



# **Buildings Department Environmental Report 2025**



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We are delighted to present the Environmental Report 2025 of the Buildings Department (BD). This report shares our vision and commitment to fostering a sustainable built environment for Hong Kong, while outlining our progress and key achievements in meeting our environmental targets.

2025 was another remarkably productive year for us. Following the successful launch of the final stage of the Electronic Submission Hub (ESH) in mid-2024 to accept all types of plan submissions and significantly reduce paper usage, BD proactively expanded its digital capabilities at all fronts. Subsequent to launching our first Building Information Modelling (BIM) Tool for automated checking of floor area information, we successfully rolled out additional BIM Tools for the automated checking of sanitary fitments provision, fire safety requirements, and structural plan compatibility in March 2025, followed by the openBIM Tool for automated assessment of building separation in December 2025. These innovative plan-checking systems continue to revolutionise our building control services and substantially advance our transition towards a paperless workflow. With the support of stakeholders, ESH saved over 123 000 sheets of A1-sized paper drawings and over 7.7 million pages of paper documents as at end 2025.

In our continuous efforts to refine the building control mechanisms and promote sustainable developments, we introduced significant updates to the gross floor area (GFA) concession policy for parking facilities. Through the revised Practice Note for Authorized Persons, Registered Structural Engineers and Registered Geotechnical Engineers (PNAP) APP-2, we relaxed GFA concessions for both private and public car parks. Notably, the previous requirement to construct underground car parks as a prerequisite for disregarding aboveground car parking floors from GFA calculations was removed. This change allowed for a more practical aboveground option of up to two carparking floors, thereby minimising the need for complex excavation and basement construction. As a result, this amendment effectively shortens overall construction time, reduces construction and demolition waste, and lowers development costs.



By aligning public and private car park GFA concession arrangements, these measures collectively drive a more cost-effective and environmentally sustainable building process.

In line with our commitment to promoting ageing in place, BD had collaborated with relevant bureaux to establish a comprehensive framework of elderly-friendly design requirements for private developments. Implementation would be organised in two stages. The administrative stage was completed in mid-2025 through the promulgation of updated Practice Notes with the granting of incentives, a revised Design Manual, and the launch of the voluntary Elderly-Friendly Building Certification Scheme. The mandatory stage will follow shortly, with amendments to the Building (Planning) Regulations scheduled for implementation in 2026.

I would like to take this opportunity to express my heartfelt gratitude to our colleagues and external partners for their invaluable contributions and continued support in our sustainability journey. Together, let us continue to strive toward creating a safer, and more sustainable and inclusive built environment for the present and future generations.

**Mr HO Chun-hung, JP**  
Director of Buildings

## SUSTAINABLE ORGANISATION

### 1.1. Our Approach

- Our Vision:** To make the built environment safe and healthy for our community.
- Our Mission:** To set and enforce safety, health and environmental standards for private buildings.
- Our Culture:** To go the extra mile in serving our customers and the community in general.

BD is committed to promoting building safety, developing and enforcing safety, health, and environmental standards for private buildings, striving to improve the quality and sustainability of our built environment. We firmly uphold core responsibilities under the remit of the Buildings Ordinance (BO), as well as playing an active role in supporting relevant initiatives and policies of the Government.

### 1.2. Management Commitment

BD endeavours to cultivate a sustainable culture within and beyond the organisation through a robust sustainability management mechanism with an aim to support the Government's sustainability agenda. The Director of Buildings, together with the senior management - including a Deputy Director and six Assistant Directors - plays a pivotal role in decision making on key policies that encompass economic, social, environmental and sustainability aspects.

The approach of collaboration and harmonisation is well embedded in BD's management mechanism, driving our implementation of sustainability-related programmes. Our senior management team regularly reviews existing policies and assesses social and environmental performance to identify potential impacts on sustainability-related matters through maintaining active communication with different stakeholders.

Since 2010, we have been an Associate Member of the Hong Kong Green Building Council and have actively participated in its Committee work to promote environmental performance assessment and advance sustainable building practices.

## SUSTAINABLE BUILT ENVIRONMENT

It is our strategy to establish our statutory requirements as well as administrative guidelines to support the development of a sustainable built environment and to facilitate the adaptive re-use of heritage buildings with the goal of providing a high-quality living and built environment for both present and future generations of Hong Kong.

### 2.1. Modernising Building Design Standards

As an ongoing initiative of enhancing sustainable development, we are continuously reviewing and proposing revisions to building standards as needed. This is to implement a performance-based building control system and enhance the standards for the design and construction of buildings and associated works under the BO.

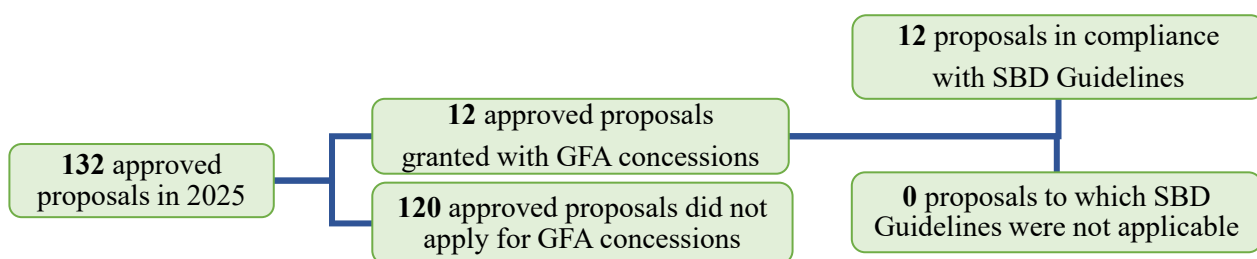
| Targets                                                                                                                                                                      | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>● <i>Review of the Building (Planning) Regulations (B(P)R)</i></li> </ul>                                                             | <ul style="list-style-type: none"> <li>◆ The review to convert the prescriptive requirements into performance-based standards was ongoing.</li> </ul>                                                                                                                                                                                                                                                                                                                |
| <ul style="list-style-type: none"> <li>● <i>Review of the Building (Standards of Sanitary Fitments, Plumbing, Drainage Works and Latrines) Regulations</i></li> </ul>        | <ul style="list-style-type: none"> <li>◆ The second stage of legislative amendments resulting from the review was targeted to be submitted to the Legislative Council in 2027.</li> </ul>                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"> <li>● <i>Formulation of a Code of Practice on Seismic-resistant Design Standards for Buildings in Hong Kong (Seismic Code)</i></li> </ul> | <ul style="list-style-type: none"> <li>◆ The Steering Committee had accepted the initial draft of the Seismic Code and Explanatory Notes, which took into account the key comments and views received during the interim consultation with industry stakeholders. This Code would provide detailed technical guidelines for assessing the effects of seismic actions on buildings. Further consultation with stakeholders on the Code would be conducted.</li> </ul> |

| Targets                                                                                                                                                                                                                                                                                                         | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>● <i>Review of Building Energy Efficiency requirements</i></li> </ul> <p>To review the Residential Thermal Transfer Value (RTTV) and Overall Thermal Transfer Value (OTTV) in accordance with the “Energy Saving Plan for Hong Kong’s Built Environment 2015~2025+”.</p> | <ul style="list-style-type: none"> <li>◆ The RTTV standards were reviewed and tightened up in February 2022 and the next review would be completed by 2030.</li> <li>◆ The OTTV standards were reviewed and tightened up in August 2019. The second review was completed and standards were further tightened up and took effective in December 2025.</li> </ul>                                                                                                                                                                                                                  |
| <ul style="list-style-type: none"> <li>● <i>Review of the relevant design requirements pertaining to ventilation within and between buildings</i></li> </ul>                                                                                                                                                    | <ul style="list-style-type: none"> <li>◆ The review of the following design requirements to further foster a quality, sustainable and liveable built environment was underway: <ul style="list-style-type: none"> <li>• Enhancing the design of re-entrants and light wells to improve ventilation within buildings.</li> <li>• Enhancing the design of communal podium gardens and sky gardens for better ventilation between buildings.</li> <li>• Enhancing ventilation performance standards for lavatories to achieve a healthier indoor environment.</li> </ul> </li> </ul> |

## 2.2. Promoting Green and Sustainable Building Developments

Since 2001, BD has been working with the Planning Department and LandsD to offer incentives for developers to adopt green features in new building developments, with the aim of improving the environmental performance of buildings and promoting a quality living environment.

| Targets                                                                                                                                                                                                                                                                                                                                                     | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li><b>Promulgating sustainable practices</b></li> </ul> <p>To update current/issue new PNAP for promulgating building design guidelines to improve the standards of living environment.</p>                                                                                                                             | <ul style="list-style-type: none"> <li>Revised PNAP APP-2 was promulgated to relax GFA concession for private and public car parks, including removal of the mandatory requirement of constructing underground car parks as a condition for disregarding GFA calculations of not more than two aboveground carparking floors and to align GFA concession for public car parks with that for private car parks.</li> </ul> |
| <ul style="list-style-type: none"> <li><b>Promoting sustainable building design</b></li> </ul> <p>To implement the GFA concession policy under PNAP APP-151 and the Sustainable Building Design Guidelines (SBD Guidelines) to promote building separation, building setback and site coverage of greenery of buildings as promulgated in PNAP APP-152.</p> | <ul style="list-style-type: none"> <li>Under the GFA concession policy, compliance with the SBD Guidelines was one of the prerequisites for granting GFA concessions for green/amenity features and non-mandatory/non-essential plant rooms and services in building projects. A maximum concession is capped at 10% of the total GFA of the development.</li> </ul>                                                      |



| Targets                                                                                                                                                                                                                                                                                                                                                                                         | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>● <i>Participating in Building Environment Assessment</i></li> </ul> <p>(a) To support the adoption of BEAM Plus.</p> <p>(b) To review the GFA concession mechanism and consider possible measures to tighten the prerequisites for applying for a GFA concession.</p>  | <ul style="list-style-type: none"> <li>◆ There were 23 building proposals registered for BEAM Plus certification in 2025, amounting to nearly 18% of the proposals approved in the year.</li> <li>◆ Following the Policy Address in January 2017, BD commissioned a consultancy study to review the GFA concession mechanism. While maintaining the 10% GFA concession for new private development projects, the Consultant recommended that new projects would have to achieve an “anticipated Gold” rating under the BEAM Plus in order to apply for GFA concession. If a project could only achieve a lower rating, it had to demonstrate compliance with one or more new specific standards that could promote a quality built environment. The new GFA concession mechanism came into effect on 30 June 2024.</li> </ul> |
| <ul style="list-style-type: none"> <li>● <i>Promoting green transportation</i></li> </ul> <p><u>April 2011 – December 2025</u></p> <p><b>878</b> building plans approved, involving</p> <p><b>~96 147</b> parking spaces equipped with EV charging-enabling facilities</p>                                                                                                                      | <ul style="list-style-type: none"> <li>◆ To promote the adoption of electric vehicles (EVs), GFA concessions were granted to encourage the provision of EV charging-enabling facilities. From April 2011 to December 2025, 878 building plans were approved with GFA concessions for car parks in new buildings, resulting in approximately 96 147 parking spaces equipped with EV charging-enabling facilities.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                   |

| Targets                                                                                                                                  | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>● <i>Promoting the development of renewable energy</i></li> </ul>                                 | <ul style="list-style-type: none"> <li>◆ To foster the development of renewable energy, facilitation measures for the erection of supporting structures for solar photovoltaic (PV) systems in open car parks situated on vacant sites, on-grade open areas of existing non-domestic developments, or the main roofs of existing non-domestic buildings, had been introduced since April 2022. Under these measures, 100% GFA concession might be granted to eligible car parking spaces covered by solar PV systems, subject to compliance with relevant requirements and criteria, including policy support from the Environment and Ecology Bureau. Additionally, fast-track processing of building plans was adopted for proposals relating to the erection of supporting structures for solar PV systems at these car parking spaces.</li> <li>◆ To encourage the adoption of building-integrated photovoltaic (BIPV) technology within the industry, the “Code of Practice for Fire Safety in Buildings 2011 (2024 Edition)” was issued in September 2024 to promulgate appropriate non-combustibility requirements and standards for BIPV systems, which were generally in line with national and other international standards.</li> </ul> |
| <ul style="list-style-type: none"> <li>● <i>Enhancing our built environment by promoting elderly-friendly building design</i></li> </ul> | <ul style="list-style-type: none"> <li>◆ To encourage ageing in place and to promote elderly-friendly building design, BD had coordinated with relevant bureaux and formulated a series of design requirements for building projects.</li> <li>◆ The implementation has been taken forward via a two-level arrangement: encouraged features and mandatory requirements. For encouraged features, BD has already administratively updated the practice notes and the Design Manual: Barrier Free Access in June and July 2025. The mandatory requirements will be implemented through the amendments to the B(P)R in 2026.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## 2.3. Facilitating Conservation of Built Heritage

Conservation of built heritage is of paramount importance to showcase the historical and cultural landscape of our city. With an aim to protect and revitalise them, BD actively engages with various government departments and stakeholders in the community to revitalise and conserve heritage buildings.

| Target                                                                                                                                                                                                                                                                                                                                                                                          | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>● <i>Enhancing heritage conservation</i> <ul style="list-style-type: none"> <li>(a) To support historic buildings conservation and revitalisation without compromising building safety and health requirements.</li> <li>(b) To provide professional technical advisory and pre-submission enquiry services by our Heritage Unit.</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>◆ The 2021 Edition of the "Practice Guidebook for Adaptive Re-use of and Alteration and Addition Works to Heritage Buildings 2012" (the Practice Guidebook) was issued to provide guidance on reusing historic buildings and project highlights.</li> <li>◆ Feedback on the Practice Guidebook was collected and considered by the Technical Committee on Building Safety and Health Requirements for Historic Buildings under the BO. An update on the Practice Guidebook was being prepared with completion scheduled for 2026.</li> </ul> |



No. 4 Hospital Road, Hong Kong

## 2.4. Reducing Construction and Demolition Wastes

BD remains steadfast in collaborating with stakeholders to reduce construction and demolition waste by reviewing and promoting environmentally friendly construction methods. We continuously strive to improve current building designs and construction practices by encouraging more extensive application of precast concrete construction.

| Target                                                                                                                                                                                                                                                                                                                                      | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>● <b>Minimising construction and demolition waste</b></li> </ul> <p>To encourage wider adoption of Modular Integrated Construction (MiC) technology in Hong Kong.</p>  <p>Kwun Tung North Area 24, Sheung Shui</p> | <ul style="list-style-type: none"> <li>◆ The pre-acceptance mechanism for granting in-principle acceptance (IPA) to individual MiC systems or components had been in place since 2017. By 31 December 2025, BD had received 243 IPA applications and granted 138 IPAs, including 78 steel and 60 concrete systems, involving 81 MiC manufacturers which had been included in BD's List of Accepted MiC Systems.</li> <li>◆ With the granting of SC concession, and the increase of GFA concession to 10% of the MiC floor area in 2022, there was an increase in the adoption of MiC for private development projects. By 31 December 2025, 45 private MiC development projects had been completed with occupation permit.</li> <li>◆ In order to encourage the wider adoption of MiC, BD had reviewed the IPA mechanism. Revised PNAP ADV-36 was issued in July 2025 for providing streamlining measures, including refining the processing mechanism and reducing the required essential information for granting IPA.</li> </ul> |

## 2.5. Proper Use and Timely Maintenance of Existing Buildings

Ensuring building safety and health is an important part of our services. We continue to promote the importance of environmental hygiene, reduce the risks brought about by unauthorised building works (UBWs), promote fire safety, proper maintenance of old buildings, drainage and slopes, as well as tackling problems relating to building neglect and dilapidation.

| Targets                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Performance in 2025                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li><b>Tackling UBWs and rectifying building dilapidation</b></li> </ul> <p>To continue the clearance of UBWs, including unauthorised signboards, structures on rooftops, podiums, lanes and yards and those in New Territories Exempted Houses (NTEH), in target buildings by taking enforcement actions through large scale operations (LSO); and to rectify identified building dilapidations, to improve building safety.</p> | <ul style="list-style-type: none"> <li>No. of removal orders issued in 2025: <b>7 112</b></li> <li>No. of UBWs removed and irregularities rectified: <b>29 109</b></li> <li>No. of repair/investigation orders issued: <b>1 240</b></li> <li>No. of buildings/premises repaired: <b>3 045</b></li> </ul> |

### UBWs Clearance Operations in 2025

#### Unauthorised Signboards

- **1 759** unauthorised signboards removed/validated
- **1 904** abandoned/dangerous signboards removed/repaired
- **19** signboards validated under the Signboard Validation Scheme

#### Unauthorised Structures on Rooftops, Podiums, Lanes and Yards

- **90** target domestic/composite buildings selected
- **2 565** removal orders issued
- **446** removal orders complied with

#### UBWs in NTEH

- **6 253** NTEH inspected
- **1 236** removal orders issued
- **867** removal orders discharged

|                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li><b>Inspection of subdivided flats (SDF)</b></li> </ul> <p>To take enforcement actions against building irregularities associated with SDF in domestic, composite and industrial buildings.</p> | <ul style="list-style-type: none"> <li><b>100</b> target buildings selected under LSO</li> <li><b>1 689</b> SDF inspected in response to public reports and through LSO</li> <li><b>317</b> SDF rectified of irregularities</li> </ul> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Targets                                                                                                                                                                                                                                                                                                | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>● <i>Tackling water seepage problems in buildings</i></li> </ul> <p>To continue the operation of the Joint Office (JO) with the Food and Environmental Hygiene Department in handling public reports on water seepage.</p>                                      | <ul style="list-style-type: none"> <li>◆ The application of new testing methods including infrared thermography and microwave tomography in carrying out professional investigations for water seepage cases was extended to all districts.</li> <li>◆ With the use of new testing methods in pilot districts, the success rate in identifying water source of cases was about <b>66%</b>, which was higher than the success rate of around <b>40%</b> for cases using the conventional methods.</li> <li>◆ Since mid-September 2023, the JO had implemented a new set of investigation procedures on a trial basis in <b>six</b> districts. After the completion of Stage I investigation, Stage II initial investigation and Stage III professional investigation originally to be conducted sequentially would be carried out in parallel to shorten the time for investigation.</li> </ul> |
| <ul style="list-style-type: none"> <li>● <i>Mandatory Building and Window Inspection Schemes</i></li> </ul> <p>To continue the implementation of the Mandatory Building Inspection Scheme (MBIS) and Mandatory Window Inspection Scheme (MWIS) and enhance support to the owners and stakeholders.</p> | <ul style="list-style-type: none"> <li>◆ <b>503</b> buildings were selected for both MBIS and MWIS, while <b>97</b> buildings were selected for MBIS only and <b>97</b> buildings were selected for MWIS only.</li> <li>◆ <b>877</b> buildings completed the prescribed inspection while <b>408</b> buildings completed the prescribed building repair.</li> <li>◆ <b>708</b> buildings completed the prescribed window inspection while <b>279</b> buildings completed the prescribed window repair.</li> <li>◆ <b>15</b> briefing sessions were conducted for building owners, owners' corporations and the industry.</li> <li>◆ <b>12</b> briefing sessions were conducted for the "Central Platform on Building Management" organised by the Home Affairs Department.</li> </ul>                                                                                                           |

| Targets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li><b>Building fire safety</b></li> </ul> <p>To improve the existing fire safety measures in prescribed commercial premises, as well as pre-1987 commercial buildings, composite buildings and industrial buildings.</p>                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>BD carried out inspections and took necessary enforcement actions in accordance with the Fire Safety (Commercial Premises) Ordinance (FS(CP)O) (Cap. 502), Fire Safety (Buildings) Ordinance (FS(B)O) (Cap. 572) and Fire Safety (Industrial Buildings) Ordinance (FS(IB)O) (Cap. 636).</li> <li>In 2025, BD inspected <b>530</b> premises and buildings, and issued <b>4 856</b> Fire Safety Directions (FSDns) or Fire Safety Improvement Directions (FSIDns).</li> <li>By the end of 2025, the number of FSDns or FSIDns discharged for industrial buildings, commercial buildings and composite buildings was <b>473, 1 103</b> and <b>4 831</b> respectively.</li> </ul> |
| <ul style="list-style-type: none"> <li><b>Special scheme to inspect external drainage system (the Special Inspection Scheme)</b></li> </ul> <p>To inspect the external drainage systems of all private residential and composite buildings exceeding three storeys in height (i.e. some 18 000 buildings) and to take enforcement actions to require repairs/rectification of the defective drainage systems in view of the heightened concern about the condition of drainage pipes during the COVID-19 epidemic.</p> | <ul style="list-style-type: none"> <li>The Special Inspection Scheme involving inspection and order serving was completed in 2022.</li> <li>BD issued <b>18 732</b> statutory orders against defective drainage systems in approximately <b>5 300</b> buildings in 2021 and 2022. By the end of 2025, <b>14 413</b> orders were complied with.</li> <li>BD would continue to follow up on the outstanding orders to protect public health and safety.</li> </ul>                                                                                                                                                                                                                                                     |
| <ul style="list-style-type: none"> <li><b>Stepping up clearance of outstanding drainage repair orders covering misconnection of drain pipes causing hygiene and environmental pollution problems</b></li> </ul>                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Dedicated teams were set up for the operation.</li> <li><b>154</b> orders were complied with in 2025.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## PUBLIC EDUCATION AND HUMAN CAPITAL STRATEGY

It is our belief that the success of moving towards sustainability depends on the firm commitment and participation across the community.

### 3.1. Educating and Engaging the Public on Sustainability

Engaging stakeholders and the public is an indispensable part of enhancing awareness of building safety and fostering a building care culture. To this end, we are committed to raising public awareness by launching different community educational activities.

| Targets                                                                                                                                                                                                                                    | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (a) To promote and publicise initiatives of the department to the public and educate the general public and the stakeholders in the building/construction fields on the importance of building safety and timely maintenance of buildings. | <p><b>Building Safety Weeks</b></p> <p>◆ The Building Safety Weeks 2025 was successfully held from 8 to 14 November 2025. It included a series of public seminars, an open day and a symposium to help the public better understand building safety messages and promote a building care culture. The Building Safety Symposium, themed “Digital Transformation for Safer Building Design, Construction and Maintenance”, provided an excellent opportunity for the industry to exchange ideas and views on the application of innovative technologies to enhance the safety of buildings and construction works.</p>  <p>Building Safety Symposium</p> <p>No. of participants for:</p> <ul style="list-style-type: none"> <li>• Building Safety Symposium: <b>318</b></li> <li>• Buildings Department Open Day: <b>454</b></li> <li>• Public Seminars: <b>1 028</b> (including online participants)</li> </ul> |

| Targets | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p><b>Building Facade Design Competition</b></p> <ul style="list-style-type: none"> <li>◆ The Building Façade Design Competition was held from 30 May 2025 to 11 July 2025, with the goal of increasing public awareness of the vital link between building maintenance and our everyday lives. It also aimed to encourage the public to participate in building a more livable community. The competition consisted of three categories: primary school group, secondary school group and open group. Over <b>100</b> applications were received and more than <b>3 300</b> votes were cast by the public.</li> </ul> |
|         | <p><b>Building Safety Talks/Seminars</b></p> <ul style="list-style-type: none"> <li>◆ A total of <b>31</b> sessions of Building Safety Talks/Seminars were organised throughout the year for the general public, educational sector, building owners and the industry.</li> </ul>                                                                                                                                                                                                                                                                                                                                      |
|         | <p><b>Building Safety Pioneer Programme and Short Video Competition</b></p> <ul style="list-style-type: none"> <li>◆ Promoted building safety to <b>33</b> students from <b>11</b> secondary schools through different activities.</li> <li>◆ Students participated in an anchor workshop to learn the techniques of delivering clear messages on camera. They were also invited to participate in a competition by creating short videos conveying the important message of building a livable community.</li> </ul>                                                                                                  |
|         | <p><b>Online Video</b></p> <ul style="list-style-type: none"> <li>◆ A series of videos on how to deal with water seepage issues was released in April and September 2025 to educate the general public about the water seepage investigation procedures and the role of property management company in dealing with the water seepage issues.</li> </ul>                                                                                                                                                                                                                                                               |

| Targets                                                                                                                                                                     | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                            | <p><b>Outdoor Advertisement</b></p> <ul style="list-style-type: none"> <li>◆ To promote building safety, we placed advertisements on minibus bodies to enhance public awareness of the importance of regular inspection and maintenance of private buildings, we displayed banners with the theme on various digital and outdoor advertising platforms.</li> </ul>                                                   |
|                                                                                                                                                                             | <p><b>Periodic Publications</b></p> <ul style="list-style-type: none"> <li>◆ Building Safety Quarterly Newsletters covering topics on building safety, with reminders for property management companies were published.</li> <li>◆ Monthly Digest provided statistical data on BD's building control output under the BO.</li> </ul>                                                                                 |
| <p>(b) To promote and publicise building safety information to the public and younger people through electronic means to reduce the printing of pamphlets and leaflets.</p> | <p><b>Broadcasts</b></p> <ul style="list-style-type: none"> <li>◆ We continued to promote the importance of building safety via TV and radio Announcements in the Public Interest (APIs). The theme of the APIs included “Don’t remove structure walls illegally”, “Window safety, Owners’ responsibility”, and the like.</li> </ul>                                                                                 |
|                                                                                                                                                                             | <p><b>E-Learning Centre</b></p> <ul style="list-style-type: none"> <li>◆ Our digital learning platform, the E-Learning Centre, continued to disseminate useful information to enhance building safety awareness among property owners, owners’ corporations, representatives of property management companies and the public. In 2025, a total of <b>7</b> videos were uploaded to the E-Learning Centre.</li> </ul> |

| Targets | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p><b>Social Media</b></p> <ul style="list-style-type: none"> <li>◆ BD maintained a Facebook page, an Instagram account and a YouTube channel, in order to share the latest event updates and safety tips in a more efficient way.</li> <li>◆ Annual Statistics: <ul style="list-style-type: none"> <li>• No. of Facebook followers: <b>27 047</b></li> <li>• No. of Instagram followers: <b>7 750</b></li> <li>• No. of YouTube subscribers: <b>3 871</b></li> <li>• No. of posts on Facebook: <b>172</b></li> <li>• No. of posts on Instagram: <b>163</b></li> <li>• No. of videos on YouTube: <b>469</b></li> <li>• No. of likes on Facebook: <b>96 549</b></li> <li>• No. of likes on Instagram: <b>4 350</b></li> <li>• No. of likes on YouTube: <b>229</b></li> <li>• No. of views on YouTube: <b>83 100</b></li> </ul> </li> </ul> |

## 3.2. Training our Staff

Our training and development programmes place great emphasis on equipping our staff to understand and actively play their roles in promoting and facilitating sustainable building developments.

| Target                                                                      | Performance in 2025                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| To provide trainings related to green building and sustainability to staff. | <ul style="list-style-type: none"> <li>◆ <b>51</b> courses/seminars/conferences and <b>9</b> site visits on building sustainability and BEAM Pro were arranged for <b>987</b> staff.</li> <li>◆ <b>9</b> BIM lessons were arranged for <b>282</b> staff to get prepared for wider use of BIM in building industry.</li> </ul> |

## GREEN OFFICE

It is our continuous target to ensure the effective implementation of in-house green measures in all our offices and to increase the awareness of our staff on sustainable green office management. We take a proactive approach to resource conservation and energy efficiency to support sustainable development. In recognition of our excellence in environmental management, we clinched a Certificate of Merit under the Public and Community Services Sector in the Hong Kong Awards for Environmental Excellence (HKAEE). Additionally, since 2023, we have become one of the HKAEE Alumni, further demonstrating our commitment to sustainability. Besides, the Building Information Centre at our Headquarters was awarded a Platinum rating under BEAM Plus Interiors, showcasing our dedication to maintaining a green and sustainable workplace.

### 4.1. Improving Air Quality

In November 2006, the Government signed the Clean Air Charter launched by the Hong Kong General Chamber of Commerce and the Hong Kong Business Coalition on the Environment, to join forces with the business sector and the community to foster the improvement of air quality in Hong Kong.

| Commitments                                                                                                              | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li><i>To actively fulfil our commitment under the “Clean Air Charter”</i></li> </ul> | <ul style="list-style-type: none"> <li>BD had joined the Indoor Air Quality (IAQ) Certification Scheme since 2011.</li> <li>Our Headquarters at West Kowloon Government Offices (WKGO) was certified with “Excellent” IAQ Class.</li> <li>Our outstation offices in Taikoo Shing and Kwun Tong were certified with “Good” IAQ Class.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                 |
| <ul style="list-style-type: none"> <li><i>To adopt energy-efficient measures in our operations</i></li> </ul>            | <p><b>Electricity Consumption and Greenhouse Gas (GHG) Emissions</b></p> <ul style="list-style-type: none"> <li>The source of energy and fuel consumption related to our operation included the use of electricity and the vehicle fleet, which generated direct and indirect GHG emissions. The total amount of GHG emissions generated was approximately 2 063 tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e), at an intensity of 1.03 tCO<sub>2</sub>e per staff.</li> <li>The electricity consumption of WKGO and BD outstation offices including storerooms were 4 122 459 kWh and 956 854 kWh respectively, or 2 511 kWh per staff (excluding electricity consumption in store rooms).</li> </ul> |

| Commitments                                                                         | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><b>Use of Renewable Energy</b></p> <ul style="list-style-type: none"> <li>◆ A solar PV system was installed on the roof of our Headquarters to generate electricity for our on-site self-consumption. This initiative enabled us to offset a portion of the building's energy consumption with clean and renewable solar power.</li> </ul> <p><b>Reducing Carbon Emissions</b></p> <ul style="list-style-type: none"> <li>◆ We had been adopting a multi-faceted approach to minimise fuel consumption by encouraging online communication, better planning business trips, and replacing traditional vehicles with EVs. Our fleet included 40 vehicles, 12 of which were EVs. Additionally, 29 EV chargers were installed at the WKGO car park for all user departments. According to the Smart Power Quality Monitoring System, the electricity consumed by the EV chargers in 2025 was 23 391 kWh, which was 8.47% higher than the consumption in 2024. This growth was due to an increase in the number of EVs used in 2025.</li> </ul> |
|  | <ul style="list-style-type: none"> <li>◆ Light pipes of the natural light harvesting technologies were installed at our Headquarters to capture sunlight from the rooftop and distribute it into the interior spaces. This design reduced the need for artificial lighting during daylight hours and further enhanced the building's energy efficiency, which in turn reduced the carbon emissions associated with energy use.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  | <ul style="list-style-type: none"> <li>◆ BD would conduct carbon audit following the requirements in the “Guide to Environmental Reporting for the Government Bureaux and Departments” issued by the Environmental Protection Department (EPD) and would upload the Carbon Performance Disclosure to BD’s website.</li> </ul> <p><b>Green Housekeeping</b></p> <ul style="list-style-type: none"> <li>◆ Appointed a Green Manager to implement a programme of green housekeeping and introduce measures to increase staff consciousness and engagement in green practices and waste avoidance, fostering a culture of sustainability throughout our workplace.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                      |

| Commitments                                                                       | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Increasing Energy Efficiency</b></p> <ul style="list-style-type: none"> <li>◆ Maintained air-conditioning at 25.5°C</li> <li>◆ Adopted multi-zone lighting control</li> <li>◆ Chose electrical devices and equipment with higher rating energy saving labels</li> <li>◆ Maintained installation of motion sensors if applicable</li> </ul> <p><b>Minimising Energy Wastage and Loss</b></p> <ul style="list-style-type: none"> <li>◆ Set time control and stand-by-mode for appliances</li> <li>◆ Appointed 61 Energy Wardens to arrange for the last-man-out to switch off lighting and devices at the end of the day and conduct walk-through quarterly</li> </ul> <p><b>Building Awareness</b></p> <ul style="list-style-type: none"> <li>◆ Displayed “Energy Saving” stickers to remind staff to turn off unnecessary appliances when not in use</li> <li>◆ Encouraged using staircases instead of elevators for inter-floor traffic within offices</li> </ul> |

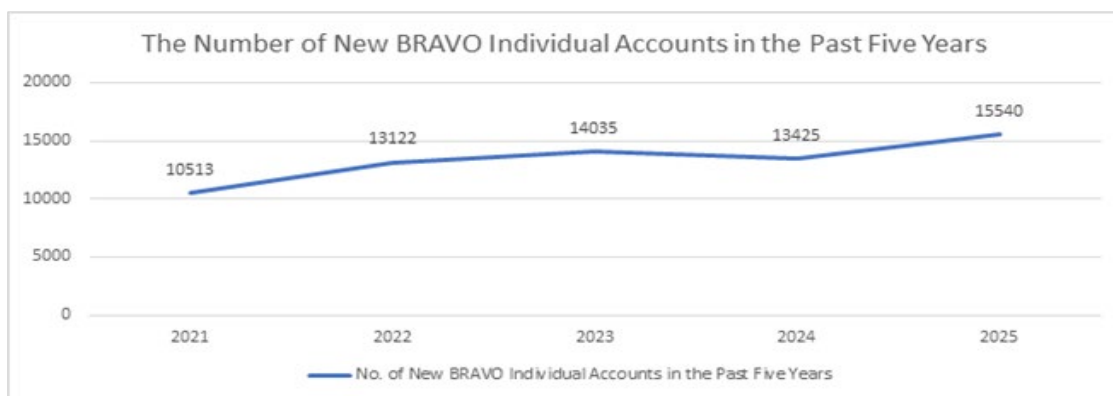
## 4.2. Moving towards a Paperless Office

We are leveraging information technology to transition towards a paperless office by implementing computerised management systems. Additionally, we are encouraging digital communication within the workplace and with our stakeholders and the public via electronic means.

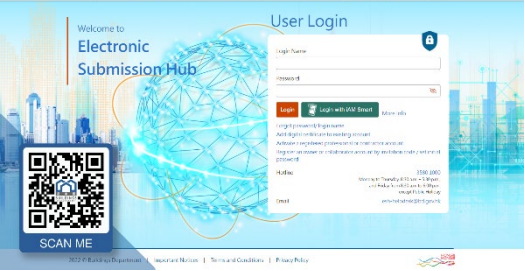
| Targets                                                                                                                                                                                                                                                                                                                                                                 | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><u><b>On public front</b></u></p> <ul style="list-style-type: none"> <li><i>To disseminate information to the public via the BD's website and other electronic means</i></li> </ul> <div> <p>Know more about building/window inspection</p>  </div> | <ul style="list-style-type: none"> <li>◆ The BD's website continued to provide up-to-date information on the functions and services of the Department.</li> <li>◆ We maintained the following functions on BD's website: <ul style="list-style-type: none"> <li>• An e-search for the public to identify the issuance and compliance status of statutory orders, notices and directions<sup>1</sup>.</li> <li>• A Corner for AP, RSE, RGE, RI and RC to facilitate them in keeping abreast of the updated requirements.</li> <li>• A thematic website "Care for Your Building" to better promote the importance of building safety and timely maintenance to the public.</li> <li>• A list of Accepted Academic Qualifications for Technically Competent Persons' (TCPs') Registration/Appointment to enhance public access to information for reference by applicants/practitioners concerning TCPs' registration/appointment.</li> </ul> </li> <li>◆ Legal/Validated Signboards Database was established in the Government's GeoInfo Map for identification of legal or validated signboards. BD continued to update the information of such signboards in the database regularly.</li> <li>◆ A Chatbot - "Ah Build" continued to answer general enquiries from the public about the MBIS and MWIS.</li> </ul> |

<sup>1</sup> The e-search covered the searching of statutory orders under Sections 24, 25, 26, 26A, 27C and 28 of the BO and was extended to cover MBIS Notices under Section 30B and MWIS Notices under Section 30C of the BO, as well as FSDns, FSIDns, Fire Safety Compliance Orders (FSCOs) and Prohibition Orders (POs) under the FS(CP)O, the FS(B)O and the FS(IB)O. For statutory orders issued before 2021 and FSDns, FSIDns, FSCOs and POs issued under FS(CP)O and FS(B)O before 13 December 2024, only information of "Outstanding" orders/directions was available in the search results.

| Targets                                                                                                                                                                                                                                                                                                                        | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>◆ We continued to send notifications to all registered building professionals and contractors as well as property management companies via email and/or Short Message Service to reduce the use of paper and enhance the effectiveness.</li> </ul>                                                                                                                                                                                                                                                                   |
| <ul style="list-style-type: none"> <li>● <i>To develop and launch mobile applications for the general public to have a quick and easy communication platform to access information</i></li> </ul> <div>  </div> | <ul style="list-style-type: none"> <li>◆ In addition to the use of the mobile application, “Quick Guide for Minor Works”, which provided a quick and easy means for the public to view useful information, BD continued promoting the use of the Electronic Form Submission System (EFSS) for submission of minor works documents in electronic format.</li> <li>◆ The mobile application “WIN SAFE”, facilitated building owners in appointing suitable Qualified Persons for early compliance with the MWIS notices to ensure building safety.</li> </ul> |
| <ul style="list-style-type: none"> <li>● <i>To simplify the viewing and copying of building records through the implementation of Buildings Records Access and Viewing On-line (BRAVO) system over the Internet</i></li> </ul>                                                                                                 | <ul style="list-style-type: none"> <li>◆ In 2025, we handled 109 096 applications for viewing electronic records (included minor works records), out of which 106 044 applications were processed by the BRAVO system over the Internet.</li> <li>◆ Annual Statistics: <ul style="list-style-type: none"> <li>• No. of BRAVO Individual Accounts: <b>15 540</b></li> <li>• No. of BRAVO Company Accounts: <b>535</b></li> </ul> </li> </ul>                                                                                                                 |



| Targets                                                                                                                                          | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>● <i>To issue certificates of registration under the BO in electronic form (e-Certificate)</i></li> </ul> | <ul style="list-style-type: none"> <li>◆ BD issued e-Certificates of registration under the BO to the applicants via email to replace paper certificates.</li> <li>◆ e-Certificates reduced the use of paper and ink and reduced the risk of damaging or misplacing the paper certificate by the applicant (which would be troublesome as the applicant would need to re-apply for a certified true copy of the paper certificate).</li> <li>◆ In 2025, <b>99.8%</b> of the total number of building professionals and <b>97.7%</b> of the total number of contractors registered under the BO had been issued with e-Certificates.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <ul style="list-style-type: none"> <li>● <i>To accept submission of documents in electronic format</i></li> </ul>                                | <ul style="list-style-type: none"> <li>◆ In 2025, around <b>20 523</b> forms were processed through the EFSS.</li> </ul> <p>BD commissioned a consultancy study in June 2024 to support the formulation of a technical framework for the full adoption of BIM by the private sector for preparation of plans for statutory submissions and approval under the BO. Taking into account the findings from overseas study and the views from the first round stakeholder consultation in 2024, the consultant recommended a refined BIM Roadmap in September 2025. Furthermore, subsequent to the launching of the first BIM Tool for automated checking of floor area information in 2024, BD had continued to launch additional BIM Tools for automated checking of sanitary fitments provision, fire safety requirements and structural plan compatibility in March 2025 and an openBIM Tool for automated assessment of building separation in December 2025. The BIM Automated Checking Tools, which also served as the design review tools, saved time and manpower in manual checking or computation and updating or rechecking after design amendments, thereby enhancing quality and certainty of the submissions.</p> |

| Targets                                                                                                                                                                        | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | <ul style="list-style-type: none"> <li>Traditionally, building professionals submitted an average of ten sets of building plans for each first-time submission. This was usually followed by the submission of voluminous plans together with associated calculations and documents. ESH substantially reduced paper consumption in plan submissions, directly lowering GHG emissions since its full launch on 30 June 2024. In 2025, ESH saved over 123 000 sheets of A1-sized paper drawings and over 7.7 million pages of paper documents.</li> <li>To further promote a green environment and paperless submission, application for grant or renewal of license for an oil storage installation could be submitted electrically via ESH. This feature was launched on 6 October 2025.</li> <li>We would continue to enhance and improve the system's capacity and user experience in light of users' feedback to pave the way for mandating e-submission of plans in 2027.</li> </ul> |
| <p><u><b>In our work place</b></u></p> <ul style="list-style-type: none"> <li><i>To disseminate information electronically and to introduce more green measures</i></li> </ul> | <ul style="list-style-type: none"> <li>As part of the Government's initiative to pursue electronic records management, we adopted the Central Electronic Recordkeeping System (CERKS) in June 2025. The CERKS was an information/computer system with the necessary record management capabilities designed to electronically collect, organise, classify and control the creation, storage, retrieval, distribution, maintenance and use, disposal and preservation of records. By implementing the CERKS, the consumption of paper and printer cartridges could be reduced and the need to print electronic records for filing could eventually be eliminated.</li> </ul>                                                                                                                                                                                                                                                                                                               |

| Targets                                                                                                          | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                  | <ul style="list-style-type: none"> <li>◆ We utilised the Electronic Document and Knowledge Management System, a central repository for document and knowledge management facilitating information sharing and collaboration within and across different divisions or sections in BD.</li> <li>◆ Mobile devices with the add-on feature “Secure Access” app were made available for staff to access internal manuals and electronic forms and process documents for site inspection and meetings when necessary.</li> <li>◆ To facilitate file sharing and distribution in work, we developed and leveraged the “Virtual Workspace” which was a web-based file-sharing repository for sharing large-sized files with working counterparts with a view to minimising the mailing of discs or the distribution of hard copies.</li> </ul> |
| <ul style="list-style-type: none"> <li>● <i>Green Management of Data Centre and Green IT Measures</i></li> </ul> | <ul style="list-style-type: none"> <li>◆ Both cloud computing and server virtualisation technology were used to optimise the number of physical servers required thereby cutting down electricity power consumption.</li> <li>◆ All new printers were equipped with EcoPrint or Energy Saving Mode with Duplex Printing feature.</li> <li>◆ All servers, printers and desktop personal computers were Energy Star and Restriction of Hazardous Substances Compliant.</li> <li>◆ Network backup had been used to gradually replace manual backup thereby reducing transportation and storage of tapes.</li> </ul>                                                                                                                                                                                                                       |

## 4.3. Saving Resources

The best approach to manage waste is “reduction” at the source. We adhere to the principles of “Reduction, Reuse and Recycling” in the Department to minimise waste produced from our office operations. BD Administration Circular No. 1/2022 on “Green Practices and Waste Avoidance” has reminded all staff to set a green example by adopting green practices and waste avoidance measures and reducing the consumption of energy and paper.

| Targets          | Performance in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reduction</b> | <ul style="list-style-type: none"> <li>◆ Our total paper consumption in 2025 was 21 906 reams, which was 22.2% lower than that in 2024.</li> <li>◆ Recycled paper in lieu of virgin paper had continuously been used in the Department. In 2025, 31.05% of the total amount of paper consumed was recycled paper. A total of 62 500 envelopes were consumed in 2025, which was 39.8% fewer than that consumed in 2024.</li> <li>◆ We would continue our efforts to minimise the use of paper by: <ul style="list-style-type: none"> <li>• Using emails instead of paper memos and faxes for internal and external communications.</li> <li>• Minimising the production of hardcopies of documents.</li> <li>• Sending e-cards.</li> </ul> </li> </ul> |
|                  | <ul style="list-style-type: none"> <li>◆ We continued to adopt “No bottled water” policy at our Headquarters to avoid use of plastic bottles.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reuse</b>     | <ul style="list-style-type: none"> <li>◆ We promoted the reuse of resources by: <ul style="list-style-type: none"> <li>• Reusing old furniture during office refurbishment or renovation.</li> <li>• Encouraging our staff to use the blank side of used paper for drafting, filing and printing.</li> <li>• Reusing envelopes for internal circulation.</li> <li>• Using ball pens with refills.</li> <li>• Placing used paper with a blank side near high paper usage equipment (e.g. photocopier) to facilitate reuse.</li> <li>• Encouraging staff to use their own cups instead of paper cups.</li> </ul> </li> </ul>                                                                                                                            |
| <b>Recycling</b> | <ul style="list-style-type: none"> <li>◆ We collected recyclable waste materials by: <ul style="list-style-type: none"> <li>• Placing collection bags near high paper usage equipment for recycling of waste paper.</li> <li>• Providing waste sorting and recycling bins at breakout spaces and areas accessible to the public for the collection of used plastics, metals, glass and rechargeable batteries.</li> </ul> </li> <li>◆ With the support of our staff, in 2025, we collected a total of 60 190 kg of waste paper for recycling which had increased by 71.76% compared to the figure in 2024.</li> </ul>                                                                                                                                 |

## 4.4. Procuring Green Products

We purchased green products to demonstrate our responsibility to save the Earth and support the recycling industry by sourcing environmentally friendly products for office use, making reference to the green specifications published by the EPD. Here are some examples of the green products we procured.



Pencils made of recycled materials



T5 Fluorescent tube



Recycled paper



Rechargeable batteries

## 4.5. Performance Summary

### Energy Consumption

|                                 | Unit                          | 2025           |
|---------------------------------|-------------------------------|----------------|
| Gasoline                        | GJ <sup>2</sup> (Litre)       | 1 486 (45 019) |
| Electricity                     | GJ <sup>3</sup> (Million kWh) | 18 286 (5.08)  |
| <b>Total energy consumption</b> | <b>GJ</b>                     | <b>19 771</b>  |

### GHG Emissions<sup>3</sup>

|                                              | Unit                     | 2025            |
|----------------------------------------------|--------------------------|-----------------|
| Gasoline combustion (Scope 1) <sup>4</sup>   | tCO <sub>2</sub> e       | 108.35          |
| Electricity purchased (Scope 2) <sup>5</sup> | tCO <sub>2</sub> e       | 2 071.85        |
| Others (Scope 3) <sup>6</sup>                | tCO <sub>2</sub> e       | -129.97         |
| <b>Total GHG consumption</b>                 | <b>tCO<sub>2</sub>e</b>  | <b>2 050.23</b> |
| GHG intensity per staff                      | tCO <sub>2</sub> e/staff | 1.02            |

### Material Consumption

|                                | Unit      | 2025             |
|--------------------------------|-----------|------------------|
| <b>Total paper consumption</b> | <b>kg</b> | <b>53 050.93</b> |
| A4 paper                       | kg        | 49 420.96        |
| A3 paper                       | kg        | 3 629.97         |
| Paper consumed per staff       | kg        | 24.95            |

### Waste Management - Recyclable Waste Collected

|             | Unit | 2025   |
|-------------|------|--------|
| Waste paper | kg   | 60 190 |

<sup>2</sup> Conversion factors used to standardise the units to gigajoules (GJ): gasoline (0.033 GJ/L), electricity (0.0036 GJ/kWh).

<sup>3</sup> GHG emissions were calculated based on the Guidelines to Account for and Report on Greenhouse Gas Emissions and Removals for Buildings (Commercial, Residential or Institutional Purposes) in Hong Kong issued by the EPD and Electrical and Mechanical Services Department in February 2010.

<sup>4</sup> Generated from mobile combustion of petrol, i.e. vehicle consumption.

<sup>5</sup> The GHG emission was calculated based on a territory-wide default value of 0.7kg/kWh.

<sup>6</sup> Other indirect emissions.

## Feedback

Thank you for reading the Buildings Department Environmental Report 2025. Your views and suggestions are most welcome. It will help sustain our policies and support our continuous improvement. Please take a few minutes to give us your views by completing the following feedback form.

**1. Which of the following best describes you?**

- |                                                                  |                                              |                               |
|------------------------------------------------------------------|----------------------------------------------|-------------------------------|
| <input type="radio"/> Government Departments or Agencies         | <input type="radio"/> Building Professionals | <input type="radio"/> NGO     |
| <input type="radio"/> Legislators and Local District Councillors | <input type="radio"/> General Public         | <input type="radio"/> Media   |
| <input type="radio"/> Staff of Buildings Department              | <input type="radio"/> Academic Sector        | <input type="radio"/> Student |

**2. Please rate our environmental report and performance.**

Buildings Department Environmental Report 2025

- ☐ Fair                      ☐ Good                      ☐ Very Good                      ☐ Excellent

Buildings Department Environmental Performance

- ☐ Fair                      ☐ Good                      ☐ Very Good                      ☐ Excellent

**3. Which aspect of the report did you find most useful?**

- ☐ Economic   ☐ Environmental   ☐ Social   ☐ Governance   ☐ Others (please specify:\_\_\_\_)

**4. Which aspect of the Buildings Department would you like to have more information?**

- ☐ Economic   ☐ Environmental   ☐ Social   ☐ Governance   ☐ Others (please specify:\_\_\_\_)

Please return the completed feedback form to the Buildings Department by:

Email: [enquiry@bd.gov.hk](mailto:enquiry@bd.gov.hk)

Hotline: 2626 1616 (Handled by “1823”)

Fax: 2537 4992

Post: Buildings Department Headquarters, North Tower, West Kowloon  
Government Offices, 11 Hoi Ting Road, Yau Ma Tei, Kowloon

THANK YOU FOR YOUR VALUABLE FEEDBACK!