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Port Works 90 - A Time to Remember

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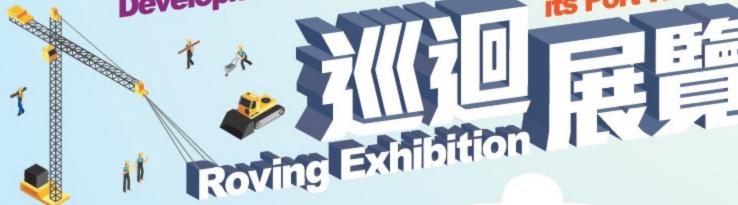
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土木工程拓展署成立15周年及 其轄下海港工程部 15th Anniversary of Civil Engineering and **Development Department and**

90th Anniversary of its Port Works Division



土木工程拓展署(土拓署)於2004年由時為土木工程署和拓展署合併 而成,成立至今15周年,當中負責為市民提供港口及海事工程服務 的海港工程部,其歷史更可追溯至1929年。

為慶祝土拓署成立15周年及其轄下海港工程部成立90周年的重要里 程碑,我們特別舉辦這個巡迴展覽,透過文字、短片以及珍貴舊相 片,讓市民回顧土拓署與海港工程部的歷史和發展,以及瞭解部門的 未來發展方向。

This year marks the 15th anniversary of the Civil Engineering and Development Department (CEDD) which was established in 2004 through amalgamation of the Civil Engineering Department (CED) and the Territory Development Department (TDD). The history of its Port Works Division which was responsible for providing port and marine services can be traced back to 1929.

As a celebration of the significant milestones of the 15th anniversary of the CEDD and the 90th anniversary of its Port Works Division, CEDD has organised a thematic roving exhibition. Through texts, videos and precious old photos, it offers the opportunities for citizens to review the history and development of CEDD and its Port Works Division, and to understand Department's future development.









土木工程拓展署成立十五周年

CEDD's 15th Anniversary

昔日的中環 Old Photo of Centra



新界拓展署成立

The New Territories Development Department (NTDD) was formed

CEDD

新界拓展署改稱為拓展署,職責 範圍擴展至市區的大型發展工程。 The NTDD was renamed the Territory Development Department (TDD) to take on additional responsibility for major development projects in the urban areas.







梅窩改善工程





工務司署成立

Public Works Department (PWD) was formed





TDD

1973

工務司署轄下的土木 土木工程署成立

Civil Engineering Services Department, renamed as Civil Engineering Department in 1991 (CED) was formed 工程處成立 Civil Engineering Office (CEO) under PWD was formed

2004年7月1日土木工程署 與拓展署合併,成立 土木工程拓展署。

On 1 July 2004, the CED merged with TDD to form the Civil Engineering and Development Department (CEDD).



土木工程拓展署 成立十五周年 CEDD's 15th Anniversary





我們的工作

Our Works

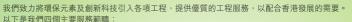




港口及海事工程服務 Port and Marine Services

推行不同類別的海事工程,包括設計和建造 公眾碼頭及海濱長廊、維修海堤和碼頭, 以及定期進行維護性疏浚工程等。

Implementation of various types of marine works, including design and construction of public piers and waterfront promenades, maintenance of seawalls and piers, and carrying out regular maintenance dredging works, etc.



We strive to introduce environment protection elements and innovative technology into various engineering projects. We are committed to provide high quality civil engineering services to meet Hong Kong's development needs. Our four major areas of services are shown in the following:





環境及可持續發展服務 Environment and Sustainability Services

推行綠化總綱圖、基建相關的綠化工程和管理建築廢物等。 Implementation of Greening Master Plans, greening works associated with infrastructure projects and management of construction waste etc.







馬鞍山海濱長廊

十地及基礎建設 Provision of Land and Infrastructure

提供土地和基礎建設以配合不同的發展需 要,其中包括將軍澳跨灣連接路和落馬洲河 將軍澳跨灣連接路

Provision of land and infrastructure for various development needs, including Cross Bay Link, Tseung Kwan O and Lok Ma Chau







鞏固現有的政府人造 斜坡



岩土工程服務 Geotechnical Sevices

確保斜坡安全和管理「長遠防治山泥傾瀉計劃」等。 Ensuring slope safety and managing the Landslip Prevention and Mitigation Programme, etc.









如有任何查詢, 歡迎電郵至 www.cedd.gov.hk





海港工情90

Port Works 90 - A Time to Remember

19世紀的兩榮碼頭,沿岸客 棧滿佈。苦力正忙於運送食 水上船。

Coolies busily carrying buckets of water to the junks moored at Liangrong Pier in the nineteenth century. The shore was

lined with inns.

1841至1883年間,政府的港口工程主要集中在周建及維修锡顶。 海堤及海旁。政府在海港闽建的第一個锡頭便位於現址中環 銀打花園附近-1841年開始創工的船政镇 (Harbour Master) 全 台階、全部工程製船长湖園時往 處本內於1845年竣工,耗資 2,460元 (折合約559英挑) 的興建費。銀只佔政府在1841至1844的 2,400元(明日 113339 英が7 15 英雄原・東ストロ成が任1841 至1844日 線支出的1.2%・但已標誌著政府日後在碼頭維修及建設上會擔當 一定的角色。

— "EST, PMC."

In 1441—1833. The Government mainly involved in the construction and multivariance of piers, sewall and the Paga as regards pot-related works. The first pier but his mide he behavior was statuted me the present-of your final facilities of control. Construction works for the Historian Matter's Ministry Dakes pages in 1841. The behavior position for the Historian Matter's Ministry projection for the Historian Matter's Ministry projection for the Historian Matter's was completed in 1656 at a cost of \$2,440 (5550), Although the budget matter was completed in 1656 at a cost of \$2,440 (5550), Although the budget matter was completed in 1656 at a cost of \$2,440 (5550), Although the budget matter was considered in the construction of power matter was considered in the construction and page and the budget matter was constructed in which execution in the construction and regards.



從天樂里海旁東眺東角,約於

20世紀初。

East Point, looking east fr

in the early twentieth century.

Gloune Manufach Fordation Callerions

斯大尼尼亚肯有多一种任用工程的价值需要与 不少面顶点 透露现在
天地压在于耐火油 上的英文各价Datesvalton Pentilly James 11 通過分。

大地压在于耐火油 上的英文各价Datesvalton Pentilly James 12 通過分。

起源度,实现无方为海外海是占的旧口美国省场、通常发生,是是美国或国际的企业是 14 通過分,

建度,现无方为海外海是占的旧口美国省场、通常分别。这些是是是一种企业,是是是一种企业。

建度,现在一个人工程,是一个一个一个人工程,是一个一个工程,是一个一个工程,是一个一个工程,是一个一个一个工程,是一个一个工程,是一个一个工程,是一个一个工程,是一个一个工程,是一个工程,是一个工程,是一个一个工程,是一个工程,是一个工程,是一个工程,是一个工程,是一个一个工程,是一个一个工程,是一个一个工程,是一个工程,是一个工程,是一个工程,是一个一个工程,是一个一个工程,是一个工程,是一个一个工程,是一个一个工程,是一个工程,是一个一个工程,是一个一个工程,是一个工程,是一个工程,是一个一个工程,是一个工程,是一个一个工程,是一个一个工程,是一个工程,是一个一个工程,是一个工程,是一个工程,是一个一个工程,是一个工程,是一个一个工程,是一个工程,是一个一个工程,是一个一个工程,是一个工程,是一个一个工程,是





海港工情90

Port Works 90 - A Time to Remember

1921年政府開展自灣仔軒尼詩道與莊士敦道匯合處至銅鑼灣波斯富街的填海工程。 個片羅·斯姆爾 城市·斯·斯姆爾



Redamation began in 1921 at the intersection of Hennessy Road and Johnston Road in Wan Chai and extended to Percival Street in Causeway Bay. The photograph shows the construction of seawall for the redamation.

前141年以来。帯遊り、1月有不量、計分配数・18月 至19月年間参与征知的、几日分を急見、12日から以上、計18月 平安を使用人の対する。等人の問題を重要を 政策が必要等。受益を認定対学業的工程が開発。電力が表現を構造機能を対していません。 高度・帯撃行場対する・2根から高空振り、近極地を定めたし、中央工程的立ては、1月日本大規則、初から計算素明の中、但生工程が構設しません。 第2日・帯撃行場対する・2根から高空振り、近極地を定め入口・境里工程的立ては、1月日本大規則、初から計算素明明を一位生工程が構設的正式を対しては、一場を実施構造を 最後、2月20日の大力を対していません。

Sept. 3.1 (2000 CPT 29°C. 1990 CPC 20°C. 1997 Max 32) pet 14 miles 14 miles





海港工情90

Port Works 90 - A Time to Remember

俗稱「嘩啦嘩啦」的電氣船,

約於1930年代。

解的に 1950年 に (開始機能・過程限度制制制 Passenger ferry (dieseHelectric ferry) in early days, also known as "Walla-Walla", in the 1930s.



1950年代的銅鑼灣避風塘

新郊園是市 伊水上医院免费超过改变2分。

And her be Walt War IL construction of sphonous netheral sections the key port development. The extension of Cassavary Bay Typhonou Shelters was the first largue-claular activat with the black The spropose of source of since More Bar Bay and supposed and provide the filter good invalided for filling or since the filter bar Bay and the section of the Cassavary Bay Typhonous Shelter to exceed a sit the exemption of the Cassavary Bay and the Shelt Bay and the Cassavary Bay and the





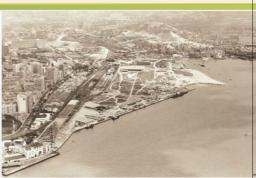
海港工情90

Port Works 90 - A Time to Remember

戰後政府積極開拓九龍半島。 1963年5月紅磡填海施工實況。

Development of the Kowloon Peninsula began in earnest the war. Reclamation in progress at Hung Hom in May 1963. (Source: Challenges for an Evolving City)

Genet Callenge for at Echang Call
1946年11月 一套设置和 2046年12月 2048年12日 2048年12





1964年青山 (今屯門) 的第一期發展工程藍圖。

Billueprint for the first stage development of Castle Peak (present-day Tuen Mun) in 1964.

在1966年,青山後行第一層項原工程,指地接220英数,到7 1966年,最月間與展覽可容計100人允许等50年,1976年 到760年,東月間與展覽可容計100人允许等50年,1976年 1976日至東京之人共和省外海海海水。在6十万年的大学、1976年 156,000人的居住院之 157,000人的居住院之 157,000人的居住院 157,000人的居住院之 157,000人的居住院 157,000 157,0



海港工程的發展

Port Works 90 - A Time to Remember

Development of the Port Works



早期海港工程發展 **Port Works Development** in Early Days

首個碼頭

First Pier

1841- 船政道登岸碼頭 1845 Harbour Master's Pier

首項填海工程

First Reclamation 1852 文咸海旁填海工程 Bonham Strand

首項避風塘

First Typhoon Shelter

1883 銅鑼灣避風塘 Causeway Bay Typhoon Shelter



1945-1982

戰後海港工程發展 Port Works Development after World War II

增關避風塘使水上居民免受 颱風吹舞之苦 Additional typhoon shelters provided to protect boat dwellers against typhoons

增建碼頭以連繫偏遠離島與 市區核心地帶 Additional piers constructed to

link remote outlying islands with the city nucleus

疏浚航道以確保維港的航行安全 Maintenance dredging works undertaken to ensure navigation safety in Victoria Harbour









Port Works 90 - A Time to Remember

每港工程的

Development of the Port Works



近年海事工程建設 **Marine Works Construction** in Recent Years

Parall 6 - 6 Maintenant of Albert 1 19 fore Vision State 1 (Oliver X (Oliver)

設計、建造及維護各類 海事設施 Design, construct and maintain various types of marine facilities

改善及重建現有公眾碼頭和 登岸梯台設施 Carry out improvement and reconstruction works for existing public piers and landing facilities

就海港和主要河道進行定期 維修疏竣 Regular maintenance dredging for the harbour and major watercourse













海港工情90

傳統填海技術

Traditional Reclamation Technology

過往,香港的填海工程通常採用兩種建造方法,即「疏浚法」和「排水法」。 在填海範圍周邊海堤的位置會採用「疏浚法」,首先移除所有或部分 海洋沉積軟土,然後放置沙填料或碎石以承托海堤構築物。而在 填海範圍內的位置會採用「排水法」以避免挖去海洋沉積軟土, 首先在海床安裝垂直排水帶,然後放置填料,再利用預載重量加 快軟土的加固速度。

'Dredged Reclamation' and 'Drained Reclamation'. 'Dredged Reclamation' is used to remove all or part of the soft marine deposit around the seawall, and then sand fill or gravel is placed to support the seawall. While in inner area of the reclamation, 'Drained Reclamation' is used to avoid dredging of the soft marine deposit. Vertical band drains are installed in the seabed, followed by placement of a fill layer and finally surcharge is added to accelerate consolidation of soft marine deposit.











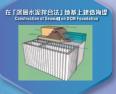
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新填海技術 New Reclamation Technology

近年,為了減少項海工程對環境所帶來的不良影響,我們正採用以非流滾方法推展 項海工程、包括深層水泥拌合法及安裝碎石樁。「深層水泥拌合法」並不須要 清除海洋沉積軟土,利用機械設備將它與水泥漿混合,形成水泥拌合 柱群,從而增加海洋沉積軟土的強度,足以承托海堤構築物和 項土的重量。

In recent years, in order to minimize the environmental impacts of reclamation works, we are adopting a non-dredging approach, including Deep Cement Mixing (DCM) and Stone Column, in taking forward redamation projects, DCM does not require removal of soft marrine deposit. Mechanical machines are used to mix marine deposit with cement to form a DCM grid to strengthen the marine deposit for supporting the weight of seawall and backfill.



「深層水泥拌合法」的施工方法 Construction Method of Deep Cement Mixing





香港氣候變化

Climate Change in Hong Kong

Port Works 90 - A Time to Remember



氣溫上升

Rise in temperature

平均海平面高度上升 Rise in mean sea level

風暴潮威脅增加 Increase of threat of storm surges

極端高溫、極端降雨越趨頻繁 **Extreme heat and extreme rainfall** becoming more frequent

當中,平均海平面高度上升和 風暴潮威脅增加對沿海構築物的 影響最為值得關注。

The impact arising from the rise in mean sea level and increasing threats of storm surges on coastal structures are mostly concerned.







目前主要工作 Current Main Tasks

海港工情90

Port Works 90 - A Time to Remember

- 氣候變化基建工作小組成立,土木工程拓展署協調工務部門應對氣候變化。
 - With the establishment of the Climate Change Working Group on Infrastructure, the Civil Engineering and Development Department coordinates the works departments to cope with climate change.
- 2. 已檢視香港重要公共基建設施的抗逆能力。
 Has reviewed the resilience of critical public infrastructures.
- 3. 已更新 "海港工程設計手冊"。 Has updated the "Port Works Design Manual"
- 檢視極端天氣及氣候轉變對沿海較低窪或當風地點的影響, 並制訂應對措施。
- Study the impacts of extreme weather and climate changes on low-lying coastal and windy locations, and formulate measures.
- 繼續與天文台合作,推展有關氣候變化的研究。
 Continue to collaborate with the Hong Kong Observatory to launch studies relating to climate changes.

沿岸海事基建設施 Coastal Marine Infrastructure



Cruise Terminal





渡輪碼頭 Ferry Pier



避風地防波堤



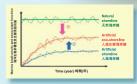
海港工情90

Port Works 90 - A Time to Remember

什麼是生態海岸線? What is an Eco-shoreline?

- 將生態學的概念融入人造海岸線的設計中
- 生態海岸線既可提升沿岸生態系統和生物多樣性。亦可推動親水文化,為居民和 遊客提供閒息和休憩的好去處。
- Incorporates ecological concepts into the design of an artificial shoreline
- Eco-shoreline will not only enhance the ecological systems along seashores and their biodiversity, but also promote a water-friendly culture, with a view to providing great leisure and recreational destinations for public enjoyment.





1人造海岸線相比較,生態海岸線可以增加海洋生物多樣性及提升 態系統功能。再者,生態海岸線亦可以減少外來入侵物種和提升 然生塊及物種間的連接性。

Eco-shoreline can increase blodwersity and ecosystem functions when comparing to the artificial charaline. It can also not use his investion and increase and comparing to the

硬岸及軟岸生態海岸線設計 Hard-engineered and Soft-engineered Eco-shoreline Design

生態海岸線設計分別有硬岸設計(即以石頭和混凝土物料建造)和軟岸設計(即使用天然物料建造)。硬岸設計最適合 在暴露和受到強烈波浪作用的地點採用,因為它們能抵擋巨浪和提供更有效海堤保護。

而軟岸設計適合採用於受庇護而風浪較小的水域。

Eco-shoreline designs / features can be broadly dassified as "hard engineering" (i.e., made of rocks and concrete structures) and "soft engineering" (i.e., building with natural materials like mangrove plantation and artificial welland). Hard-engineered Eco-shoreline design is suitable to be used in locations exposed to strong waves. Soft-engineered eco-shoreline design is suitable to be used in the sheltered estuary areas receiving less wave energy.

硬岸生態海岸線設計

Hard-engineered Eco-shoreline Design 優化海牆 Enhanced Seawall Panels 潮池/岩池 Tidal Pools 生態護甲組件 Ecological Armoring Unit

軟岸生態海岸線設計

Soft-engineered Eco-shoreline Design 紅樹林海岸線 Mangrove Plantation 牡蠣養殖籃 Oysters Baskets



海港工情90

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香港生態海岸線 實地試驗研究 Site Trials of Eco-shoreline in Hong Kong

土木工程拓展署轄下海海工程部正與本地大學攜手合作,分別在西邊、馬內共和能鼓灘 三個分屬海洋性、半個水域和河口性的地路。進行為網兩年的實地測試。有關測試結果 解有助評任品-随宜在不港建造生態海岸線。並就此制訂應的的設計及維修保養標準。 The Port Works Division under the Civil Engineering and Development Department, currently in collaboration with local universities, commissioned 2-year field tests at Sai Kung, Ma Liu Shui and Lung Kwu Tai (delirified as the occasir, enclosed and estuarine types of water body respectively). The test results may help us assess the suitability of adopting the eco-shoreline concept locally and devise the design and maintenance standards as appropriate for such eco-shorelines.



東涌新市鎮擴展工程 The Tung Chung New Town Extension project



紅樹林生態海岸線 Managan For shorters



岩石生態海岸部 Rody Eco-shareline

東浦新市鎮擴展工程是首個工券工程已引入生態, 海岸線設計,包括紅樹林生態及岩石生態海岸線, 加入模仿自沒滿間帶的設計,以提供一個較合適的 環境給海洋物種生長,形成潮汐生態系統。在本 工程採用生態海岸線之前,將於東浦進行實施生態 海岸線的實地試驗。

The Tung Chung New Town Extension project is the first public works project adopting ecc-shoreline, which mangrove and nocky ecc-shorelines would be provided. The ecc-shoreline would mimic the physical properties of natural inter-tidal shoreline, in order to provide habitat for colonisation of marine species, forming a tidal ecc-system. A site trial of implementing ecc-shoreline in Tung Chung will be conducted before adopting ecc-shoreline in this project.



我們的挑戰 **Our Challenges**

房屋土地需求與日俱增

Increasing Demand for Housing Land

「貴一、「細一、「擠」的生活環境近年困擾香港。在未來二十多年,全港人口和 家庭住戶數目仍會持續上升,我們需要解決住屋土地短缺問題。

The pricy, tiny and cramped living predicaments have been a pressing issue in Hong Kong. In the coming decades, the population and number of households are on the rising trend. We need to resolve the shortage of land for homes.









優質生活環境

Quality Living Environn

除了居住面積,我們亦需要一個更好的居住環境,包括更多的休憩用地和社區 設施。

Apart from the living space, we need a better living environment, including more open space and supporting community facilities.



優質環境助安老

Decent Living Environment for Ageing Population

香港人口日趨老化,我們需要為長者提供宜居的社會環境。

With an increasingly ageing local population, we need to secure a liveable community for our elders.









解決市區重建的土地需求

香港人口稠密、現有大量樓宇迅速老化、市區重建將提供大好機遇改善生活 環境。但我們必先提供足夠土地安置受市區重建影響的居民。

Hong Kong is densely populated, with a rapidly ageing building stock in large quantity. It is opportune to improve the living environment through urban renewal. As a pre-requisite, we need to provide sufficient land to accommodate the affected residents due to urban renewal

配合環境經濟競爭所需

Demand under Global Economic Competition

土地供應短缺持續推升商業用地的租金水平,損害香港在區域/全球經濟的 競爭力。我們需要建設新的核心商業區及擴大基建容量、提供良好的區域連接 和功能連繫,以鞏固及提升香港的國際經濟樞紐地位。

Shortage of land supply continuously pushes up the rental level of commercial space and undermines Hong Kong's competitiveness in the regional and global economy. We need to establish a new commercial core and expand the capacity of our infrastructure for sound regional and functional connections, with a view to reinforcing and enhancing Hong Kong's role as an international economic hub,



Hong Kong Monthly Digest of Statistics, Feature Article: Hong Kong Domestic Household Projections 2017-2066, Census and Statistics Department Hong Kong Monthly Digest of Statistics, Feature Article: Hong Kong Domestic Household Projections up to 2015; October 2017, Census and Statistics Department Information of Tasis Force on Land Supply, with sources from C&SD; South Chilam Morning Putch Stenders Cosmon Delly, Sylvering Strategy and Statistics Strategy and Statistics (Section 2015).

《香港人口推算2017-2066》,政府統計處 《香港統計月刊》,專題文章《至2051年的家庭住戶推算》,2017年10月,政府統計處 土地供應專責小組資料,結合政府統計處、《南華平線》、《宋渊南線》,日本房產網及影話組結論科

明日大嶼願景 **Lantau Tomorrow Vision**



比擬的策略性地利,並有完善的航空、道路和鐵路運輸交通網絡, 向外連接到大灣區其他城市及世界各地,對內連繫位於中環的現有核心 商業區。在大嶼山附近區域新增土地應付住屋和經濟需求,有助達致 更均衡的人口和就業空間布局。因應大嶼山發展而建造的策略性交通 之間的連繫。

為把握大嶼山的策略性優勢和機遇,行政長官在2018年施政報告中 公布明日大嶼願景,以期為香港未來的可持續發展奠定穩固基礎。

我們會透過以下五項政策方針,實現這個跨越未來二、三十年的願景。

土地是解決香港重重挑戰的重要一環。地理位置上,大嶼山具備無可 Land is the essential building block for the challenges faced by Hong Kong. In the spatial context of Hong Kong, Lantau commands an un-paralleled strategic location with a comprehensive air, road and rail transport network connected externally to other cities in the Greater Bay Area and the World as well as internally to the well-established core business area at Central. Creation of land for meeting housing and economic needs in this area would also allow a more balanced spatial distribution of population 更均衡的人口和就業空間布局。因應大嶼山發展而建造的策略性交通 and jobs. The strategic transport facilities in support of the Lantau development could 設施,亦有助舒緩新界西北現時的交通壓力,以及加強市區與新界。also help relieve the existing transport capacity constraint in Northwest New Territories as well as enhance connections between urban areas and the New Territories.

> To harness the strategic advantages and opportunities of Lantau, the Chief Executive announced in her Policy Address 2018 the Lantau Tomorrow Vision with a view to building a solid foundation for a sustainable future for Hong Kong.

> We will realise this vision in the coming 20 to 30 years through the following five policy directions.

宜居城市 Liveable City



運輸基建先行

According priority to transport infrastructure



Economic Powerhouse



休閒娛樂好去處

Leisure and Entertainment Destination

可持續發展和保育

Sustainability and Conservation



概念發展及策略性運輸計劃

Conceptual Development and Strategic Transport Plan



運輸基建先行 According priority to transport infrastructure





交通運輸是城市發展的命脈所在。完善的運輸網絡是支撐香港 發展及配合市民生活所需的重要一環。

明日大嶼顯景的其中一脈發展主軸是應輸基建先行。透過提供 新的應輸走腳。我們翼拉近赤蠟魚機場與香港島的距離。從而鞏固 大嶼山連接世及大灣區其他城市的角色。帶級北走廊的土地發展 潛力,包括中部水域人工島。龍鼓灘近岸填海土地及时門沿岸地區 繁忙時段的擠遍情況。大大改善新界西北的交通運輸系統和提升 香港整體交通網絡的彈往及抗禦力。 Transport is the backbone of development. Good transport connections are essential to support Hong Kong's growth and citizens' needs. One of the key development axles of the Lantau Tomorrow Vision is to accord priority to transport infrastructure development. Through new transport corridor, we aim to shorten the travelling distance between the Chek Lap Kok airport and Hong Kong Island, thereby strengthening the role of Latata as a gateway to the world and other cities in the Greater Bay Area and also releasing the development potential of the land along two corridor, including artificial Islands in the Central Waters, reclaimed land at Lung Kwu Tan, as well as coassal areas of time Min (including Pref Trade Terminal). Besides, the corridor with help relieve the congestion at the West Rail and time Mun Road during peak hours, and significantly improve the transport system in the North West New Territories as well as enhance the flexibility and resilience of the entire transport network of Hong Kong.





賞透過以下發展達致我們的目標: We target to achieve the objective through:

研究興建一條新的主要運輸走廊、以道路和鐵路連接屯門沿海地帶、北大嶼山、中部水域人工 島和退島北的傳統商業中心、並會推展一條與北大嶼山公路並行的高速公路和讓建龍門路 Studying the construction of a new major transport corridor with roads and railways to link you coastal areas of Tuen Mun, North Lantau, the artificial islands in the Central Waters and the traditional business centre in Hong Kong Island North, and take forward works for a highway parallel to the North Lantau Highway and the Lung Mun Road improvement



研究其他道路/鐵路的連接·以支援在大嶼山推展的長遠計劃 Exploring the need of other possible road/rall links to support development initiatives on Lantau in the long term



發展機場城市及 第三個核心商業區



Economic Powerhouse

大嶼山為香港經濟帶來新機遇。我們的目標是要締造有利的營商環境,以支持 香港的四大支柱和新興行業發展、從而為香港市民、特別是年青一代、提供 多元化的事業發展機會。

Lantau brings new opportunities to Hong Kong's economy. We target to create a business-friendly environment favourable to the growth of Hong Kong's four pillar industries and emerging industries. This in turn will offer diversified opportunities for Hong Kong people, in particular new generations, to pursue their career.

董誘渦以下發展達到我們的目標:

We target to achieve the objective through:

Boundary Crossing Facilities Island



透過機場的三跑道系統、位於南貨運區的高增值物流中心、航天城發展項目和亞洲國際博覽館未來發展以及香港口岸人工島上蓋發展項目, 大嶼山將會成為連接粵港澳大灣區以至全世界的機場城市,可進一步鞏固及提升香港的國際商業中心及交通樞紐地位 Creating at Lantau an Aerotropolis connecting the Greater Bay Area and the world, thereby strengthening and enhancing Hong Kong's position as an international business centre and transport hub, through the Three-Runway System, high value-added logistics centre at the South Cargo Precinct, the SKYCITY project and the future plan for the AsiaWorld-Expo at the Airport Island as well as the proposed Topside Development at the Hong Kong





在交椅洲附近水域興建人工島,發展繼中區及九龍東後的第三個核心商業區,估計可提供約400 萬平方米商業/寫字樓的樓面總面積,可創造約20萬個就業職位 Constructing Kau Yi Chau Artificial Islands to create in addition to Central and Kowloon East the third Core

Business District (CBD3), with estimated creation of about 4 million sqm of commercial / office gross floor area and create about 200 000 jobs

加快東涌新市鎮擴展計劃的發展步伐,提供逾80萬平方米的商業樓面總面積,以作區域辦公室樞 紐、零售和酒店發展用途,當中可創造約4萬個就業職位

Pressing ahead with the implementation of Tung Chung New Town Extension, providing over 800 000 sqm of commercial gross floor area for regional office hub, retail and hotel development, and creating about 40 000 jobs



增加土地供應 建立近零碳排放的 宜居地區





Liveable City _____

面對房屋需求和市民對改善生活領美的即單。我們計畫數快開展中部水域人工島的 相關研究,研究會緊係發展鄰近交椅溯約1000公項的人工島。我們爭取於2025年開展 首階段的環境工程;並於2022年入伙首批單位。至於餘下鄰近喜靈洲的人工島,我們 會在上述研究中收集一些基本技術數據,作日後長遠規劃的參考。

In response to the housing needs and the public aspirations for better living quality, we plan to commence the studies related to the artificial islands in the Central Waters, which will focus on the artificial islands of about 1000 hectares near Rau Y (Totau. Our work target is to commence the first phase of the redamation works in 2025, with the first batch of residential units ready for intake in 2032. As for the remaining artificial islands near hel Ling Chau, we will collect basis technical data in the above studies for future reference in long-term planning.

在中部水域興建人工島將有助滿足香港居民長遠房屋、社會、經濟及就業需要。

The proposed artificial islands in the Central Waters will help meet the housing, social, economic and employment needs of Hong Kong people in the long run.



透過在中部水域填海,我們為香港市民 締造一個可持續及優質的居住和工作環境, 其目標是:

Through reclamation in the Central Waters, we will create a quality and sustainable living and working environment for Hong Kong people with the following targets:

1

首先聚焦交椅洲附近水域人工島,建造約15至26萬個住宅單位

First focus on Kau Yi Chau Artificial Islands, which can accommodate about 150 000 to 260 000 housing units

2

七成單位為公營房屋 70% of units as public housing

3

研究透過更廣泛地採用再生能源、高能源效益設計和科技、環保交通運輸、提高綠化比率,以及更先進的回收及廢物管理等措施,冀能向可持續的零碳排放社區的長遠願景邁進

Explore measures, such as wider use of renewable energy, energy efficient design and technologies, green transport, higher greening ratio, more advanced recycling and waste management measures, to progress towards the vision of sustainable carbon-neutral community





推行智慧、環保及具抗禦力的措施 Adopt smart, green and resilient measures



增加休閒、娛樂設施

Leisure and Entertainment Destination



大嶼山擁有豐富的藍綠自然資源,在妥善保護環境的前提下,具有成為休閒 和姆樂好去處的發展潛力。

Lantau has a wealth of green and blue natural resources. Given proper measures for environmental protection, it has the potential of developing into a leisure and entertainment destination of choice.

為提供多元化休閒體驗,以及推廣健康生活模式,我們會:

In order to provide diverse leisure experience and promote healthy living, we will :





1

發展於澳為休雨和線練輻鈕,成為全年皆宜的度假目的她,舉辦超大型 活動和國際或本地競賽艦事,與大嶼山現有景點形成協同效應 Develop Sumny Bay into a Leisure and Entertainment Node for a year-round vacation destination, where mega-scale activities as well as international or local major competition events will be held, leveraging on the synergy effect of the existing attractions on Lantau

2

制訂及分階段落實全面的大嶼山遠足徑和康樂設施計劃,發展遠足徑網絡, 連結文物,生態和康樂熱點,提供多元化休閒體驗,推動健康生活,以及發展 生態旅遊

Formulate and implement in phases a comprehensive Lantau Trails and Recreation Plan for the development of a hiking trail network connecting heritage, ecological and recreational hotspots, provision of diverse leisure experience, and promotion of healthy living as well as the development of eco-tourism









研究擴展或連接大嶼山單車徑和越野軍車徑網絡,實現可持續旅遊,及 實踐綠色生活

Investigate expansion or connection of the cycle tracks and mountain bike trail network on Lantau to achieve sustainable tourism and foster green living



提升環境實力, 達致可持續發展 Sustainability and Conservation

加強環境管制 Strengthen environmental control



大嶼山擁有豐富的自然和文化歷史資源,我們會堅定秉承 [北發展、南保育]的 規劃原則,實徹 [先保育、後發展]的方針,推展基建及發展項目的同時致力 保護大嶼山的鄉郊環境。

Lantau possesses rich natural and cultural heritage resources. We will uphold firmly the planning principle of "Development in the North, Conservation for the South" and the direction of "Conservation to precede Development" to protect the rural environment of Lantau whilst carrying out infrastructure and development projects.





我們將會: We will:

1

成立10億元的大嶼山保育基金,在大嶼山郊區推動及落實保育工作,以及在一些偏遠鄉村和社區進行民生改善工程 Set up a \$1 billion Lantau Conservation Fund to promote and implement

Set up a \$1 billion Lantau Conservation Fund to promote and implement conservation of rural Lantau, and to pursue livelihood improvement works in remote villages and communities



2

檢討相關法例及釐訂更有效描施管制於大嶼山的高生態價值地區進行填土、 傾倒廢稅及相關被壞環境的發展活動,以加強保護這些優美的自然環境 Review the legistation concerned and map out more effective means to control landfilling, dumping of wastes and associated development activities causing environmental damage to areas of high ecological values at Lantau, with a view to enhancing protection of the natural beauty of these areas





3

研究採取切實可行的措施,彌補因大型發展項目而損失的生態環境 Explore practical means to compensate for the habitat loss as a result of large-scale development projects

