

**List of Development Bureau's Initiatives
in the Policy Address Supplement**

A list of Development Bureau's achievements and new initiatives stipulated in the Policy Address Supplement is appended below. They are mainly under the Chapters of "Upholding and Improving the 'One Country, Two Systems' Practice", "Together, We Fight the Virus", "Housing and Land Supply", "Unlimited Business Opportunities", "Liveable City" and "Caring Society".

Upholding and Improving the "One Country, Two Systems" Practice

Achievements

- Took forward the new High Court and District Court projects under the oversight of the central steering committee established under the Judiciary. Tendering for the new District Court project at Caroline Hill Road commenced in August 2021 and subject to the LegCo's funding approval, construction to start in mid-2022.
- Completed a review of works supervision system of the Development Bureau and works departments and implemented relevant corruption prevention measures.
- Incorporated integrity management as the listing requirement for over 800 approved public works contractors, materials suppliers and specialist contractors of the Government with effect from March 2021.
- Invested heavily in infrastructure to meet Hong Kong's needs and create jobs. From 2017-18 to 2021-22, the average capital works expenditure per year amounted to more than \$75 billion.

Together, We Fight the Virus

Achievements

- Provided over 3 500 propose-built units for quarantine at Penny's Bay in addition to similar facilities at Lei Yue Mun Park.

- Assisted the HA to establish and expand the Community Treatment Facility (CTF) at the AsiaWorld Expo, and increased the capacity to around 1 900 beds.
- With financial and technical support by the Central Government, completed the North Lantau Hospital Hong Kong Infection Control Centre with 820 beds in just four months in January 2021.

Housing and Land Supply

Achievements

- Revised the public/private split of new housing supply from 60:40 to 70:30 in 2018 and accordingly earmarked more land for public housing.
- Raised domestic plot ratio for public housing sites in selected Density Zones of the Main Urban Areas and New Towns by up to maximum 30% where technically feasible to maximise yield (as against the previous maximum of 20%).
- Established a five-rung housing ladder to meet the needs of families of different means by regularising the GSH and White Form Secondary Market Scheme (WSM); and introducing SH pilot projects. Since January 2018, about 8 400 GSH flats have been put up for sale, while WSM quotas were increased from 2 500 in 2018 to 4 500 in 2020. Under the first SH pilot project, URA sold 493 units in eResidence at Ma Tau Wai Road.
- Took forward three other SH projects with over 3 000 units in total. They are:
 - (1) a URA redevelopment project adjacent to eResidence, providing about 260 units for sale in 2023-24;
 - (2) a private residential site at Anderson Road successfully tendered for development of no less than 1 000 SH units; and
 - (3) redevelopment of Tai Hang Sai Estate jointly undertaken by the HKSHCL and URA to provide about 2 000 SH units. (THB, DEVB)

- Entrusted the URA with a new mission to actively provide more SH or other types of subsidised sale flats (SSFs) in its redevelopment projects.
- Commenced two pilot Civil Servants' Co-operative Building Society Scheme redevelopment projects in Kowloon City in 2020 by URA to provide about 3 000 flats, of which about 1 000 flats will be allocated to SSFs.
- Pressed ahead with the development at Siu Ho Wan Depot site by MTRCL to provide about 20 000 residential units, with around 50% as public housing. The target is to have the first batch of about 6 000 public and private housing units ready for intake from around 2030.
- Updated the territorial development strategy under “Hong Kong 2030+: Towards a Planning Vision and Strategy Transcending 2030”.
- Accepted in full the multi-pronged land supply strategy and eight land supply options worthy of priority study and implementation¹ as recommended by the Task Force on Land Supply (TFLS) to encourage redevelopment of brownfield sites and other agricultural lots through government-led resumption and projects, unlock private land under public-private partnership, and create new land through reclamation in strategic spots.
- Resumed significantly more private land for housing development:
 - In 2019-20 and 2020-21, total 90 hectares of land resumed mainly for New Development Areas (NDAs) and public housing development, far more than 20 hectares in the preceding five years (2014-15 to 2018-19).
 - Planned to resume another 500 hectares in five years' time (2021-22 to 2025-26) and a further 200 hectares beyond 2025-26.

¹ The eight options are: (i) expediting brownfield development; (ii) drawing up details of the Land Sharing Pilot Scheme to unleash development potential of private agricultural land; (iii) developing 32 hectares of land east of Fan Kam Road of the Fanling Golf Course for housing development and commencing relevant detailed technical study; (iv) expediting studies on the some 1 000-hectare Kau Yi Chau artificial islands; (v) expediting studies on near-shore reclamation projects including Lung Kwu Tan, Sunny Bay and Siu Ho Wan; (vi) continuing cavern and underground space development and studies; (vii) pressing ahead with New Development Area projects; and (viii) commencing studies on the River Trade Terminal site and the coastal areas of Tuen Mun.

- Implemented in 2018 the enhanced compensation and re-housing arrangements to smoothen the land resumption and clearance for development projects, including NDAs and public housing development.
- Spared no effort in taking forward the eight priority land supply options recommended by the TFLS, including:
 - undertook studies for 12 brownfield clusters to provide over 30 000 public housing units;
 - launched in May 2020 the three-year Land Sharing Pilot Scheme. Three applications involving potentially 12 250 public housing and 5 600 private housing units are under processing;
 - commenced in September 2019 the study for developing a 32-hectare portion of Fanling Golf Course into public housing;
 - implemented Tung Chung New Town Extension (TCNTE) project in phases. Commenced reclamation of 130 hectares at Tung Chung East in December 2017, with the first land parcel handed over to HKHA in slightly over two years. By now, over 60% of reclamation works were completed with the remaining 40% completed in 2023. The first phase of site formation, roads and infrastructure works commenced in May 2021 for phased completion between 2024 and 2028;
 - commenced the engineering study on Road P1 (Tai Ho – Sunny Bay Section) in Lantau in June 2021 with a view to completing the works in 2030 to tie in with the development needs of Northern Lantau including TCNTE;

- pressed ahead with NDAs and other major development projects including Kai Tak Development (14 land parcels sold/delivered for housing development between January 2018 and July 2021); Kwu Tung North/Fanling North (commenced works in September 2019 and resumed 68 hectares of private land in December 2019); Hung Shui Kiu/Ha Tsuen (commenced works in July 2020 and resumed 12 hectares of private land in October 2020); and Yuen Long South (completed statutory planning procedures in August 2021 and commenced gazettal of the proposed road and sewerage works);
- completed in March 2021 the study for the first phase development of New Territories North (NTN) covering the San Tin/Lok Ma Chau Development Node (ST/LMC DN) and consulted the local community on the initial land use plan. Aimed to commence in October 2021 the investigation study and detailed design for works for the ST/LMC DN as well as planning and engineering (P&E) study for the second phase development of NTN covering Man Kam To Logistics Corridor and NTN New Town;
- commenced consultancy studies related to the artificial islands in the Central Waters in June 2021 for completion in around 3.5 years. Subject to the findings, first phase of reclamation works is expected to commence in 2027;
- conducted a number of discussion forums and related activities on the development of artificial islands in the Central Waters with relevant stakeholders, including professional institutions and their young members;
- aimed to seek the LegCo's funding approval in the first half of 2022 to commence the P&E study related to reclamation at Lung Kwu Tan and re-planning of Tuen Mun West area while making preparations for the funding application for the P&E study for reclamation at Sunny Bay;
- commenced the main construction works in July 2021 to relocate the Sha Tin Sewage Treatment Works to caverns; and

- undertook investigation and design (I&D) study for the re-location of Diamond Hill Fresh Water and Salt Water Service Reservoirs to caverns, and feasibility study on development of selected strategic cavern areas at Lantau, Tsing Yi and other suitable locations. Aimed to commence I&D studies for relocating Public Works Central Laboratory, Yau Tong Group Fresh Water and Salt Water Service Reservoirs, and Tsuen Wan No. 2 Fresh Water Service Reservoir to caverns, and feasibility study on relocating Tuen Mun Water Treatment Works to caverns, starting from end-2021.
- Completed planning procedures for 40 sites outside NDAs for housing development since July 2017. Rezoning of another 22 sites is in progress.
- Relaunched in October 2018 the Re-vitalisation Scheme for Industrial Buildings (IBs). As at end-August 2021, 52 planning applications for increasing the redevelopment plot ratio were approved under the Scheme, providing a total gross floor area of about 1 084 000 square metres.
- Launched in March 2021 a two-year pilot scheme for charging land premium at standard rates for lease modifications for redevelopment of IBs constructed before 1987 to expedite lease modification and encourage IB revitalisation. As at mid-September 2021, four applications have opted for the scheme with land premium agreed.
- Increased commercial gross floor area in Kowloon East since the announcement of the Energizing Kowloon East initiative in 2011 by 70% to about 2.9 million square metres at present, to be further increased to about 3.9 million square metres taking into account projects under construction or approved.
- Pressed ahead with studies on three urban squatter areas (Cha Kwo Ling Village, Ngau Chi Wan Village and Chuk Yuen United Village) with a view to substantial completion in 2021 and commencing works in phases in around 2025 to deliver 8 700 public housing units in phases starting from 2029.

- Completed reviewing suitability of certain private land parcels zoned for high-density housing development but without any specific development plan, and announced that three private land parcels will be resumed to produce around 1 600 public housing flats.
- Launched a \$1 billion funding scheme to support the use of vacant government sites by NGOs. As at end-August 2021, 20 applications have been approved.
- Implemented streamlining measures relating to development control of the Buildings Department, LandsD and Planning Department. Since 2021, the scope of review has been expanded to cover all departments involved in vetting development proposals.
- Set up a dedicated Land Supply Section in LandsD in 2019 to expedite land sale and processing of high yield lease modification and land exchange cases. As at September 2021, 29 cases were processed and 93 cases are being actively pursued by this office.
- Set up a Development Projects Facilitation Office under Development Bureau in December 2020 to monitor and ensure effective processing of development approval applications of larger-scale private residential sites in co-operation with designated co-ordinators in the relevant bureaux and departments. As at August 2021, 23 such projects obtained relevant development approvals through such facilitation.
- Pursued more vigorously the “single site, multiple use” model to facilitate multi-storey Government, Institution or Community (GIC) projects and earmarked \$22 billion for the first batch of projects.
- Reviewed about 40 GIC sites with joint use potential with a view to formulating development proposals within 2021.
- Commenced the study on the overall planning and long-term development of Choi Hung Road Playground and Sports Centre (including the Choi Hung Road Market) site to improve recreational and sports facilities and integrate other uses such as underground vehicle park and social welfare facilities.

- Established the Sustainable Lantau Office in December 2017 to take forward the development projects including the artificial islands in the Central Waters, TCNTE and initiatives regarding conservation, local improvement as well as leisure and recreation in Lantau.
- Established the Lantau Conservation Fund and its Advisory Committee to promote conservation of Lantau. Aimed to announce the results of the first batch of applications for conservation and related projects in October 2021.
- Formulated the “Lantau Conservation and Recreation Masterplan” to improve the existing natural, cultural and recreational resources of Lantau.
- Formulated “the Lantau Trails and Recreation Plan” for improving the trails and associated facilities in Lantau, including constructing a Round-the-Lantau route. For the improvement and expansion works for mountain bike trail network project, detailed design work for Mui Wo to Pui O section is in progress.

New Initiatives

- Pursue development in various parts of the New Territories including the NDAs in the light of the Northern Metropolis Development Strategy announced in the 2021 PA.
- Extend the “standard rates” for premium assessment from redevelopment of IBs to land exchange cases in the NDAs.
- Strive to ensure timely delivery of the housing production target for the next decade as pledged through high-level steer and monitoring of the about 110 projects involved in the latter five-year period.
- Further streamline the development control procedures by taking a critical and root and branch examination of the statutory town planning, environmental impact assessment, land resumption and works-related procedures and vigorously adopt other administrative measures.
- Revive and expedite near-shore reclamation projects at Lung Kwu Tan (including replanning of Tuen Mun West) and Ma Liu Shui by seeking funding for related studies in the first half of 2022.

- Conduct a new round of review of sites zoned “Green Belt” to identify potential developable land. The screening process is expected to complete in mid-2022, to be followed by technical studies.
- Extend the measures of allowing IB redevelopment to exceed permitted plot ratio by no more than 20% and exempting the waiver fees chargeable for wholesale conversion to October 2024.
- Consult the LegCo on legislative amendments for implementing the Land Titles Ordinance (Cap. 585) on newly granted land first to provide greater certainty to the titles of privately owned land, upon extensively engaging and reaching consensus with key stakeholders.

Unlimited Business Opportunities

Achievements

- Disseminated real-time parking vacancy information on about 6 300 hourly parking spaces in Kowloon East, covering about 73% of such parking spaces in the district.
- Completed eight proof of concept trials in Kowloon East and conducted knowledge and experience sharing sessions with relevant government departments and stakeholders.
- Launched the three-dimensional (3D) Pedestrian Network covering the built up areas and 3D digital map covering various districts in December 2020. Made good progress for the launch of the Common Spatial Data Infrastructure portal for government use by end-2021 and for use by the public by end-2022, with at least 320 spatial datasets for free download. Established the Geospatial Lab in May 2021 to engage the public in the use of spatial data, with its physical working space in Kwun Tong opened to the public in July 2021.
- Deployed more than 1 300 smart safety devices in public works contracts to uplift overall construction safety.

- Approved over \$170 billion works-related funding by the Finance Committee (FC) of the LegCo in 2019-20. In 2020-21, the funding approved by the FC reached a record high of \$220 billion.
- Implemented “Construction 2.0” and led the industry to make changes by advocating “Innovation”, “Professionalisation” and “Revitalisation”. Promoted I&T application, including digital works supervision systems, building information modelling (BIM) and established the \$1 billion Construction Innovation and Technology Fund (CITF) in October 2018. So far, CITF subsidised over 780 enterprises for adoption of innovative construction technologies, and about 11 000 training places, with more than \$510 million approved. Required public works projects to adopt BIM technology from January 2018.
- Established the Centre of Excellence for Major Project Leaders to provide high-level training programmes. Collaborated with counterparts in the Mainland, Australia, Singapore and the UK and entered into MoUs with Singapore and the UK.
- Required capital works contracts with estimates exceeding \$300 million to adopt digital works supervision system from April 2020.
- Opened the Modular Integrated Construction (MiC) Display Centre in November 2018.
- Required designated government buildings in capital works projects to adopt MiC from April 2020. Together with the projects of Hong Kong Housing Society, Urban Renewal Authority and private developers, more than 60 projects have adopted MiC.
- Completed the first batch of MiC pilot projects, including InnoCell at HKSTPC and Disciplined Services Quarters at Pak Shing Kok in October 2020 and February 2021 respectively. The adoption of MiC has shortened the construction period by 30% to 50% and reduced construction cost by around 10%.
- Set up a pre-acceptance mechanism for MiC systems and granted a 6% concession of the floor area constructed by MiC for new buildings.

- Obtained \$214 million for developing the Electronic Submission Hub to process plans, documents and applications under the Buildings Ordinance which will be implemented in phases from the first quarter of 2022.
- Commenced trial operation of an automated system for concrete cube testing.
- Offered quality training to trainees of the Hong Kong Institute of Construction since 2018. Accredited its Certificate in Construction Programmes and Diploma in Construction Programmes under the Qualification Framework by the Hong Kong Council for Accreditation of Academic and Vocational Qualifications. About 60 000 participants on average completed its programmes every year.
- Allocated \$200 million in May 2020 to strengthen construction manpower training in trades of keen demand to upskill workers and attract young people. Benefited about 1 400 trainees so far.
- Established a new registration system in collaboration with the Mainland Authorities that enables architectural and engineering related consultant firms on the HKSAR Government's approved lists and related registered professionals to provide professional services in the GBA.
- Waived the registration and renewal fees for registered workers by the Construction Industry Council for three consecutive years since October 2019 to support the construction industry, benefiting a total of about 350 000 workers with \$29 million involved.

New Initiatives

- Reserve the majority of the 88 hectares of land (to be created through the Ma Liu Shui Reclamation and relocation of the Sha Tin Sewage Treatment Works to caverns) for I&T development and commence the related study in the first half of 2022, with construction work of the I&T facilities expected to commence progressively around 2029.

- Invite the MTRCL to study the feasibility of a new East Rail Pak Shek Kok Station at or near the site of the current Sports Centre of The Education University of Hong Kong (EdUHK) and to consider how to re-provision the Sports Centre to a site near EdUHK's Tai Po campus; and explore opportunities for unleashing the development potential of the station site and its adjoining land to provide more housing and public facilities including parking spaces and shops.
- Provide a site of about 4 hectares at Pokfulam for The University of Hong Kong to develop R&D facilities.
- Facilitate expansion of the Chinese University of Hong Kong (CUHK) Medical Centre and development of additional facilities through the use of the land adjacent to the CUHK Medical Centre, and take this opportunity to improve the existing public transport arrangements and parking facilities.
- Continue to invest in infrastructure to revive the economy. We are expecting the annual public expenditure in capital works to reach the level of \$100 billion on average in the next few years, covering land and housing supply, healthcare facilities, education, culture and recreation, water supply, drainage and sewerage aspects which are closely related to people's livelihood.
- Further promote "Construction 2.0" to enhance the capability of construction industry as well as the performance of public works projects, and bring down Hong Kong's construction cost.
- Co-ordinate efforts of works departments for further promoting applied R&D in public works projects. Through the adoption of innovative construction methods, new materials and digital technology, the construction time and cost can be reduced and hence the overall productivity of the construction industry can be uplifted.
- Further promote the adoption of MiC in private residential, public housing, social welfare and hospital projects.

- Provide systematic training to mid-tier managers in the Government through the Project Delivery Capability Programme for enhancing their professional skills and project delivery capability, with a view to ensuring more effective use of public resources.
- Actively drive digitalisation of public works including the adoption of Digital Works Supervision System, BIM, and the development of digital integrated platform.

Liveable City

Achievements

- Commissioned the Heung Yuen Wai Highway in May 2019, improving traffic in the North District and providing access to the new Liantang/Heung Yuen Wai Boundary Control Point opened in August 2020.
- Endorsed 12 land premium waiver applications under the policy of Facilitating Provision of Pedestrian Links by the Private Sector; refined the policy in January 2021 to expedite implementation of pedestrian links for early public enjoyment; construction of the footbridge between Pacific Place and Harcourt Garden to commence in 2021 for completion by end-2024.
- Devised a multi-modal Environmentally Friendly Linkage System for Kowloon East.
- For the 10 piers under the first phase, commenced reconstruction for Pak Kok Pier on Lamma Island in April 2020, and improvement works for Kau Sai Village Pier in Sai Kung and Lai Chi Chong Pier in Tai Po in September 2021, while undertaking the design work of the remaining seven. Commenced the engineering feasibility studies of the second phase covering another 13 public piers progressively from May 2021.

- Implemented water saving measures, including requiring the use of water efficient products registered under the Water Efficiency Labelling Scheme (WELS) in new plumbing works; prepared legislative amendments for implementing the Mandatory WELS; arranged implementation of Automatic Meter Reading in about 170 new buildings, involving some 50 000 smart water meters; and launched a certificate course in leakage detection in underground water pipes.
- Updated in August 2019 the Total Water Management Strategy, which adopts a two-pronged approach of containing fresh water demand growth and building resilience in water supply with diversified water resources.
- Explored measures to deal with the leakage problem at private water mains and conducted the public consultation on a proposal to impose a charge for water loss through the communal service.
- Implemented measures for reducing fresh water consumption to achieve the target of reducing the per capita fresh water consumption by 10% by 2030, using 2016 as the base year.
- Implemented asset management and stepped up leakage control measures for public water mains, with a target to reduce the leakage rate from the current 15% to below 10% on or before 2030.
- Established the dedicated Tree Risk Inspection Squad to strengthen tree audits and site patrol; and hosted the International Urban Forestry Conference in January 2020.
- Rolled out the Registration Scheme for Tree Management Personnel in December 2020.
- Launched the Urban Forestry Support Fund under which the Study Sponsorship Scheme and the Trainee Programme were rolled out in July and August 2020 respectively, and launched the “People • Trees • Harmony” promotion campaign.
- Commenced a three-year study to collect and analyse data from 8 000 tilt sensors to test their effectiveness in identifying trees at risk of collapse in August 2021.

- Revitalised the Central Police Station Compound to become Tai Kwun – Centre for Heritage and Arts, which received the Award of Excellence in the United Nations Educational, Scientific and Cultural Organization (UNESCO) Asia-Pacific Awards for Cultural Heritage Conservation.
- Completed 12 projects under the Revitalising Historic Buildings Through Partnership Scheme, attracting over seven million visitors as at August 2021 and receiving five UNESCO Asia-Pacific Awards for Cultural Heritage Conservation. Took forward Batch VI of the Scheme, with 72 applications received in respect of five historic buildings.
- Pressed ahead with the Conserving Central initiative with the restoration of the Former French Mission Building substantially completed in end-2020 and the first phase opening of the revitalised Central Market Building in August 2021.
- Organised “Heritage Vogue • Hollywood Road” street carnival in July 2017 and November 2018, attracting over 56 000 and 76 000 visitors respectively.
- Established the Centre of Excellence for Major Project Leaders in July 2019 and delivered the first Major Projects Leadership Programme in August 2019.
- Signed Memorandum of Understanding with the Infrastructure and Projects Authority of the United Kingdom Government and the Ministry of Finance of the Singapore Government in March 2018 and July 2019 respectively to foster partnership for enhancing cost effectiveness and productivity of the construction industry and uplifting project governance and performance.
- Launched “Operation Building Bright 2.0” in 2018 with two funding injections totalling \$6 billion to assist owner-occupiers of 5 000 buildings to conduct inspection and repair works. Selected around 2 100 buildings to participate in the scheme as at August 2021. Approved around \$143 million for around 430 buildings.
- Extended the permitted uses of the buffer floor in IBs to cover telecommunications exchange centre and computer/data processing centre in 2019. If there is a buffer floor in an IB, the lowest three floors can be changed to non-industrial uses.

- Launched in July 2020 the Building Maintenance Grant Scheme for Needy Owners. Over 3 000 cases were approved as at August 2021.
- Launched the \$2.5 billion Lift Modernisation Subsidy Scheme in 2019 and subsequently injected an additional \$2 billion to increase the number of lifts to be subsidised to about 8 000. Commenced arrangement for modernisation works of about 2 000 lifts as at end-August 2021.
- Launched the \$1 billion Building Drainage System Repair Subsidy Scheme in May 2021. Commenced drainage investigation or repair works for some 100 aged domestic buildings as at August 2021.
- Deployed new technologies on a pilot basis to regulate signboards. Information of the first batch of lawful signboards will be made available for public inspection on the GeoInfo Map, and the Defective Signboards Diagnostic System will be put into pilot use.
- Implemented the Action Plan for Enhancing Drinking Water Safety in September 2017. Progress of various measures:
 - revised the Hong Kong Drinking Water Standards in April 2021, and expanded the scope of the Enhanced Water Quality Monitoring Programme in May 2021 to cover residual chlorine and *Escherichia coli*;
 - implemented a surveillance programme for General Acceptance products in October 2017;
 - implemented new commissioning requirements for new plumbing works since 2017 to ensure the quality of drinking water;
 - launched the Quality Water Supply Scheme for Buildings – Fresh Water (Management System) in November 2017 to encourage property owners and management agents to implement Water Safety Plan (WSP) for their buildings. Received applications from about 2 600 residential buildings, covering some 774 000 households as at end-August 2021;

- set up the Drinking Water Safety Unit in November 2018 to oversee the performance of the Water Supplies Department (WSD) in respect of drinking water safety;
 - set up the Drinking Water Safety Advisory Committee in January 2018; and
 - launched the \$440 million Water Safety Plan Subsidy Scheme in July 2020 to subsidise private buildings to implement WSP. Received about 240 applications, covering about 580 eligible buildings as at end-August 2021.
- Completed the review of the Waterworks Ordinance (Cap. 102) and conducted a public consultation, with a view to introducing the amendment bill to the LegCo by end-2022.
 - Launched in December 2020 the Water Suspension Notification System, which will automatically notify the management office of the estates concerned the water suspension arrangement by WSD. Currently, it covers about 70% of the registered consumers.
 - Earmarked \$6.5 billion to connect the harbourfront promenade and optimise the open space. In the past four years, opened six km of promenade for public use. The goal is to extend the promenade from the current 24 km to 34 km by 2028 and provide open space amounting to about 35 hectares on both sides of Victoria Harbour. Between October 2020 and September 2021, opened 11 harbourfront sites.
 - Completed and fully opened the 60 km long cycle track network in the New Territories from Tuen Mun to Ma On Shan for public use in September 2020.
 - Completed and fully opened the 2.3 km long waterfront cycle track section between Tsuen Wan Riviera Park and Bayview Garden for public use in July 2021.
 - Fostered a “bicycle-friendly” environment in new towns and NDAs and completed the first phase of improvement to cycle tracks and parking facilities at about 100 sites in new towns in mid-2018.

- Implemented progressively a GreenWay of 13 km in total length for shared use by pedestrians and cyclists in the Kai Tak Development Area, and launched in February 2021 a study on its design and implementation.
- Continued to carry out investigation study for the revitalisation and improvement works of the Tai Wai Nullah and Fo Tan Nullah as well as detailed design for the revitalisation and improvement works for the Yuen Long Town Centre Nullah.
- Enhanced the connectivity, improved the environment and released development potential to expedite the transformation of Kowloon East into the second core business district. Completed more than 20 traffic and pedestrian environment improvement schemes, and provided or enhanced over eight hectares of open spaces and public spaces in Kowloon East since July 2017.
- Carried out detailed design for a new footbridge across Kwun Tong Road near MTR Kowloon Bay Station Exit A and another footbridge across Wai Yip Street near Siu Yip Street. Continued the investigation and design for the extension and face-lifting of the pedestrian subway network connecting to MTR Ngau Tau Kok Station.
- Continued the construction of the footbridge near Exit B of MTR Kowloon Bay Station. Commenced investigation and design of a proposed elevated walkway with travellators along Sheung Yee Road.
- Continued improvement works at Hoi Bun Road Park and its adjacent area, with works at Hoi Bun Road Park completed in June 2021. Continued improvement works at Lam Wah Street Playground and its adjacent area, with the pedestrian walkway between Wang Chiu Road and Wang Kwun Road substantially completed in June 2021.
- Continued to implement the District Open Space, Sports Centre cum Public Vehicle Park project at Sze Mei Street, San Po Kong including reprovisioning of the Kai Tak East Sports Centre and provision of 300 underground parking spaces.

- Completed detailed design and selection of play equipment for Kai Tak Runway Park. Commenced works on the zipline and play tower in May 2021.
- Commenced “Revitalization of Tsui Ping River” project in July 2020 for completion in 2024.
- Established the Invigorating Island South Office in February 2021 and started consulting stakeholders and co-ordinating with relevant bureaux and departments to take forward the initiative. A Conceptual Master Plan covering the Wong Chuk Hang, Aberdeen and Ap Lei Chau areas was promulgated in August 2021.
- Launched a design competition in September 2021 to collect innovative design ideas for creating a Green Link in Wong Chuk Hang.
- Continued to plan face-lifting of public spaces in the abovementioned areas, together with improvement of the walking environment and connectivity. Related minor works projects have commenced progressively from mid-2021 onwards.

New Initiatives

- Apply a new comprehensive pedestrian planning framework in planning and design of NDAs where appropriate.
- Take forward mitigation and adaptation measures for tackling climate change with a rough estimate of \$240 billion in the next 15 to 20 years.
- Organise arboricultural courses for personnel registered under the Registration Scheme for Tree Management Personnel to continue their professional development and meet the renewal requirements.
- Launch a webpage to promote public appreciation and knowledge on landscape design features of local green spaces.
- Step up urban renewal by devising the implementation details of new planning tools proposed in Urban Renewal Authority (URA)’s District Study for Yau Ma Tei and Mong Kok such as transfer of plot ratio for early implementation in the two districts and where appropriate, to other districts.

- Invite the URA to commence district planning studies in Tsuen Wan Town Centre and Sham Shui Po with a view to formulating urban renewal plans to guide urban restructuring and promote redevelopment.
- Review the compulsory sale application threshold for old and dilapidated buildings with a view to expediting urban renewal.
- Consult the public on legislative amendments to empower the Fire Services Department and the Buildings Department to carry out re-safety improvement works for owners of old composite and domestic buildings who have failed to comply with the requirement of the relevant ordinance, and to recover the related fees from owners afterwards.
- Examine the scope for improving the Protection of the Harbour Ordinance (Cap. 531) to facilitate particularly the carrying out of works for improving connectivity or enhancing harbourfront areas for public enjoyment.
- Progressively open three new promenades, namely the Pierside Precinct (Phase 2), Water Sports and Recreation Precinct (Phase 2) and Revitalised Typhoon Shelter Precinct, from end-2021 to mid-2022, in order to realise the vision to extend the promenade along the Victoria Harbour to 34 km in 2028. In addition, the first promenade section at the Kai Tak former runway implemented as Public Open Space in Private Development is expected to be completed in 2022.
- Actively implement at more harbourfront sites the open management approach successfully adopted in the “Harbourfront Shared Space” in Western District and Wan Chai. To help members of the public better understand this new management mode, we will step up our promotion and publicity efforts.
- Adopt water-friendly “harbour steps”, i.e. a fence-free stepped down water edges design at the Water Sports and Recreation Precinct (Phase 2) as well as the Revitalised Typhoon Shelter Precinct to bring people closer to the water and facilitate the organisation of water sports activities at the Water Sports and Recreation Precinct.

- Conduct a comprehensive pedestrian environment improvement review on the betterment of walkability and connectivity in Kowloon East and the San Po Kong Business Area to complement the ongoing transformation of Kowloon East into a well-connected and pedestrian-friendly core business district.
- Carry out a study riding on the theme of “The Spirit of Creation” to review the industrial culture in Kowloon East and the San Po Kong Business Area for branding and promoting the characteristics of the district, as well as inheriting its industrial culture quality and creative spirit by urban design interventions in the process of Kowloon East’s transformation into a core business district.
- Promulgate Invigorating Island South Conceptual Master Plan 2.0 covering the Wong Chuk Hang, Aberdeen and Ap Lei Chau areas in 2022, after engaging stakeholders and incorporating their comments. Take forward various quick-win measures on enhancing connectivity as well as improving leisure facilities on the waterfront in tandem to bringing early improvements.
- Commence a study within 2021 to formulate comprehensive proposals for pedestrian environment and traffic improvements to bring vibrancy to the abovementioned areas.
- Commence construction works on a “Green Link” in Wong Chuk Hang in 2022 to link up MTR Wong Chuk Hang Station and Aberdeen Country Park through a series of attractive sitting-out areas and pedestrian facilities.
- Formulate proposals for the revitalisation of Staunton Creek Nullah into a river with environmental and landscape upgrading, integrating with adjoining public spaces to create a more pleasant walking environment.
- Study the technical feasibility of redevelopment and consolidation of the existing recreation ground, sports ground, sports centre and swimming pool facilities in Wong Chuk Hang, incorporating public vehicle park and other facilities to promote “single site, multiple use”.
- Formulate preliminary proposals for a planned open space site adjoining Ap Lei Chau Park to provide more leisure facilities for public enjoyment and create a more vibrant waterfront.

- Commence an investigation and design study on the expansion of Aberdeen Typhoon Shelter in 2022 to provide more vessel berthing area.
- Develop an accurate 3D digital underground utilities database with a view to facilitating the construction industry to plan and conduct the underground works efficiently and reducing road closure time resulting from the excavation works, thereby benefiting the community as a whole. The database is expected to be progressively established in 2023.
- Adopt innovative technologies proactively for waterworks management and maintenance. Measures include developing “digital twins” of major water treatment works and appropriate water supply networks for real-time monitoring and scenario simulation to enhance operation performance and reliability and exploring application of robotics, artificial intelligence, etc. for inspection and maintenance of waterworks.
- Develop electronic platforms to facilitate processing of service requests from the public and water supply applications from the trade, and adopt more innovative technologies such as artificial intelligence and smart data analytics in further improving customer service.

Caring Society

Achievements

- Pressed ahead with the initiative of providing additional gross floor area for welfare purposes in public housing projects to be completed from 2026-27 onwards. A broad-brush review on the feasibility of implementing this new initiative in individual projects has been completed. The initiative will be taken forward in most of the projects.
- Imposed since 2018-19 the requirement for provision of babycare rooms and lactation rooms in the conditions of sale of all commercial land sale sites.