

海洋環境管理跨部門工作小組：公眾參與會
Inter-departmental Working Group on
Marine Environmental Management：
Engagement Session with Community Groups

保持海岸清潔的策略及行動
Strategies & Actions on
Keeping the Shorelines Clean

2018年9月20日
20 SEPTEMBER 2018

海洋環境管理跨部門工作小組

Inter-departmental Working Group on Marine Environmental Management

- 於2018年改組，前身為2012年成立的海岸清潔跨部門工作小組
Revamped in 2018; formerly the Inter-departmental Working Group on Clean Shorelines set up in 2012
- 由環境局常任秘書長出任主席 Chaired by Permanent Secretary for the Environment
- 兩個專責小組 Two dedicated task forces



海岸清潔策略 Clean Shorelines Strategy



加強宣傳教育
Enhance publicity
and education

提供支援和設施
Provide support
and facilities

加強巡邏和執法
Step up patrol
and enforcement



從源頭減少
廢物產生

Reduce waste
generation
at source

避免垃圾進入海洋

Avoid refuse
entering the marine
environment



加強清理行動
Enhance
cleanup activities

清理海洋
環境的垃圾

Remove refuse
from the marine
environment



- 跨部門合作
Inter-departmental coordination
- 跨境合作
Cross boundary collaboration

清理海洋環境中的垃圾

Remove refuse from the marine environment

海岸線清理工作 Cleaning up the Shorelines (1,189km)

- 全港300多個海岸地點因海上垃圾問題備受關注
>300 coastal sites attract attention for refuse problems
- 定時清理**334**個地點 (包括刊憲泳灘、海岸公園)
334 sites (including gazetted beaches, marine parks) under a regular cleaning schedule



清理海洋環境中的垃圾

Remove refuse from the marine environment

海岸線清理工作 Cleaning up the Shorelines (1,189km)

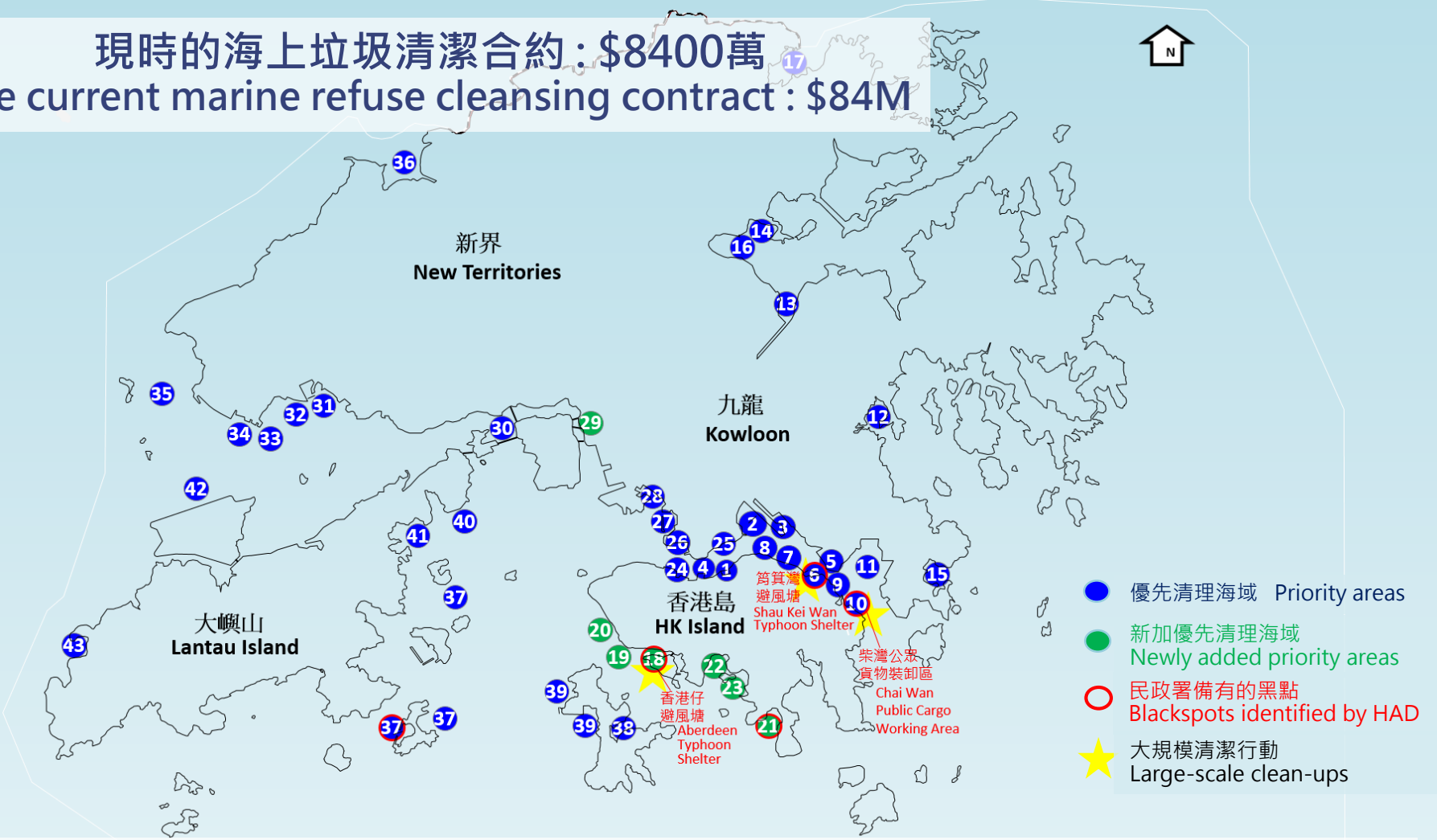
- 各部門加強清理工作，其中食環署的清潔次數由約6,200次(2016年)增加至約**10,000次**(2017年)**(↑60%)**
- Enhanced cleaning efforts, FEHD's cleaning frequency increased from 6,200 (2016) to **10,000** (2017) **(↑60%)**



- **273** 次到29個優先處理地點進行實地監測 (2017年11月至2018年8月)
273 regular inspections conducted on 29 priority sites (Nov 2017 – Aug 2018)

海面清理工作 Cleaning up the Sea Surface (1,650 km²)

現時的海上垃圾清潔合約：\$8400萬
The current marine refuse cleansing contract : \$84M



每日巡邏和優先清理的海域增加至 43 (↑20%)

Priority areas for daily patrol and clean-up increased to 43 (↑20%)

海事處調派的海面清理船隻由去年的70 艘增加至現在約 80 艘 (↑14%) From 70 (last year) to about 80 vessels currently deployed by MD for cleaning up the sea surface (↑14%)



一般機動木艇 - 43艘
43 ordinary motor sampans



裝有垃圾鐵籠機械裝置的雙體船 - 1 艘
1 Catamaran equipped with hydraulic refuse cage



快速工作艇 - 6艘
6 fast response boats



裝有機動鏟斗的垃圾清潔船隻 - 4艘
4 vessels fitted with motor scooper



海潔級 - 3艘
3 Sea Cleaner Class vessels



玻璃纖維自動鏟艇 - 1艘
1 fibreglass automatic scooper boat



垃圾載送帶船 - 1艘
1 vessel fitted with conveyor belt



近岸清潔隊 - 3隊
3 foreshore cleansing teams

開放式舢舨 - 5艘
5 open sampans



裝有垃圾網的機動木艇 - 4艘
4 motor sampans with net



海上垃圾收集船 - 13艘
13 marine refuse reception vessels

石澳垃圾灣 Lap Sap Wan, Shek O

- 2018年年度徹底清理行動預計於9月底完成
Annual comprehensive cleanup operation expected to be completed in end September 2018
- 將於10月開展顧問研究，研究通往垃圾灣進行清理工作的方案
A consultancy study to identify access options for removal of marine refuse will commence in October
- 探討短期方案
Interim measures are being explored



2018年1月 January 2018



6月29日：清理進行中
29 June : Cleanup in progress



清理紅樹林

Clearing actions in Mangroves

- 清理行動需顧及紅樹林的特殊生境
Clearing actions need to consider the features of mangrove habitat
- 漁護署就清理紅樹林內的垃圾制訂指引
AFCD has developed guidelines on clearing refuse in mangroves
- 以大嶼山水口紅樹林為試點
A trial at Shui Hau, Lantau



Agriculture, Fisheries and Conservation Department
Conservation Branch

Nature Conservation Practice Note

No. 06

Ref: AF GR CON 21/2

Guidelines on Clearing Refuse in Mangroves

1. Purpose

1.1 The purpose of this practice note is to provide technical guidance to relevant government departments when deploying in-house staff or outsourced contractors in clearing refuse trapped in mangroves.

2. Background

2.1 Marine refuse has long been a concern among the public as it adversely affects the marine environment and when washed ashore also impacts on the coastal surroundings. Collective effort among government departments¹ has been ongoing to remove the marine/coastal refuse as much as possible. However, difficulties in effectively clearing marine/coastal refuse are sometimes encountered, especially in situations where refuse washed ashore get entangled with coastal vegetation or trapped among densely vegetated locations. While removal or trimming of the vegetation concerned provides the most direct way to help clear the trapped refuse, in areas where coastal habitats of conservation importance such as mangroves are involved, potential damage to the important coastal habitats should be duly considered before carrying out the clearing operation.

2.2 Refuse that get entangled with or trapped inside mangroves, if left unattended and accumulates, may impede the growth or even result in the death of individual mangrove trees. It may in turn adversely affect the wildlife that relies on the mangrove habitats for home, reproduction, food and shelter. As such, it would be important to facilitate departments in the clearing of refuse trapped in such habitats by providing some guidance on how to minimise the impact during the clearing operations.

3. The Mangroves in Hong Kong

3.1 Mangroves are salt-tolerant plants that occur in sheltered intertidal areas that receive regular freshwater input from streams and rivers. They possess extensive root systems that allow the plants to secure their stability in the relatively mobile muddy substrate in the estuarine environment.

¹ Collection of marine/coastal refuse is mainly undertaken by four government departments: gazetted beaches by the Leisure and Cultural Services Department (LCSD), country parks, special areas, marine parks and marine reserves by the Agriculture, Fisheries and Conservation Department (AFCD), unallocated coastal areas by the Food and Environmental Hygiene Department (FEHD) and coastal water/open water/dyphoon shelters by the Marine Department.

堆積在近岸樹林後的垃圾 Refuse at Back of Beaches

完成
試行清理
conducted
pilot cleanup

完成清理
cleanup
completed

沙洲及龍鼓洲
Sha Chau & Lung Kwu Chau

南丫島索罟灣
Sok Kwu Wan of Lamma

大嶼山拾壆灣
Shap Long, Lantau

大嶼山分流東灣
Fan Lau Tung Wan, Lantau



清理前 before



清理後 After



研究在具考古研究價值的北角咀石灘可採取的行動
Consider actions for a pebble beach within the
Pak Kok Tsui Site of Archaeological Interest



南丫島北角咀石灘
A pebble beach at
Pak Kok Tsui, Lamma

南丫島深灣沙灘 Sham Wan Beach, Lamma



- 定期清理 (於5至10月期間每週1次，11月至4月期間則為每月3次)
Regular cleansing (weekly during May to October, 3 times monthly during November to April)



漁護署
AFCD

- 2017年調查棄置漁網的分佈
Surveyed the distribution of ghost nets in 2017
- 清除了約1公噸的棄置漁網及海底垃圾
Cleared 1 tonne of ghost nets and seabed refuse
- 於2018年6月，裝設攝影系統監察海灘的情況
Installed CCTV in June 2018 to monitor the beach
- 於雨季及颱風期間協助食環署加強清理
Assisted FEHD in enhanced cleansing in typhoon and wet season



海事處
MD

- 定期清理附近海面上的垃圾
Regularly clean up floating refuse at nearby waters

颱風天鴿和帕卡正面吹襲後的清理行動
Cleanup after typhoons Hato and Pakhar
28/9/2017



14/5/2018



棄置漁網 Ghost Nets

- 2018年6月16日為資深潛水員舉辦「潛水安全及清理棄置漁網工作坊」
Workshop on ghost net clean-up and safety for experienced divers organised on 16 June 2018
- 2018年6月23日在西貢沙塘口山進行海底清潔活動
Underwater clean-up at Bluff Island organised on 23 June 2018
- 將於2018年9月29日在橋咀洲舉辦（國際海岸清潔日）海岸清潔活動
Coastal clean-up at Sharp Island to be organised on 29 September 2018 for International Coastal Clean-up Day



海上垃圾通報警示機制

Notification & Alert Mechanism on Marine Refuse

GD-HK Cross Boundary
Notification Mechanism
跨境海漂垃圾事件通報機制

Protocol for Handling Surge
of Marine Refuse in HK
部門就海漂垃圾的通報機制



廣東省環保廳
GDEPB

通報
Notify

跟進
Follow up



環保署
EPD

預測
Forecast

通報
Notify

監控
Monitor

匯報
Report



海事處
MD

食環署
FEHD

康文署
LCSD

漁護署
AFCD

預備
Prepare

攔截
Intercept

清理
Clean up

粵港海洋環境管理專題小組

Hong Kong-Guangdong Marine Environmental Management Special Panel

2016

十月
Oct

成立粵港海洋環境管理專題小組，並召開工作小組會議
HK-GD Marine Environmental Management Special Panel set up and a working group meeting held



2017

四月
Apr

首次粵港海洋環境管理專題小組會議
1st Special Panel meeting held

五月
May

訂立並試行「海上垃圾通報警示系統」以及相關機制
The notification and alert trial system and the relevant notification mechanism launched



2018

七月
Jul

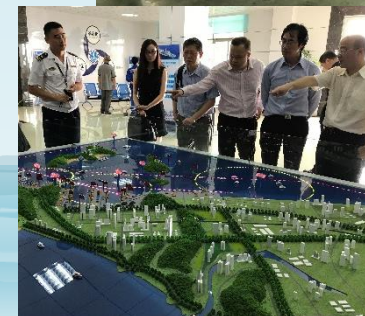
第二次粵港海洋環境管理專題小組會議暨技術交流會及考察
2nd Special Panel meeting cum technical exchange seminar and site visit held

計劃檢討現試行的「通報警示系統」與相關機制
Plan to review the notification and alert trial system and the relevant notification mechanism



八月
Aug

考察廣東省海上搜救中心及珠海高欄防污基地
Visit to the Guangdong Provincial Maritime Search and Rescue Center and anti-pollution base in Gaolan Port, Zhuhai



避免垃圾進入海洋

Avoid refuse entering the marine environment



回收桶和飲水機
Recycling bins and drinking fountains

在海灘及雨水渠 At Beaches and Storm Drains

遙距監察 Remote monitoring



浮欄
Floating booms

在避風塘及魚類批發市場 At Typhoon Shelters and Fish Wholesale Markets



生活垃圾收集服務
Domestic refuse
collection service



源頭減廢
Waste control at
source



日常清潔措施
Routine cleaning
measures



執法巡邏
Enforcement and
management

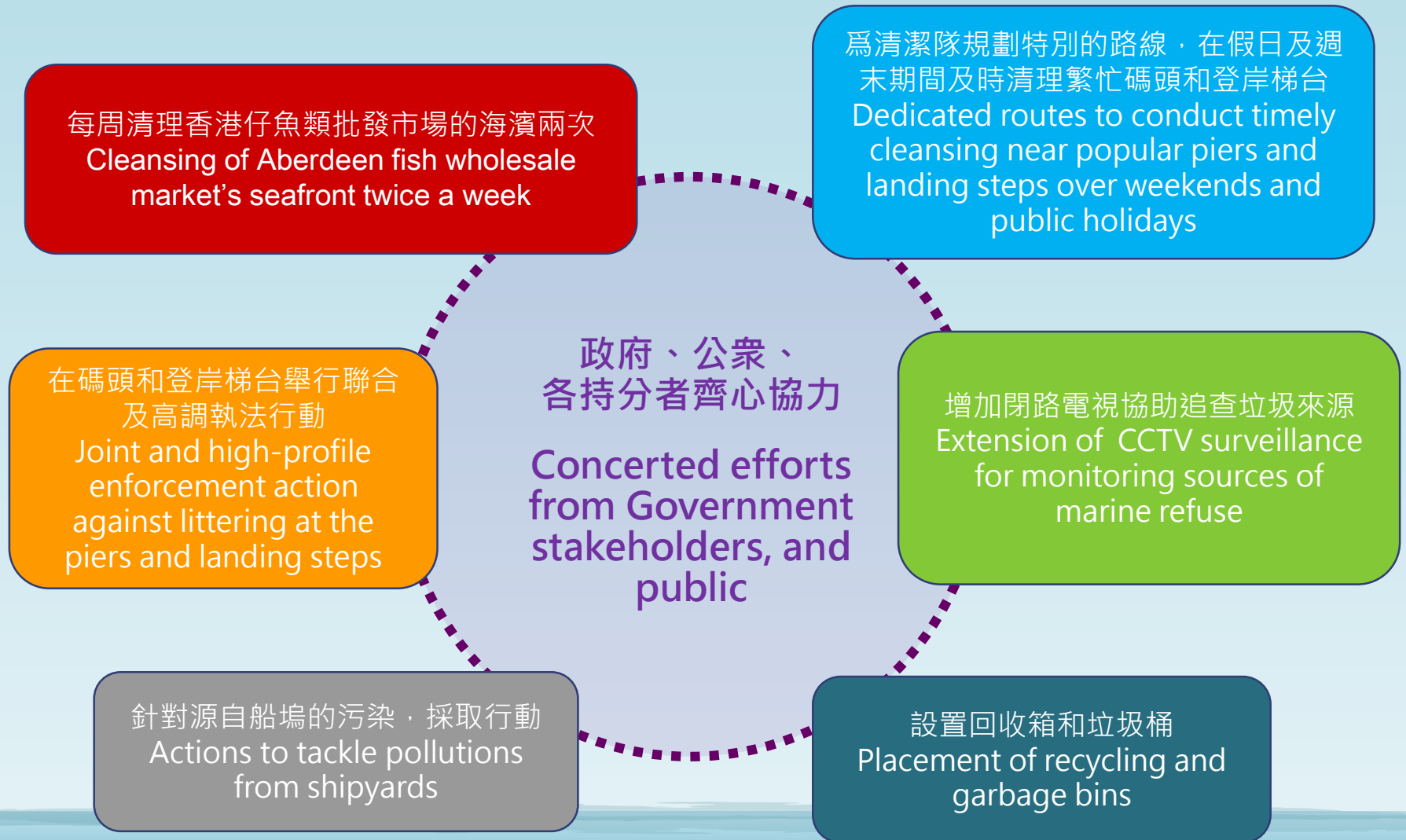


閉路電視監察 CCTV monitoring



針對香港仔避風塘的額外措施

Further Measures at Aberdeen Typhoon Shelter



宣傳及推廣 Publicity and Promotion

- 每月海岸清潔日活動 - 與不同社區夥伴合辦
Monthly shorelines cleanup days (→ twice per month starting December 2018)
co-organized with community groups
- 年度盛事 Annual events :
世界環境日 World Environment Day
國際海岸清潔日 International Coastal Cleanup Day



海岸清潔 Clean Shorelines
@cleanshorelines

- 主頁
- 帖子
- 評論
- 相片
- 關於
- 社群
- 資訊和廣告

建立專頁



「海岸清潔」Facebook 專頁
Clean Shorelines Facebook Page



讚好 分享 編輯選單

傳送訊息

帖子



海岸清潔 Clean Shorelines

8月30日下午6:28 · 已

【邀請「環保教育和社區參與項目」(2018/19第二輪)資助申請】
「環境及自然保育基金」委員會現邀請本港非牟利機構就「海岸清潔」主題提交「環保教育和社區參與項目」的資助申請，申請日期由2018年8月31日開始，至2018年10月29日截止。

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「海岸清潔」專用電郵
Dedicated Email Account
clean_shorelines@epd.gov.hk



重點消息

海岸清潔日宣揚保持海岸清潔信息
Shorelines Cleanup Day promotes keeping our shorelines clean



活動日誌

August 八月						
M	T	W	T	F	S	S
29	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

優先處理海上
垃圾地點名單
MARINE REFUSE
PRIORITY SITES LIST

新聞公報
PRESS RELEASES



「海岸清潔」電話熱線
Clean Shorelines Hotline
2838 3111

「海岸清潔」專題網站
Clean Shorelines Dedicated Website
https://www.epd.gov.hk/epd/clean_shorelines

環保署海岸清潔日的成果

EPD Shorelines Cleanup Day Achievement

- 以屯門龍鼓灘為例
Lung Kwu Tan of Tuen Mun as an example

義工們的成果
Achievement of
volunteers

107 公斤 kg

政府每次清理行動的
平均海上垃圾收集量
Average amount of marine
refuse collected by Govt in
each cleansing operation

260 公斤 kg



支援社區團體舉辦的活動 Support to Events of Community Groups

相片影集 - 2018



2018年8月25日
香港國際建設投資管理集團有限公司烏溪沙海岸清潔活動



2018年8月12日
環保購覽『即棄』器具齊SAY NO - 少用『即棄』產品達至減廢- 東涌灣清潔郊野除『即棄』行動



2018年8月6日
上山下海執垃圾西貢綠蛋島海岸清潔活動



2018年8月4日
The First Penguins 南丫索西灣海岸清潔活動



2018年7月22日
上山下海執垃圾西貢白沙洲海岸清潔活動



2018年7月21日
港九勞工社團聯會大嶼山大澳貴珠灣海岸清潔日



2018年6月30日
艾奕康有限公司石澳後灘清潔活動



2018年6月18日
「青山友之行」群組二澳海岸清潔日



2018年6月16日
嘉科工程青龍灣沙灘清潔活動



2018年6月11日
「上山下海執垃圾」群組白沙洲海岸清潔日



2018年6月3日
「上山下海執垃圾」群組西貢濱西洲海岸清潔日



2018年6月2日
澳大利亞國民銀行石排灣海岸清潔活動



2018年5月28日
澳大利亞國民銀行水口海岸清潔活動



2018年5月28日
「上山下海執垃圾」群組西貢枕頭洲海岸清潔日



2018年5月26日
「上山下海執垃圾」群組蛋家灣海岸清潔日



2018年5月12日
港鐵龍鼓灘清潔日

公眾參與會 Engagement Sessions



參與社區團體舉辦的活動 Participation in Events of Community Groups



公眾論壇
Public Forum



海岸清潔運動揭幕禮
Coastal Cleanup Kick-off Ceremony



海岸清潔活動
Cleanup activities

參與區域活動 Participation in Regional Events



研討會
Workshop

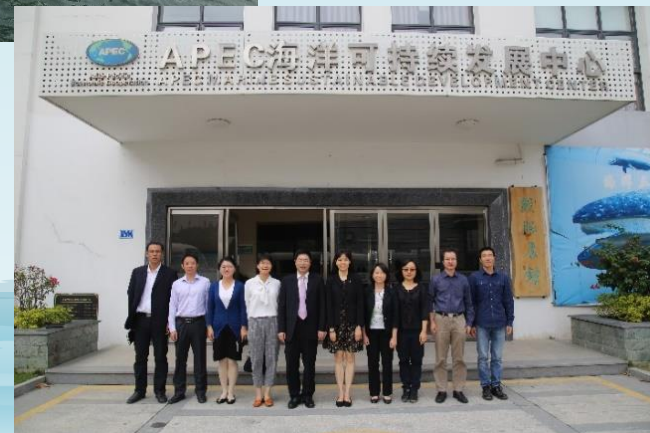


亞太經濟合作組織能力提升活動
APEC Capacity Building Event



實地考察
Site Visit

Capacity Building for Marine Debris Prevention and Management in the APEC Region Phase II
Ocean and Fisheries Working Group (OFWG)





環境及自然保育基金：清潔海岸項目

Environment and Conservation Fund : Clean shorelines projects

為清潔海岸的項目預留每年\$1000萬港元的資助
Reserved HK\$10 million each year for
clean shorelines projects

教育及宣傳 Education and publicity

調查及研究 Surveys and studies

創新意念及先導計劃 Innovative ideas and pilot schemes

已批出了12個項目，涉及總額約1,200萬港元 - 資助項目包括海灘和海底清潔活動、生態遊暨清潔活動、大使培訓、戲劇、工作坊等

12 projects approved, HK\$12 million in total - funded projects include beach and underwater cleanup activities, eco-tour cum cleanups, ambassador training, drama, workshop, etc.



環境及自然保育基金：清潔海岸項目

Environment and Conservation Fund : Clean shorelines projects

2018/19年的第二輪資助

申請日期：2018年8月31日至10月29日

The second round of application in 2018/19 is from 31 August to 29 October 2018

網站 website <http://eeca.ecc.org.hk>



源頭減廢 Waste reduction at source

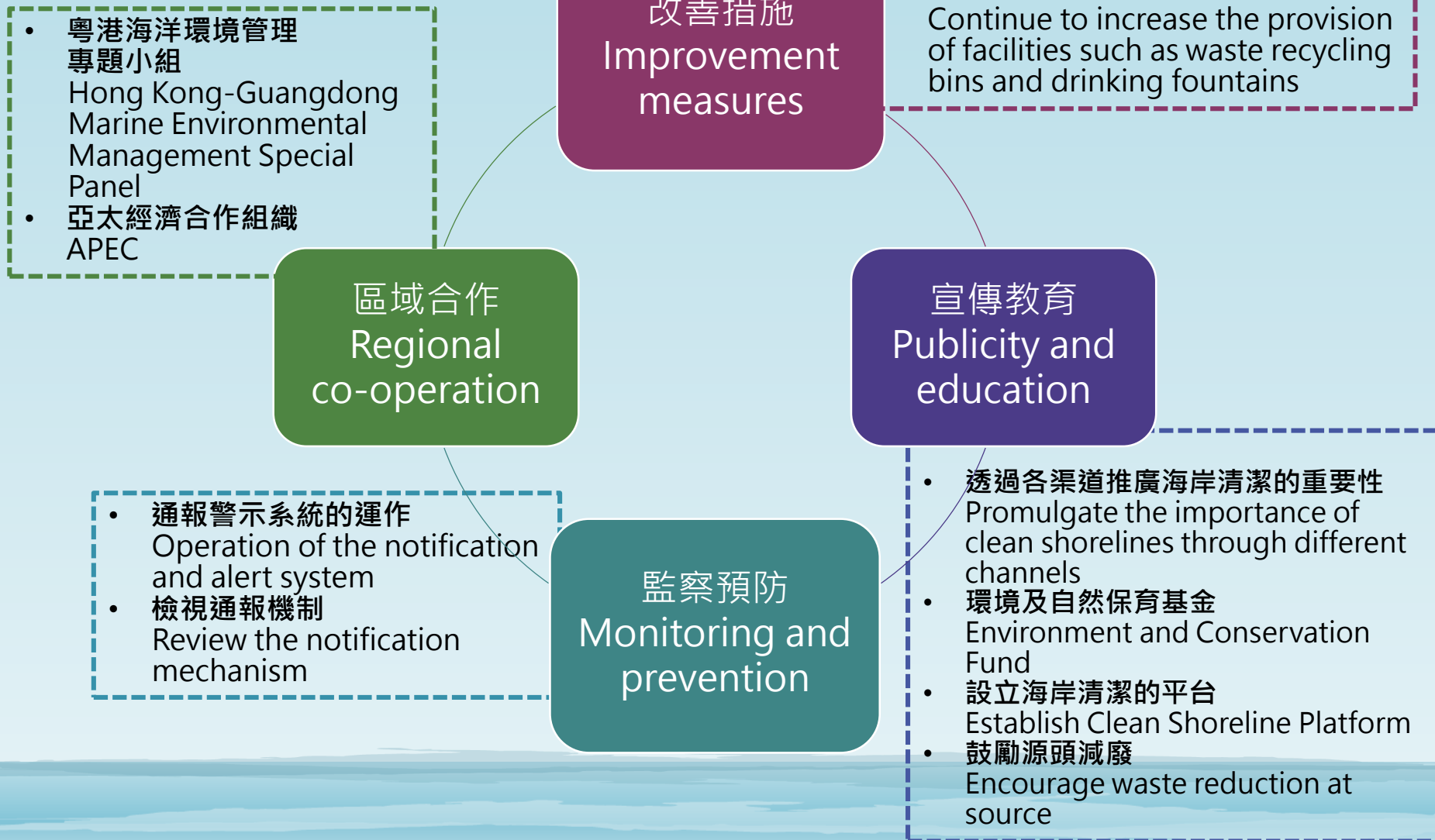
「走塑沙灘 餐具先行」運動：
共有51個食店及小食亭參與
51 stores participates in
“Plastic Free Beach
Tableware First”



正考慮引入塑膠飲料容器
生產者責任計劃
Considering the Producer
Responsibility Schemes on
plastic product containers

政府場地停止出售塑膠樽裝
水及增設公眾飲水機
Stop selling plastic
bottled water, and
increasing the number of
drinking fountains at
government venues

未來路向 Way forward





**我們期待與您攜手
保持海岸清潔!**

**We together can keep the
shorelines clean!**

A scenic view of a rocky coastline. In the foreground, there are large, light-colored rocks scattered across the shore. The water is a deep blue, and the sky is a clear, bright blue with a few white clouds. On the left, a rocky hillside covered in green vegetation rises from the water's edge. The overall scene is peaceful and natural.

謝謝 Thank you!