
<p>2024</p> <p> Completion of development of BEAM Plus Existing Buildings (Global Version) V1.0</p> <p>Signing of Memoranda of Understanding (MoUs) with 13 developers, property management companies, institutions, and state-owned enterprises from Hong Kong and the Greater Bay Area to explore applying BEAM Plus to properties outside Hong Kong</p> <p> Launch of Net Zero Energy Building Certification</p> <p> Commencement of BEAM Plus Energy Saver in Schools Project</p> <p> Publication of leaflet on Decarbonisation Directions for Hong Kong Construction Industry</p>	<p>2023</p> <p>Launch of HKGBC Climate Change Framework For Built Environment</p>  <p>Launch of Zero-Carbon-Ready Building Certification Scheme</p>  <p>Launch of HKGBC Retrofitting Guidebook</p> <p>Launch of HKGBC Guidebook for Sustainable Built Environment</p> <p>Launch of the first BEAM Plus rating tool for interior fit-out works in residential flats</p> <p>Launch of Sustainable Construction Charter</p>  <p>Development of CIC Smart Waste Management Tool</p>  <p>Buildings Department announced a new performance-based GFA concession mechanism that is linked to BEAM Plus ratings (revised PNAP APP-151), which will come into operation on 30 June 2024</p> <p>Expansion of the Memorandum of Co-operation (MoC) on Retro-commissioning of Buildings and Energy-saving Retrofitting of Existing Buildings in the Greater Bay Area has included the China Association of Building Energy Efficiency (CABAA) as a signatory party</p>
<p>2025</p> <p>Anticipated completion of development of BEAM Plus New Buildings (Global Version)</p> <p>2030</p> <p>China's commitment to achieve the peak of carbon emissions in 2030</p> <p>2035</p> <p>Hong Kong's interim decarbonisation targets to achieve a 50% reduction in carbon emissions by 2035</p> <p>2060</p> <p>China's pledge to achieve carbon neutrality by 2060</p>	<p>2020</p> <p>WSBE2020</p> <p>Launch of Jockey Club BEAM Plus in Schools Project (Engaged 125 schools)</p>  <p>Launch of EV-charging at Home Subsidy Scheme by the Government to subsidise building owners to retrofit EV charging facilities in residential carparks</p> <p>Signing of Memorandum of Co-operation (MoC) with City University of Hong Kong (Industry Ready Programme)</p> <p>2022</p> <p>Launch of iBEAM Unison platform that enables data exchange with BIM</p>  <p>Launch of BEAM Plus Existing Schools V1.0</p> <p>Release of Advancing Net Zero (ANZ) Ideas Competition 2021 E-book</p> <p>Signing of Memorandum of Co-operation (MoC) on Building Energy Saving Retrofit in Guangdong-Hong Kong-Macao Greater Bay Area among EMSD, HKGBC and several important institutions</p> <p>Launch of "Green Schools 2.0 – Energy Smart" programme by EMSD to assist schools to upgrade building services installations</p> <p>2023</p> <p>Launch of HKGBC Climate Change Framework For Built Environment</p>  <p>Launch of Zero-Carbon-Ready Building Certification Scheme</p>  <p>Launch of HKGBC Retrofitting Guidebook</p> <p>Launch of HKGBC Guidebook for Sustainable Built Environment</p> <p>Launch of the first BEAM Plus rating tool for interior fit-out works in residential flats</p> <p>Launch of Sustainable Construction Charter</p>  <p>Development of CIC Smart Waste Management Tool</p>  <p>Buildings Department announced a new performance-based GFA concession mechanism that is linked to BEAM Plus ratings (revised PNAP APP-151), which will come into operation on 30 June 2024</p> <p>Expansion of the Memorandum of Co-operation (MoC) on Retro-commissioning of Buildings and Energy-saving Retrofitting of Existing Buildings in the Greater Bay Area has included the China Association of Building Energy Efficiency (CABAA) as a signatory party</p> <p>2050</p> <p>Hong Kong's goal to achieve carbon neutrality by 2050</p>

