

海岸清潔跨部門工作小組
Inter-departmental Working Group on Clean Shorelines

公眾參與會
Engagement Session with
Community Groups

2017年10月24日
24 October 2017

海岸清潔跨部門工作小組

Inter-departmental Working Group on Clean Shorelines

- 自2012年11月成立 Set up since November 2012
- 由環境局統籌 Coordinated by Environment Bureau

成員	Membership
漁農自然護理署	Agriculture, Fisheries and Conservation Department
土木工程拓展署	Civil Engineering and Development Department
渠務署	Drainage Services Department
環境保護署	Environmental Protection Department
食物環境衛生署	Food and Environmental Hygiene Department
地政總署	Lands Department
康樂及文化事務署	Leisure and Cultural Services Department
海事處	Marine Department

主要工作 Main duties

研究海上垃圾的來源

To identify the sources of marine refuse

檢視現有處理海上垃圾的措施

To review existing measures to keep the shorelines clean

研究並制訂行動計劃，以防止及減少海上垃圾

To formulate and implement measures to prevent and reduce marine refuse

促進民間團體舉辦清潔活動，宣揚保持海岸清潔對環境的益處

To facilitate cleanup operations organised by community groups to help promote the environmental benefits of keeping our shorelines clean

三管齊下的策略應對海上垃圾問題 3-pronged strategy to tackle marine refuse



從源頭減少
廢物產生

Reduce overall waste
generation
at source

清理海洋
環境的垃圾

Remove refuse
from the marine
environment

減少垃圾
進入海洋

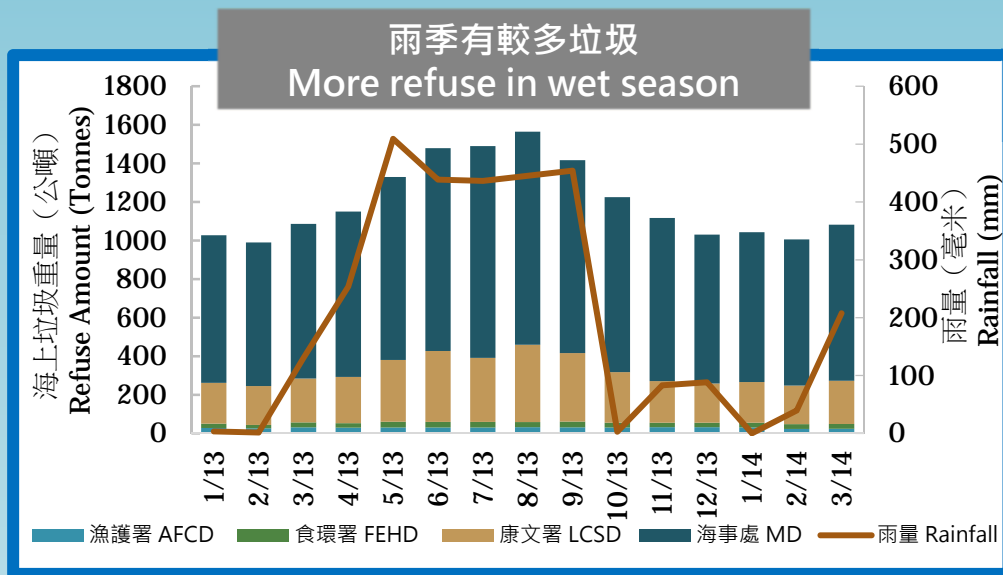
Reduce the amount of
refuse entering the
marine environment



海上垃圾的分佈 Distribution of marine refuse

受盛行風影響，垃圾多積聚在
屯門、荃灣、南區和離島區

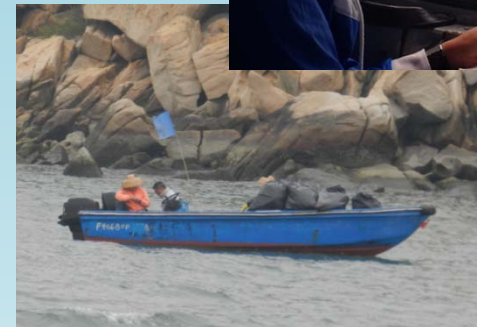
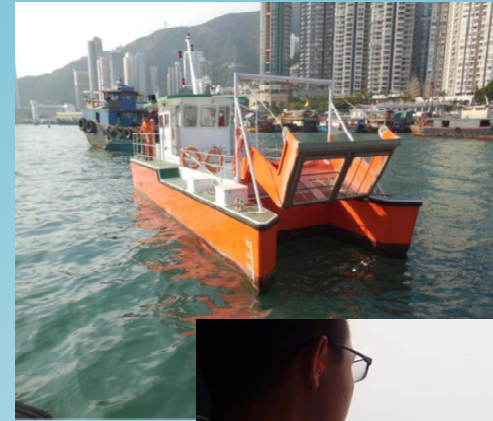
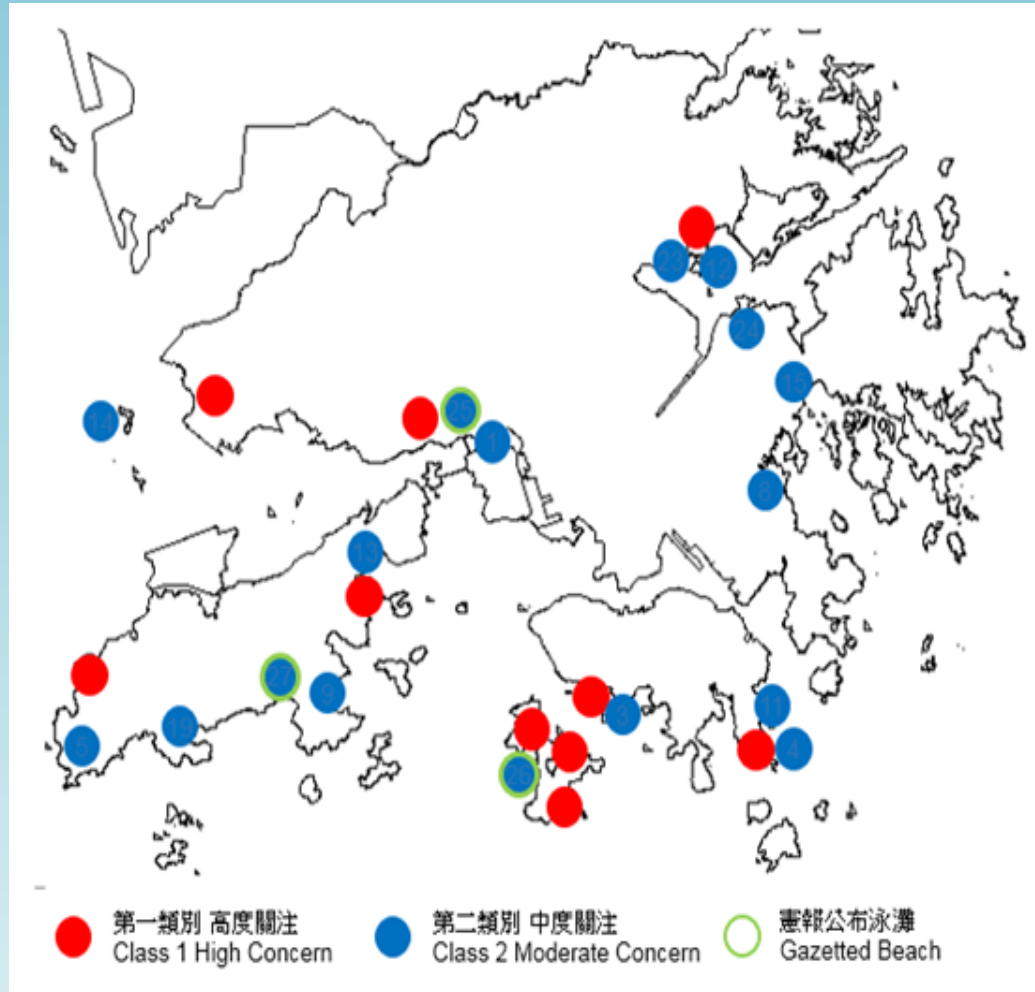
Prevailing wind has marked effect on refuse accumulation at Tuen Mun, Tsuen Wan, Southern and Islands Districts



颱風後垃圾增多
More refuse after typhoon



加強清理 Enhanced cleanup efforts



海上垃圾清理服務 Marine Refuse Cleansing Services

- 海事處以外判形式提供海上清潔服務，包括清理海上漂浮垃圾及收集船隻的生活垃圾
- MD provides marine cleansing services including scavenging floating refuse at sea and collection of domestic refuse from vessels by way of outsourcing
- 新服務合約已於今年10月1日開始，承辦商提供約80艘各類型垃圾清理船隻
- A new service contract has commenced on 1 October this year and the contractor provides about 80 various types of scavenging vessels
- 新合約增加了一隊近岸清潔隊並引入多艘新型垃圾清理船
- One additional foreshore cleansing team is provided and new type of scavenging vessels are introduced in the new contract



快速應變工作船
Quick Response Workboat



裝有垃圾鐵籠機械裝置的雙體船
Catamaran equipped with
hydraulic refuse cages

雨季應對安排 Special arrangements for wet season



當預計海上垃圾驟增

When surge of marine refuse is anticipated

- 預測較易受影響的區域
Predict areas being affected
- 統籌消息發報
Coordinate the release of information
- 支援應變行動
Support the response actions of departments



海事處
MD



食環署
FEHD



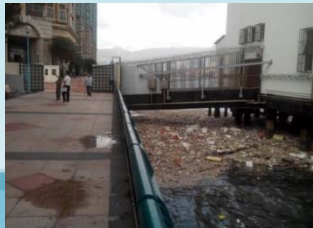
康文署
LCSD



漁護署
AFCD

- 在颱風來臨前進行預防性清理行動*
Carry out preventive cleanup before the approach of typhoon*
- 巡視可能受影響地點*
Conduct inspection at potentially affected areas*
- 在颱風及暴雨後進行清理
Conduct cleanup after typhoon and heavy rain
- 收集資料(包括垃圾收集量、行動照片等)
Collect information including refuse amount and photos

* 偏遠地區除外 except remote locations



優先處理地點的監測結果

Monitoring results of priority sites

340 site inspections during Apr 2015 – Oct 2017

2015年4月至 2017年10月共進行340次實地監測

地點 (個) No. of site (2015年4月至 2017年3月 Apr 2015 – Mar 2017)	地點 (個) No. of site (2017年4月至 2017年10月 Apr 2017 – Oct 2017)	平均清潔評分 Average cleanliness gradings	
3	1	一級良好	Grade 1: Clean
13	14	二級滿意	Grade 2: Satisfactory
8	11	三級一般	Grade 3: Fair
2	1	四級不滿意	Grade 4: Unsatisfactory
1	0	五級欠佳	Grade 5: Poor

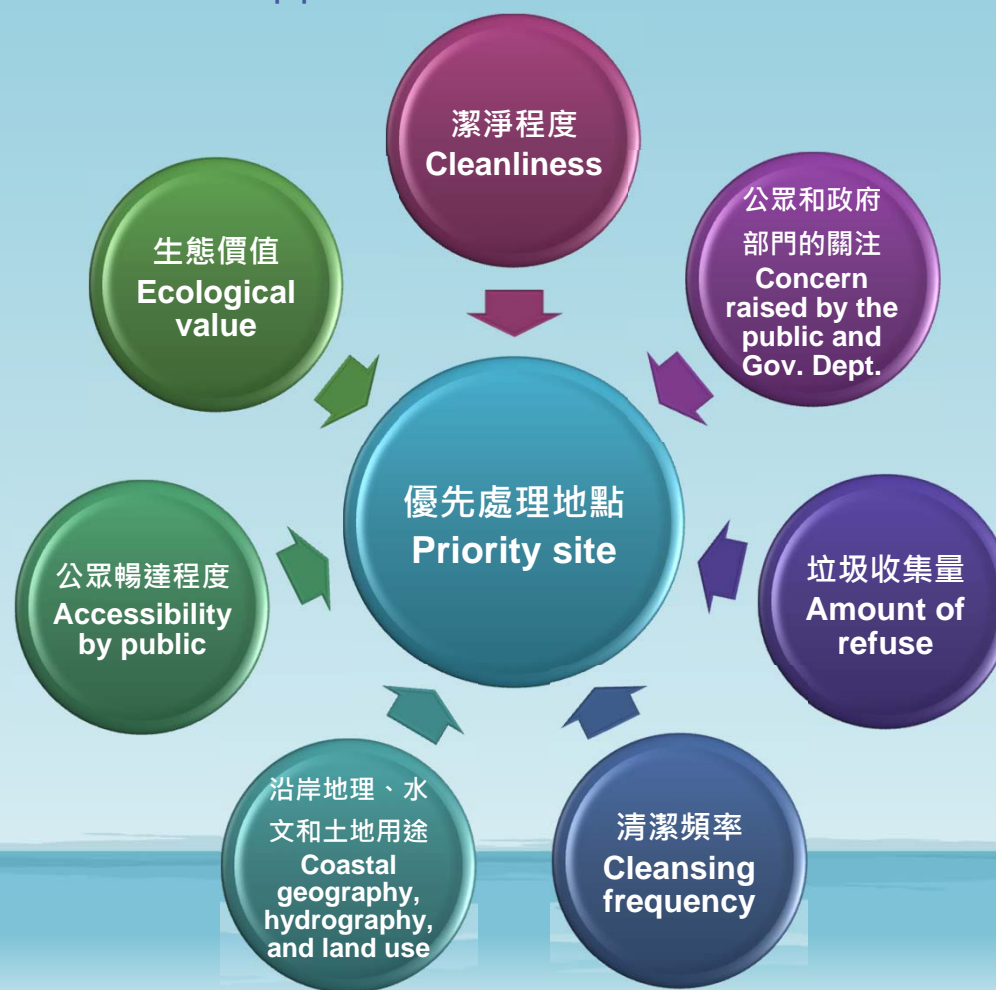


5-level system for cleanliness assessment 清潔情況的5級評分制

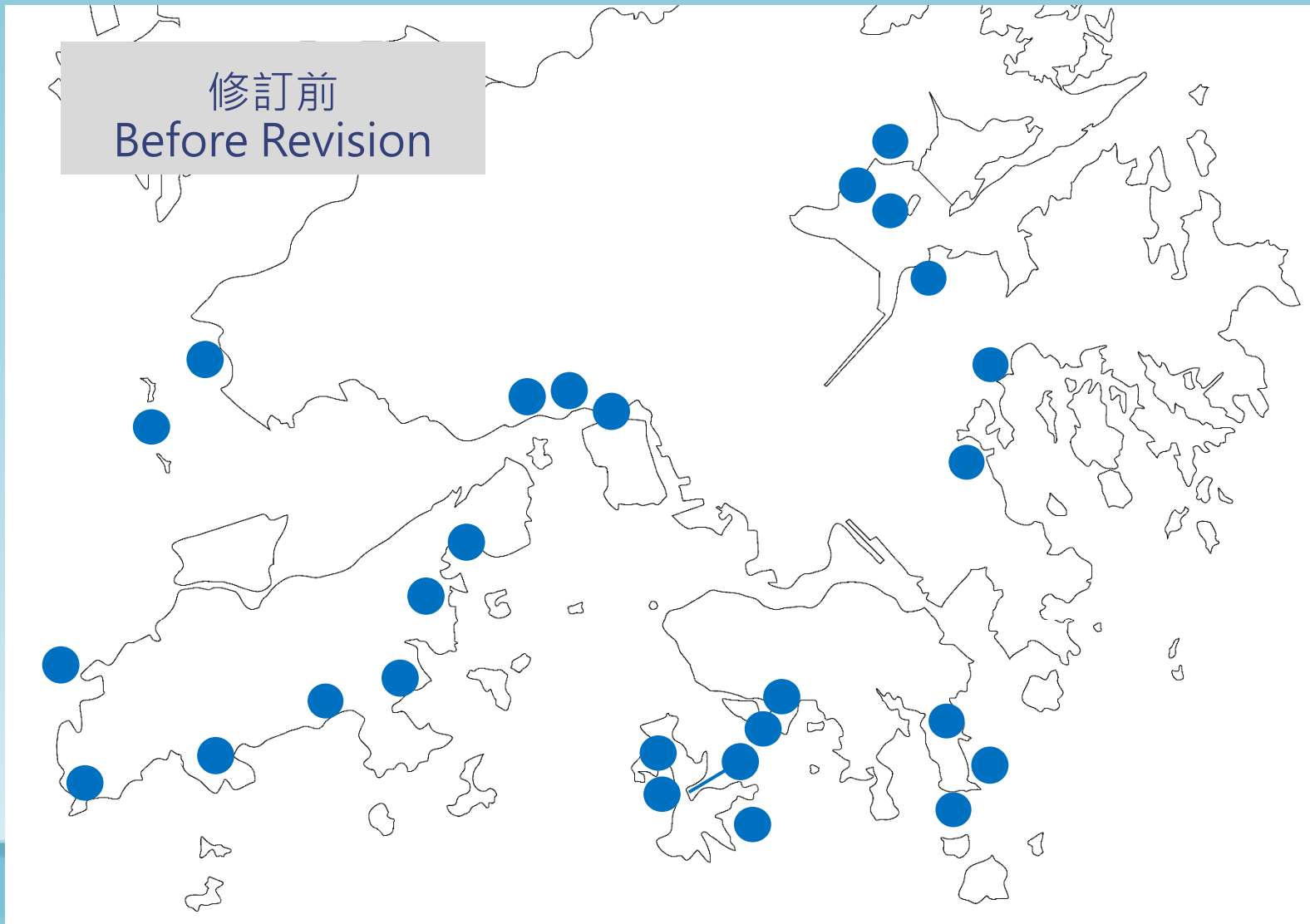
檢討需優先處理海上垃圾的地點

Review of Marine Refuse Priority Sites

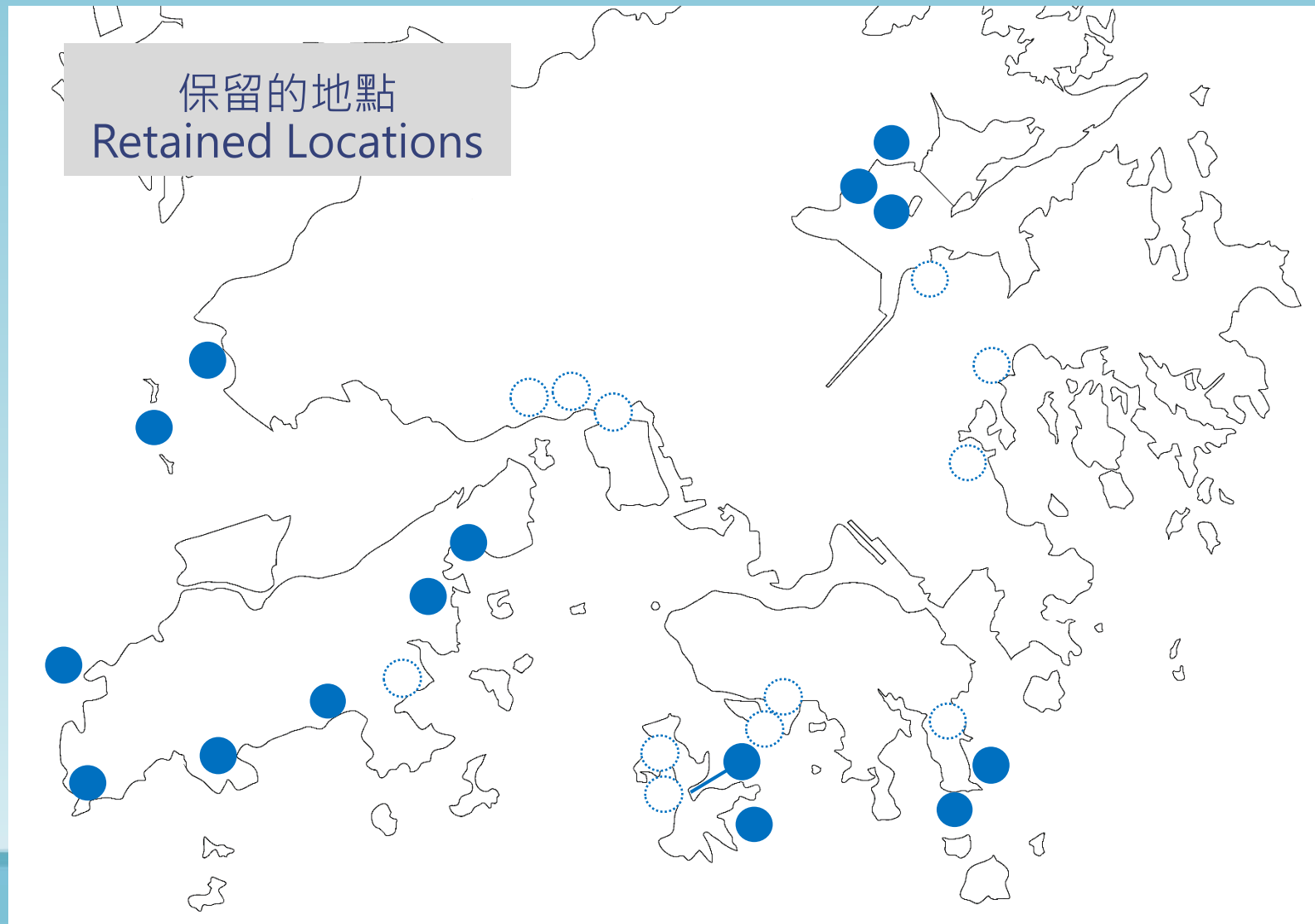
- 分析2015年4月至2017年3月兩年期間的數據
Analysed the 2 years' data from April 2015 to March 2017
- 採用多準則方式評估地點是否為需要優先處理地點
Adopted a multi-criteria approach for the assessment



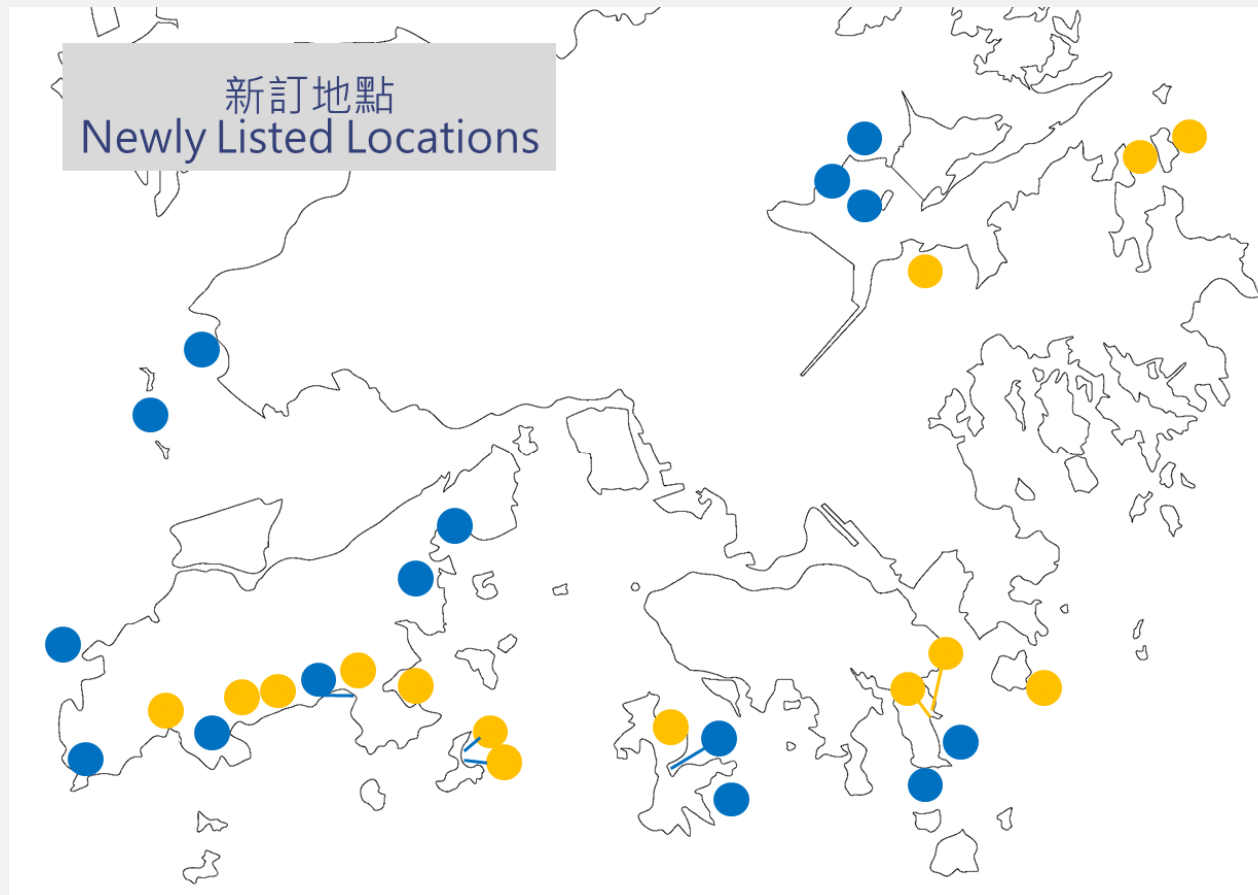
海上垃圾優先處理地點 Marine Refuse Priority Sites



海上垃圾優先處理地點 Marine Refuse Priority Sites



海上垃圾優先處理地點 Marine Refuse Priority Sites



新訂的地點包括大嶼山南部海灘、長洲、塔門和東龍島

The newly listed locations include beaches of southern Lantau, Cheung Chau, Tap Mun and Tung Lung Island

區域合作 Regional co-operation

2016

六月
Jun

香港南部沿岸地區出現異常大量的海上垃圾
Unusual amount of marine refuse was observed in southern parts of Hong Kong



八月
Aug

粵港雙方同意在「粵港持續發展與環保合作小組」的框架下成立專題小組
HK & GD agreed to set up a special panel under the framework of HK-GD Joint Working Group on Sustainable Development and Environmental Protection



十月
Oct

正式成立「粵港海洋環境管理專題小組」及舉行工作會議
HK-GD Marine Environmental Management Special Panel was set up and a working group meeting was held



2017

四月
Apr

建立海上垃圾通報警示系統
The notification and alert system on marine refuse was being developed
加強打擊非法傾倒垃圾入海
Stepped up enforcement actions to combat illegal marine dumping



五月
May

舉行第一次小組會議
The first Special Panel meeting was held

通報警示系統開始試行運作
The notification and alert trial system was launched



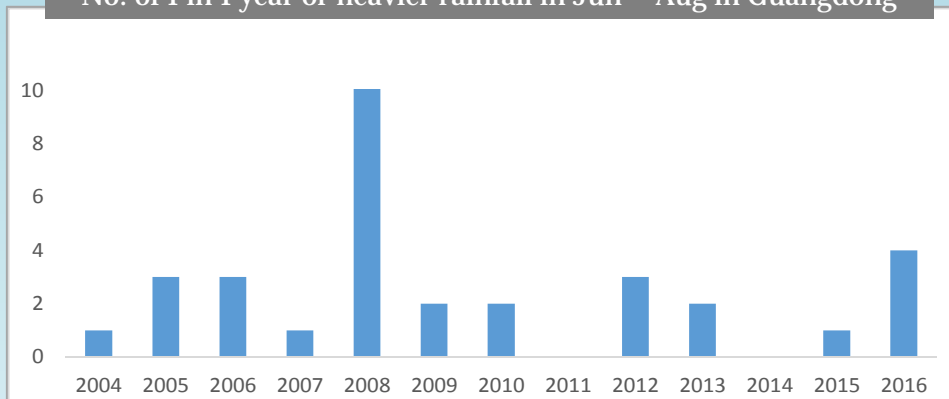
建立海上垃圾通報警示系統

Develop the notification and alert system on marine refuse

1. 統計分析並利用香港及廣東省13個城市的降雨量數據以推測香港境內出現大量海漂垃圾的情況

Analyse and make use of the rainfall data of Hong Kong and 13 cities in Guangdong to predict the surge of marine refuse in Hong Kong

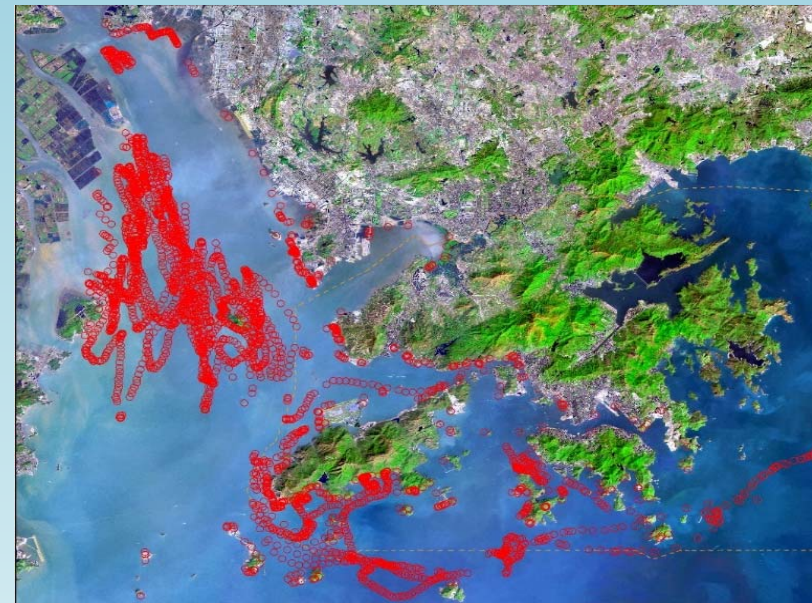
六月至八月期間廣東出現一年一遇或更大暴雨的次數
No. of 1 in 1 year or heavier rainfall in Jun – Aug in Guangdong



2005, 2008及2016年均曾在6 – 8月出現大量海漂垃圾
Surge of Marine Refuse in Jun – Aug was noted in 2005, 2008 and 2016

2. 利用水動力模型預測海漂垃圾的分佈

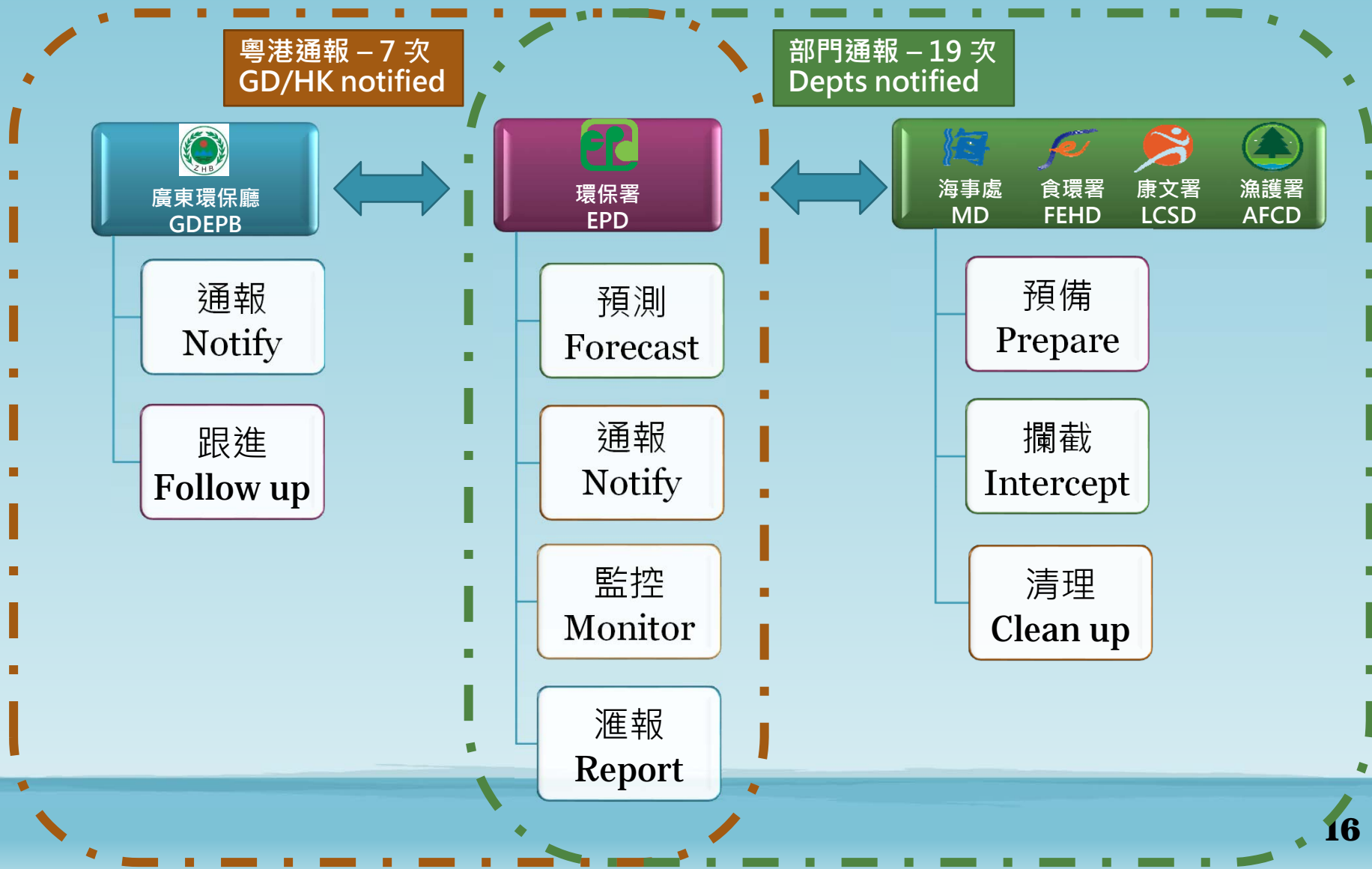
Use hydrodynamic model to predict the distribution of marine refuse



模擬海漂垃圾在西南風和洋流影響下的擴散情況
Dispersion of Marine Refuse under SW Wind and Current

海上垃圾通報警示機制

Notification and alert mechanism on marine refuse



海漂垃圾中的醫療廢物 Medical waste in marine refuse

- 於大嶼山三白灣安裝閉路電視試行監察
Installed CCTVs at Sam Pak Wan in Lantau for monitoring the site situation
- 計劃進行研究
To conduct study
- 試行協助家居病人收集針筒
To trial collection of used syringes from home patients



環境及自然保育基金
Environment and Conservation Fund

特定主題: 清潔海岸
Special theme: Clean Shorelines

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

環境及自然保育基金 Environment and Conservation Fund

環保教育和社區參與項目

Environmental Education and Community Action Projects

- 第一輪資助申請已於2017年5月29日截止，預計申請結果最快可於11月底公布 The first round of application was closed on 29 May 2017. It is expected that the earliest time for announcement of the result would be in late November 2017.
- 第二輪資助申請將於2017年10月27日開始，至12月18日截止
The next round of application is scheduled for 27 October to 18 December 2017.
- 網站 website <http://eeca.ecc.org.hk>

回顧 Overview

部門 Department	工作小組成立前與現時比較 Comparison before the establishment of working group and	
	增撥資源 Allocation of addition resources	增加清理次數(年總數) (27個優先處理地點) Increase in annual number of cleanup operation (27 priority sites)
漁護署 AFCD	\$200萬 \$2million	61
食環署 FEHD	\$2,100萬 \$21million	577
康文署 LCSD	\$340萬 \$3.4million	192
海事處 MD	\$6,400萬 \$64million	127
合計 Total	\$9,040萬 \$90.4million	957

未來路向 Way forward



謝謝 Thank you!