

For information on
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LANTAU DEVELOPMENT ADVISORY COMMITTEE

Work Progress of the Sustainable Lantau Office

PURPOSE

This paper aims to brief the Lantau Development Advisory Committee (LanDAC) on the work progress of the Sustainable Lantau Office (SLO).

BACKGROUND

2. The SLO of the Civil Engineering and Development Department (CEDD) was set up on 1 December 2017 to take forward the planning, assessment, design and implementation of various development projects and initiatives in conservation, local improvement as well as leisure and recreation in Lantau in a well prioritised, coordinated and integrated manner.

PROGRESS OF MAJOR TASKS

(1) Development Projects

3. The SLO has been pressing ahead with development projects in Lantau, including the Tung Chung New Town Extension (TCNTE), the Infrastructure Works for Public Housing Development at Area 54, Tung Chung, the Engineering Study on Road P1 (Tai Ho - Sunny Bay Section), and the Studies related to Artificial Islands in the Central Waters.

Project	Latest Work Progress
TCNTE (comprising Tung Chung East (TCE) and Tung Chung West (TCW))	(a) The 130-hectare (ha) reclamation works in TCE extension area commenced in late 2017. Two public housing sites (about 7 ha) and a commercial site of about 1.2 ha were handed

(Translated Version)

Project	Latest Work Progress
extension areas)	<p>over to the Hong Kong Housing Authority (HKHA) and Lands Department in March and June 2020 respectively for public housing development and land disposal. Another two public housing sites (about 3 ha) were also made available to HKHA in October 2020 for public housing development.</p> <p>(b) The associated road and sewerage works in the first phase infrastructure works of TCW extension area were authorized under the Roads (Works, Use and Compensation) Ordinance (Chapter 370) and the Water Pollution Control (Sewerage) Regulation (Chapter 358, Subsidiary Legislation AL) respectively in the second half of 2020.</p> <p>(c) We strive to seek funding approval for the construction of the first batch of main infrastructure works in TCNTE from the Legislative Council (LegCo) in the current legislative session.</p>
Infrastructure Works for Public Housing Development at Area 54, Tung Chung	<p>(a) Phase 1 works comprising the construction of footpath, cycle track, cycle parking area, bus lay-by, etc were substantially completed in July 2019. Phase 2 works, including the construction of new carriageway and sewerage facilities are anticipated to be completed in December 2020 to tie in with the completion of public housing development in 2021-2022.</p>
Engineering Study on Road P1 (Tai Ho - Sunny Bay Section)	<p>(a) We briefed the LegCo Panel on Development on the funding proposal for the study in January 2020 and are striving to seek funding approval from the LegCo in the current legislative session to commence the study.</p>
Studies related to Artificial Islands in the Central Waters	<p>(a) We obtained the support of the Public Works Subcommittee in May 2019, and are striving to seek funding approval from the LegCo in the current legislative session to commence the study.</p>

(Translated Version)

(2) Smart, Green and Resilient Initiatives

4. We are actively pursuing city concepts that are smart, green and resilient to environment and climate in TCNTE for their first trial.

Initiative	Latest Work Progress
TCNTE	<p>(a) The project adopts eco-shorelines, in a bid to provide a suitable habitat for colonisation of marine species and enhancing biodiversity. Three different eco-shorelines have been designed, namely mangrove, rocky and vertical eco-shorelines. Site trials are in progress.</p> <p>(b) To protect the Tung Chung Stream more effectively, we are working on the detailed design of the sustainable urban drainage system to control the amount and water quality of surface runoff discharged into the stream. Besides, to further enhance the environmental capacity of Lantau with a view to contributing to its sustainable development, we are working, in collaboration with relevant stakeholders, on the detailed design of a River Park (developed from the Tung Chung Stream).</p> <p>(c) We will introduce common utility tunnels, and enhance walkability and mobility through provision of comprehensive road, footpath and cycle track networks, connected green and blue assets and user-friendly environment. We are also studying the feasibility of a real-time traffic modelling system for application in the TCNTE.</p> <p>(d) We are working with relevant departments to introduce electric vehicle chargers, water intelligent network, automatic meter reading system and district cooling system.</p>
Technological Application to identify vehicles without valid	(a) We commenced a Proof-of-Concept study in March 2020 on the application of technology for identifying vehicles without valid Lantau closed

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Initiative	Latest Work Progress
Lantau Closed Road Permit	road permits entering the Lantau closed roads. Based on the preliminary design of the monitoring system, we are liaising with the Transport Department and the Hong Kong Police Force on future operation arrangements.

(3) Conservation Initiatives

5. The SLO endeavours to take forward various initiatives to enhance conservation while promoting leisure and recreation proposals that are sustainable and compatible with the local context of Lantau. We have formulated the Lantau Conservation and Recreation Masterplan (the Masterplan) to provide a framework guiding our conservation and recreation initiatives. We also set up a \$1 billion Lantau Conservation Fund (LCF) to support conservation work in Lantau.

Initiative	Latest Work Progress
Lantau Conservation and Recreation Masterplan	(a) We have formulated a Lantau Conservation and Recreation Masterplan.
Conservation of Ecologically Important Habitats	(a) We briefed the Lantau Development Advisory Committee and green groups in January and June 2020 respectively on the preliminary findings of the Ecological Study for Pui O, Shui Hau, Tai O and Neighbouring Areas (the Study). We also gauged their views on the conceptual conservation measures for these three priority sites. At present, we are finalizing the Study for completion in early 2021. (b) Apart from the Study for the three priority sites mentioned above, we are preparing the consultants selection exercise for the ecological study on the second batch areas covering San Tau to Sham Wat, Yi O and Shap Long for commencement in the second quarter of 2021 tentatively.
Lantau Conservation Fund (LCF)	(a) The Government set up the LCF Advisory Committee (LCF AC) in October 2020. The

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Initiative	Latest Work Progress
	<p>first meeting of the LCF AC was held in November 2020 in which the funding arrangement¹ for conservation and the related projects and the prioritisation of the first batch of minor local improvement works were discussed. A briefing session for potential applicants was also held in November 2020 to introduce to them the details of the funding. We plan to invite the first round of funding applications for the conservation and the related projects in December 2020.</p> <p>(b) We are collaborating with various government departments to identify suitable minor local improvement works projects to be taken forward under the LCF. Projects under planning include improvement works for hiking facilities in Ngong Ping and fresh water supply improvement works in Tai Long Village. Both projects are planned to commence in 2021 tentatively.</p>
Tackling Landfilling and Dumping of Construction and Demolition (C&D) Waste	<p>(a) We will continue to collaborate with relevant policy bureaux and departments to tackle the problem of landfilling and dumping of C&D waste, including adopting different administrative measures.</p> <p>(b) In July 2020 we requested, in writing, the relevant stakeholders, including works departments, contractors, authorised persons and utility undertakers, to enhance their monitoring and control over disposal of C&D waste.</p> <p>(c) The establishment of LCF would be conducive to the conservation work involving private lands.</p>
Cultural and Historical	(a) We are carrying out studies in phases on the

¹ It includes the scope, eligibility, application arrangement, assessment criteria and procedure, project implementation and monitoring requirements, etc.

(Translated Version)

Initiative	Latest Work Progress
Studies	<p>culture and history of the villages in Lantau to investigate suitable conservation and revitalisation options, and set up a cultural and historical database. The first phase of cultural and historical studies focusing on rural villages at north-west Lantau commenced in November 2019 for completion in 2022 tentatively, and the second phase of cultural and historical studies focusing on rural villages at south-east Lantau commenced in October 2020 for completion in 2023 tentatively.</p> <p>(b) We have in December 2019 engaged consultants to collect views of key stakeholders and the public for developing a revitalisation strategy plan for Tung O Ancient Trail and the nearby villages. The relevant engagement activities are being carried out and the study is expected to be completed in January 2021.</p>

(4) Leisure and Recreation Initiatives

6. The SLO has contributed to developing the Northeast Lantau into a node for leisure, entertainment and tourism as well as promoting sustainable leisure and recreation activities in Lantau for public enjoyment. We have formulated the Lantau Trails and Recreation Plan and will take forward this visionary plan in phases for the development of a hiking trail network connecting a number of heritage, ecological and recreational hotspots, with a view to providing diverse sustainable leisure experience and promoting healthy living.

Initiative	Latest Work Progress
Sunny Bay Reclamation	(a) We are reviewing the programme for conducting the Planning and Engineering Study on Sunny Bay Reclamation ² .
Lantau Trails and	(a) We have formulated a Lantau Trails and

² Detailed planning of land uses and various assessments to establish the technical feasibility of the supporting infrastructure are included.

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Initiative	Latest Work Progress
Recreation Plan	<p>Recreation Plan and are preparing a programme to take forward different proposed projects and initiatives for implementation in phases.</p> <p>(b) We commenced a study in July 2020 for improving the trails in Lantau and constructing a Round-the-Lantau Route linking up the attractive points in Lantau. In addition, we are preparing to engage consultants in early 2021 to undertake the preliminary design for the feasible sustainable and low-impact eco-recreation and education initiatives in South Lantau covering areas along the catchwater road and near Shek Pik reservoir.</p> <p>(c) Upon the completion of toilet improvement works which were well received by the public, we completed the installation of a sustainable environmental friendly waterless toilet at Shap Long in August 2020. We have also completed other improvement works in 2020, including the campsite improvement works at Shek Pik and Nam Shan, and trail improvement works of an about 100-m long section of Nei Lak Shan Country Trail.</p> <p>(d) We are liaising with the Agriculture, Fisheries and Conservation Department on the provision, planning and design of various supporting facilities at country parks, including provision of viewing platforms, wind shelters, camping facilities and hiking hubs, etc.</p> <p>(e) The trial scheme to increase weekend ferry schedules to/from Tai O has been extended by one year to September 2021. We are collaborating with relevant departments to explore improvement measures for way finding/signage to the Tung Chung Development Pier to further promote the use of water transport.</p>
Improvement and Expansion Works for	(a) The expansion of MBT networks and provision of a practice ground in Mui Wo were

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Initiative	Latest Work Progress
Mountain Bike Trail (MBT) Networks	<p>substantially completed in 2019. The construction of the remaining MBT network in Chi Ma Wan was also substantially completed in September 2020.</p> <p>(b) We have engaged consultants in April 2020 to carry out the detailed design of the expansion of MBT networks (Remaining Phase) connecting Mui Wo and Pui O.</p>
Beautification of Old Tung Chung Road	<p>(a) We are collaborating with relevant departments to enhance the scenery of old Tung Chung Road between Pak Kung Au and Cheung Sha through implementing landscape improvement works.</p>

(5) Local Improvement Works

7. To enhance the living environment and quality of life of the locals, we are carrying out the following studies and local improvement works.

Improvement Works	Latest Work Progress
Improvement Works at Mui Wo	<p>(a) We kicked off a public engagement exercise in November 2020 on the facelifting proposal around Mui Wo Ferry Pier, which includes the construction of an entrance plaza and a waterfront promenade as well as the reprovisioning of the cooked food market, cycle parking area and public transport interchange. We will consolidate the comments received and proceed to finalise the layout design.</p>
Improvement Works at Tai O	<p>(a) The detailed design of Phase 2 Stage 2 works, comprising footbridge construction, enhancement of existing space for holding community and cultural events, and upgrading of the Yeung Hau Temple garden, is in progress. We consulted the relevant stakeholders including the Tai O Rural Committee and Islands District Council in February and September 2020 respectively. Moreover, the</p>

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Improvement Works	Latest Work Progress
	preliminary design of the remaining works, comprising construction of a promenade and improvement works to local trails and supporting infrastructure, is in progress.
Improvement Works at Ma Wan Chung	(a) The beautification works including beautification of footbridge and Tung Chung Public Pier, etc. were completed in January 2020 while the other works including construction of coastal pedestrian access, car parking facilities, drainage and sewerage works will be implemented in phases under the TCNTE project.
Local Roads and Pier Facilities Improvement Works in South Lantau	(a) We are undertaking the “Study on Traffic, Transport and Capacity to Receive Visitors for Lantau” to examine the internal traffic and transport (including possible road and pier improvement works), possible green transport as well as the capacity to receive visitors for Lantau. The study is anticipated to be completed in the second half of 2021.

(6) Public Engagement, Education and Promotion Activities

8. We take forward public engagement, education and promotion activities in conducting our various studies and projects to enhance public awareness of conservation and promote sustainable development of Lantau.

Activity	Latest Work Progress
Public Engagement	(a) We proactively invite relevant academics, professionals and experts to participate in our studies and projects. We have arranged five expert groups/panels to provide views and strategic directions on topics related to nature conservation, receiving capacity for visitors and green transport for Lantau, trails and recreation initiatives, cultural conservation, and public relations strategy for Lantau development and conservation.

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Activity	Latest Work Progress
	<p>(b) In respect of the development of the artificial islands in the Central Waters, we will continue our efforts to explain the project objectives and directions of the technical studies to the public. We will continue to engage different professionals and young people to exchange views on the opportunities from the development of artificial islands, as well as the planning and design of the artificial islands. Besides, SLO has proactively engaged relevant stakeholders to discuss the suggestions on smart, green and resilient initiatives. These stakeholders include academic and scientific research institutions, professional institutions, industry organisations and enterprises, etc. in the fields of smart cities, new technologies and environmental measures.</p>
Education	<p>(a) We have originally arranged guided tours and talks under the School Promotion Programme and prepared to collaborate with relevant government departments or non-government organisations through different activities to increase public awareness of conservation and promote community participation in Lantau conservation. These educational activities have been put on hold since late January 2020 due to the COVID-19 pandemic. Subject to the latest situation of the pandemic, we will resume these educational activities progressively.</p> <p>(b) We organised an online public workshop, in collaboration with the World Wild Fund for Nature Hong Kong, in October 2020 to promote the importance of conservation of coastal areas of Shui Hau in Lantau.</p> <p>(c) We promoted the nature and culture conservation and sustainable development of Lantau, through publicising relevant articles as during the period from November 2020 to January 2021 one of the supporting organisations in an online education</p>

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Activity	Latest Work Progress
	programme organised by the Hong Kong Extra-curricular Activities Masters Association.
Promotion	<p>(a) We have launched a roving exhibition with the theme of green living at Lantau in November 2020, to promote the initiatives of the SLO in this aspect.</p> <p>(b) We have been promoting the conservation and sustainable development of Lantau through online platforms (e.g. websites and social media platforms).</p> <p>(c) We have held a briefing session for potential applicants of the LCF in November 2020 on the outline, application procedures, points to note, etc. of the LCF.</p>

CONCLUSION

9. Members are invited to note work progress of the SLO.

**Civil Engineering and Development Department
December 2020**