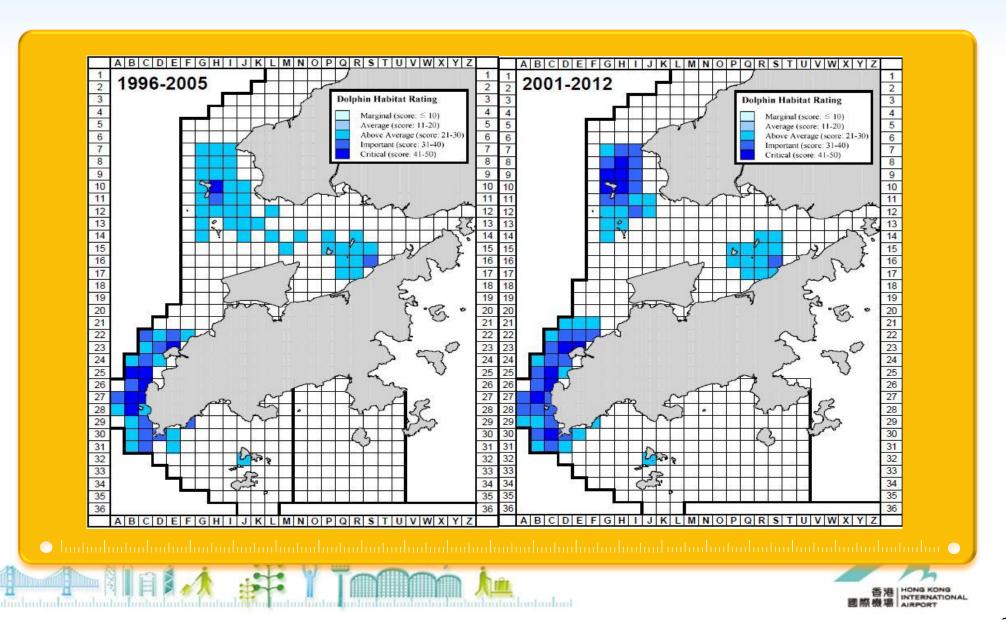


Legislative Council Subcommittee to Follow Up Issues Relating to the Three-runway System at the Hong Kong International Airport

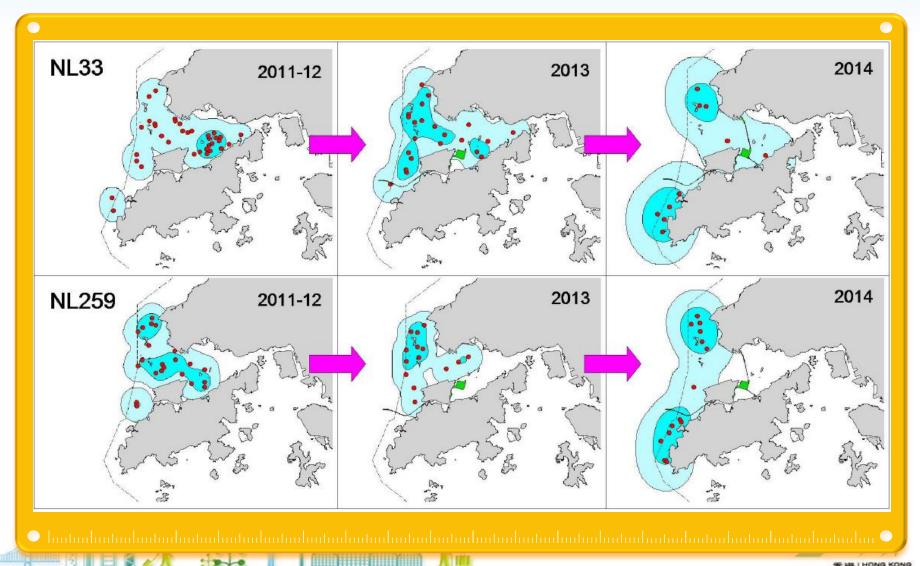
Mitigation and Enhancement Measures in connection with the Conservation of Marine Ecology and Chinese White Dolphins

16 February 2016

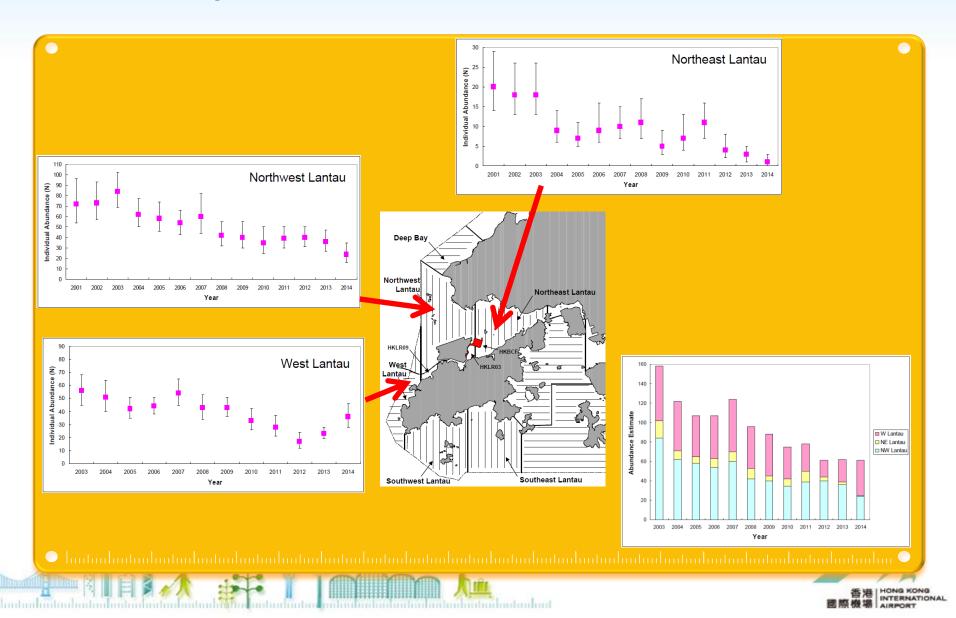
Prime CWD Habitat



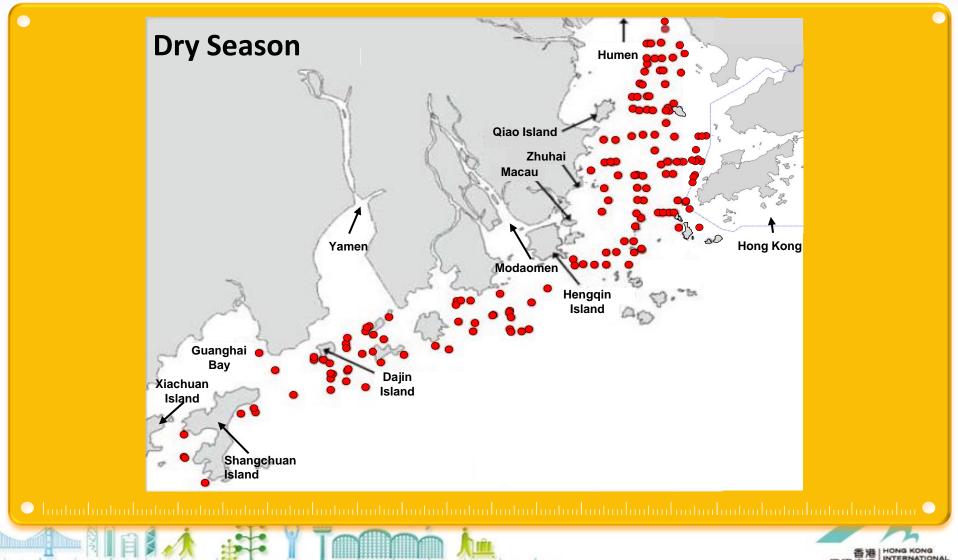
Shift of Dolphin Core Area (Comparison between 2011-12, 2013 and 2014)

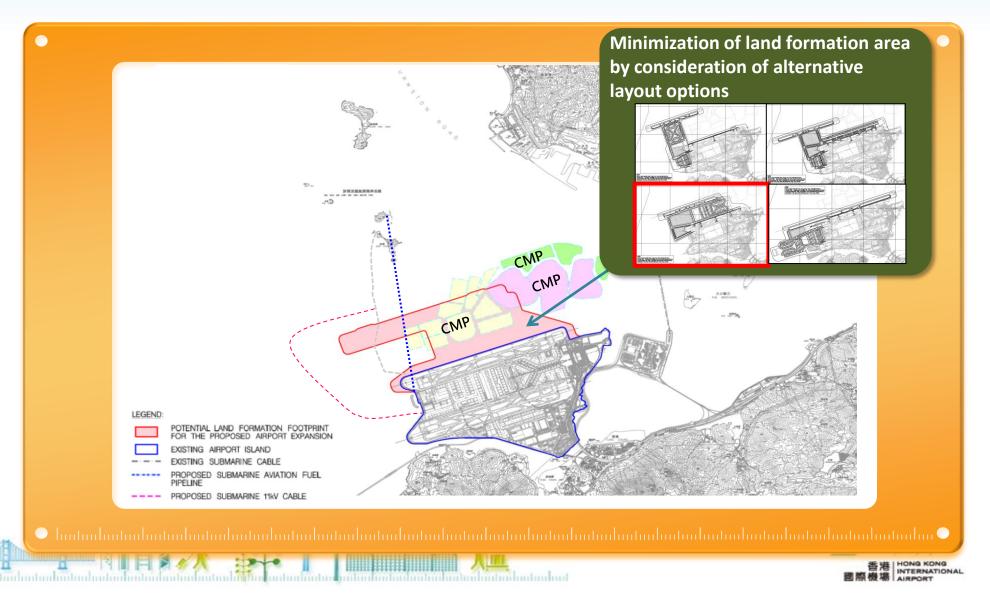


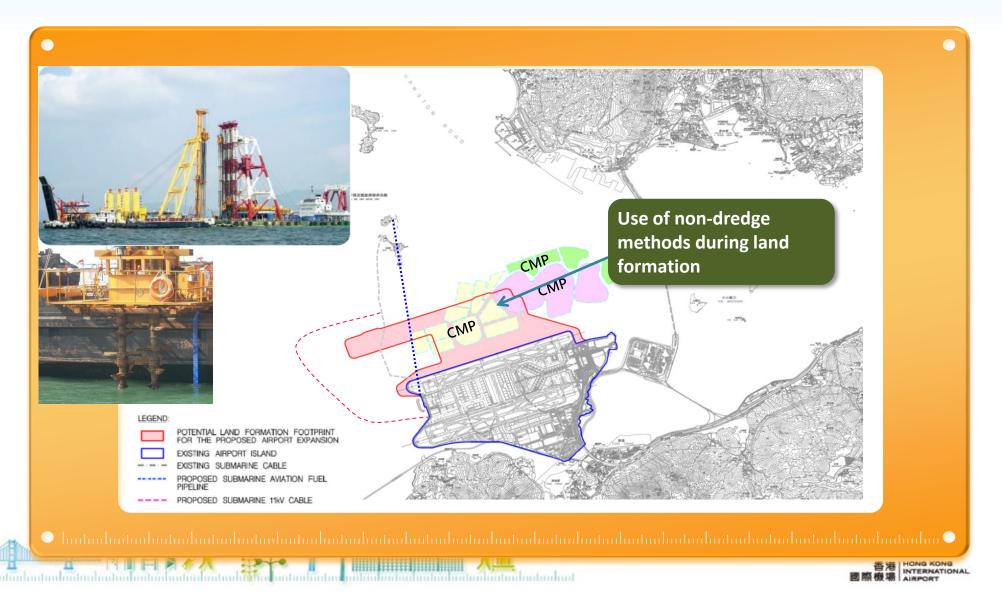
Shift of Dolphin Core Area

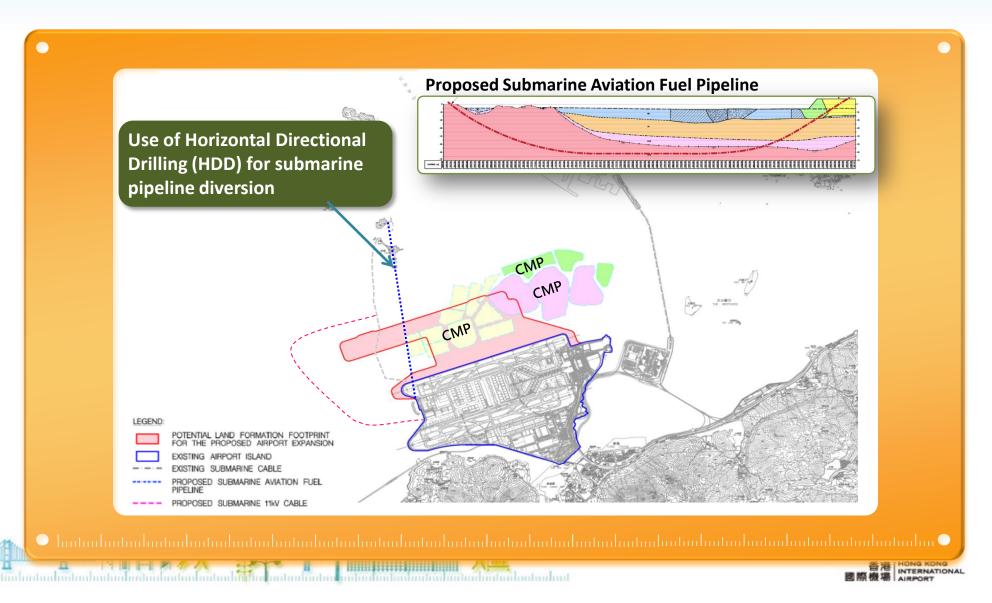


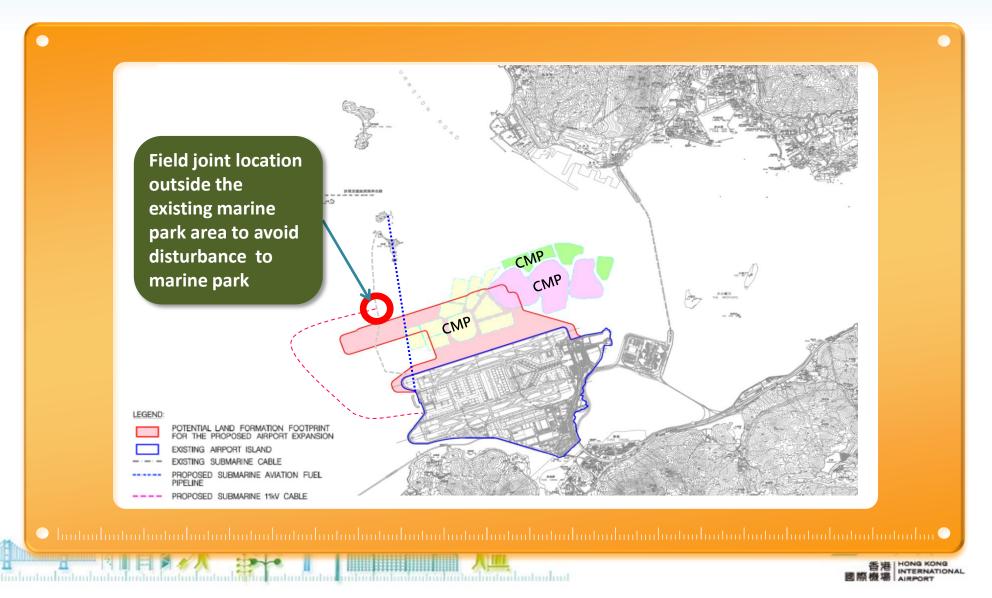
CWDs occur extensively in Pearl River Estuary

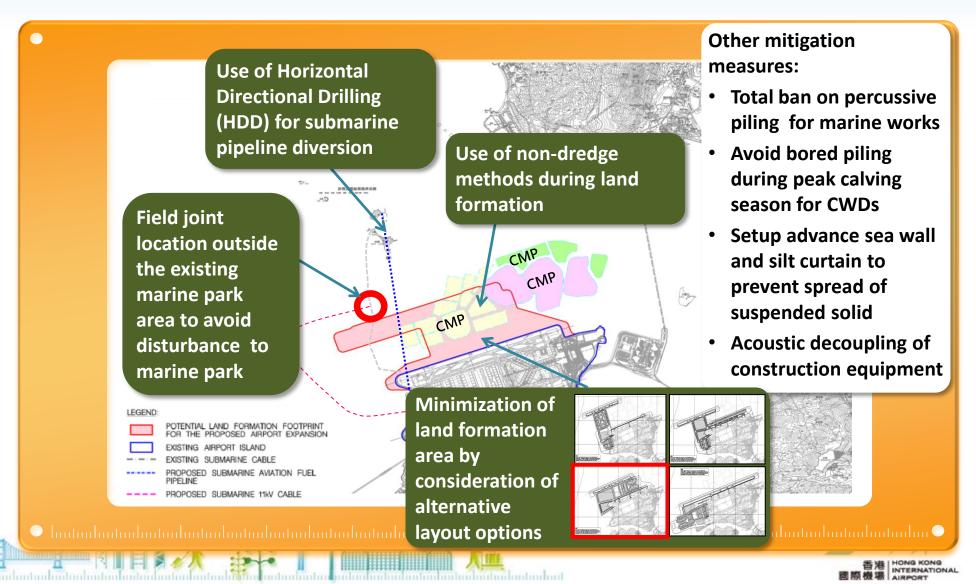




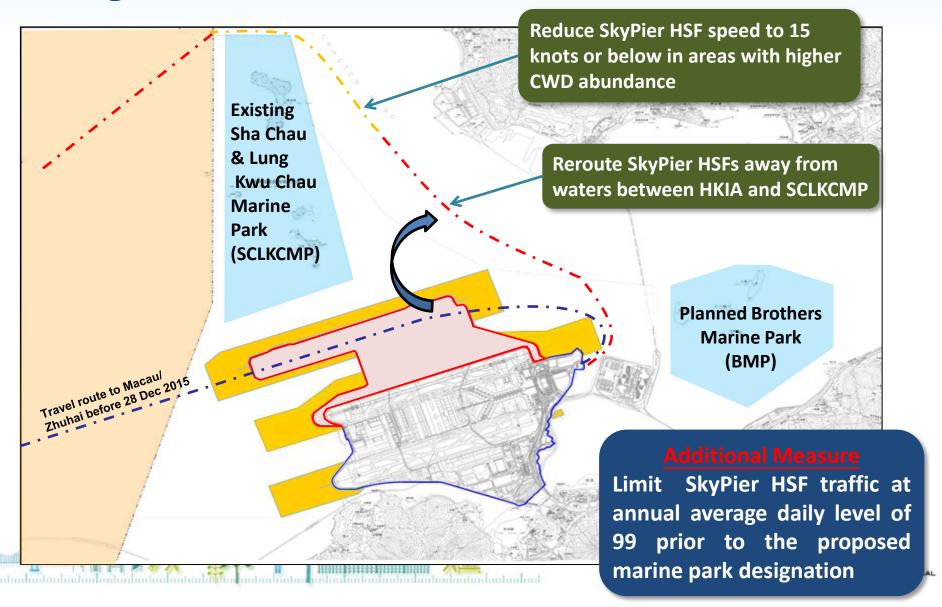




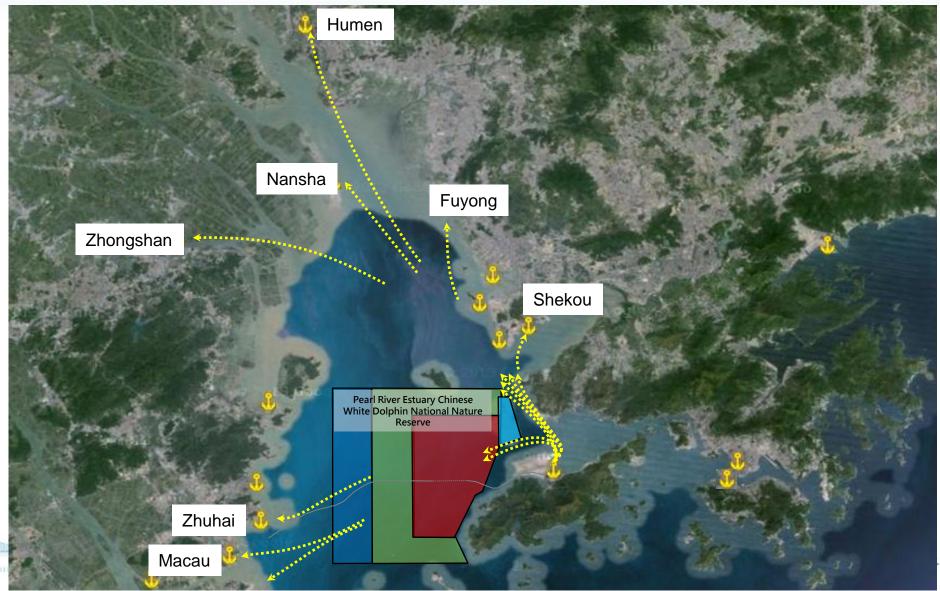




High-speed Ferry (HSF) Marine Traffic Routes and Management Plan

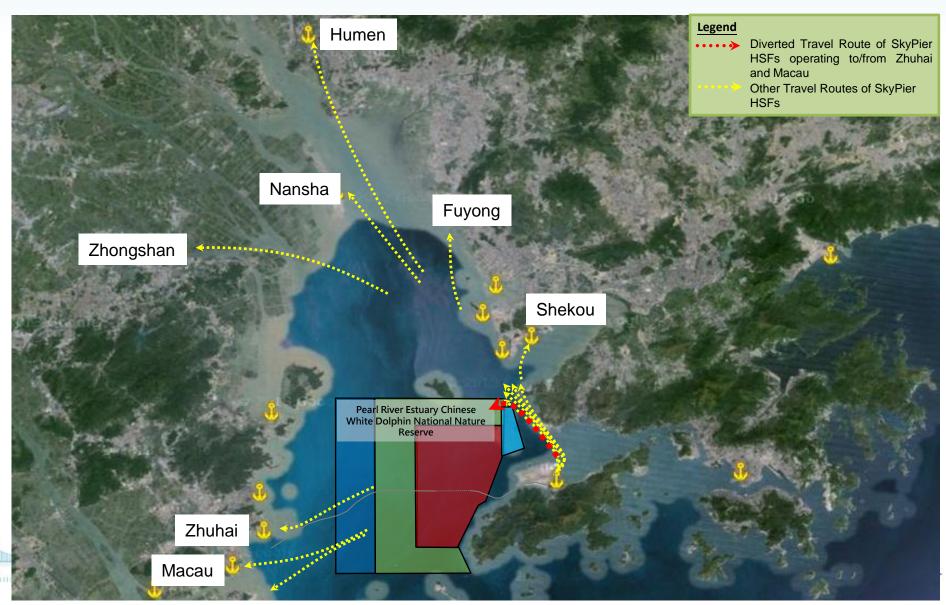


Travel Routes of SkyPier HSFs and the Pearl River Estuary CWD National Nature Reserve



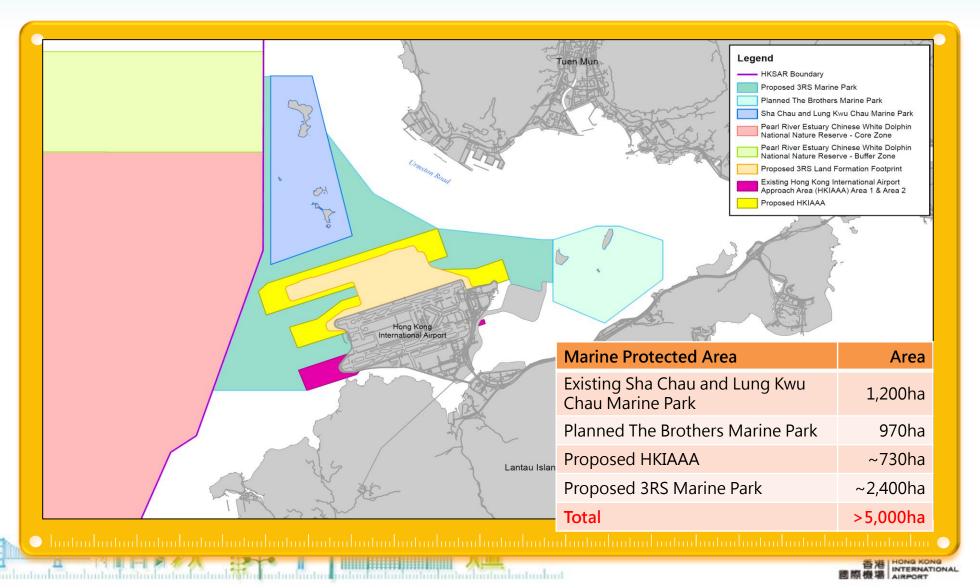


Travel Routes of SkyPier HSFs and the Pearl River Estuary CWD National Nature Reserve

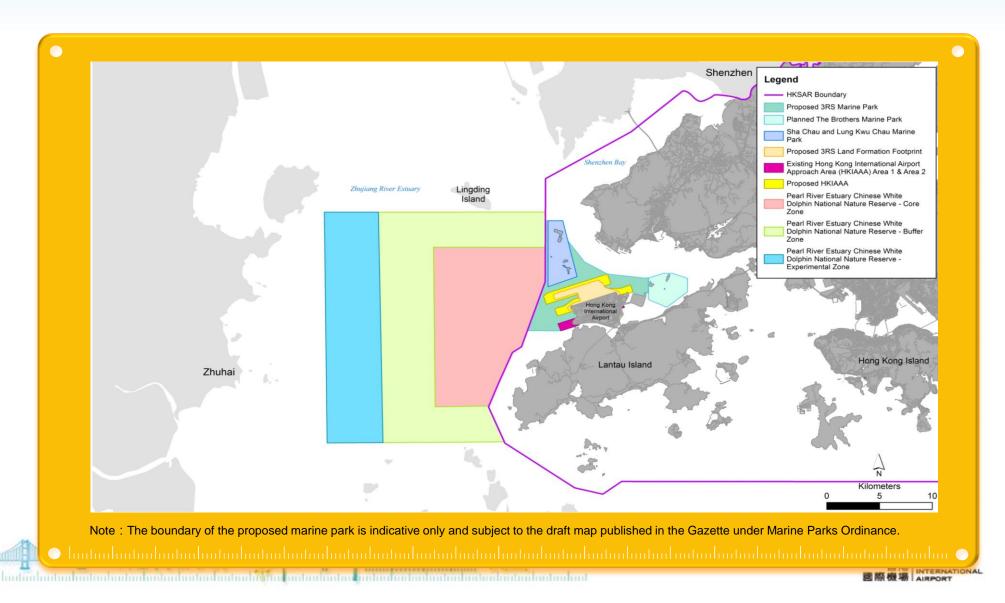




Provide linkages between Marine Park and Adjacent Conservation Areas to Enhance Marine Ecology



Location of Pearl River Estuary Chinese White Dolphin National Nature Reserve



Comprehensive EM&A for CWDs

- CWDs monitoring before construction, during construction, postconstruction and operation phases
- To monitor the impact of 3RS Project on CWDs
 - travel areas and habitat use
 - effectiveness of proposed mitigation measures, including:
 - route diversion and speed reduction of SkyPier HSFs travelling to and from Zhuhai and Macau
 - the proposed 3RS Marine Park
- Adopt Dolphin Exclusion Zones for specific marine construction activities during day time and night time, to avoid the cause of injury/ noise disturbance to CWDs

Marine Ecology Conservation Plan & Marine Ecology Enhancement Fund

Fisheries Management Plan & Fisheries Enhancement Fund





Funding Objectives & Themes

Marine Ecology Conservation Plan

- Marine habitat & resource conservation & enhancement
- Scientific research & studies
- Environmental education & eco-tourism

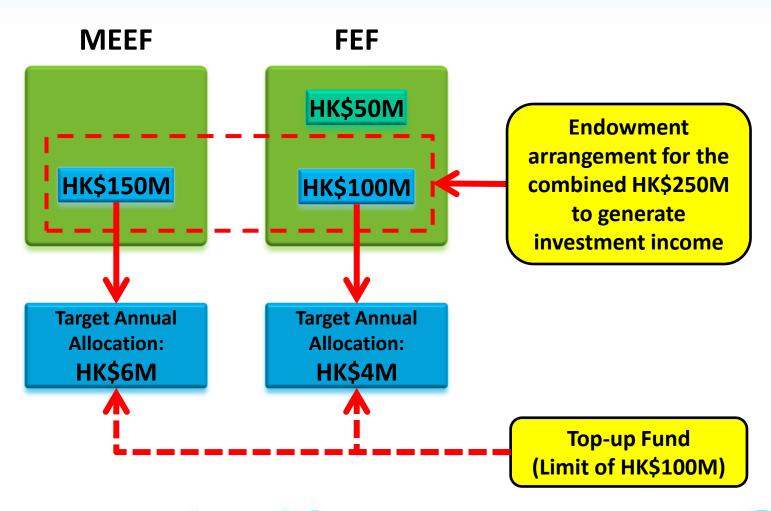
Fisheries Management Plan

- Achieve sustainable management and enhancement of fisheries resources
- Enhance on-going fisheries
 operations in a sustainable manner
- Assist in shifting fisheries operations
- Promote and enhance fisheries-related business opportunities





Proposed Funding Arrangement for MEEF and FEF







Proposed Fund Management Structure

Steering Committee

Chairperson – AAHK

Members

- MEEF Management Committee Chairperson
- FEF Management Committee Chairperson
- Other non-AAHK members in the environmental management, engineering, investment of financial areas

MEEF Management Committee

Chairperson— (Non-AAHK)

Members

- Green group rep(s)
- Academic(s)
- Dolphin expert(s)
- Relevant stakeholder(s)
- AAHK member(s)

FEF Management Committee

<u>Chairperson</u> – (Non-AAHK)

Members

- Fishermen's Association rep(s)
- Fisheries expert(s)
- Relevant stakeholder(s)
- AAHK member(s)

Secretariat AAHK



Roles and Responsibility of Supporting Consultants

AAHK (Permit Holder)

Environmental Team (ET)

Roles of ET:

Implement EM&A

accordance with the

EM&A requirements

Develop EM&A related

submissions under the EP

programme in

Independent
Environmental Checker
(IEC)

Roles of IEC:

- Audit the overall EM&A performance
- Verify relevant submissions under the EP

Environmental Permit Consultant (EPC)

Roles of EPC:

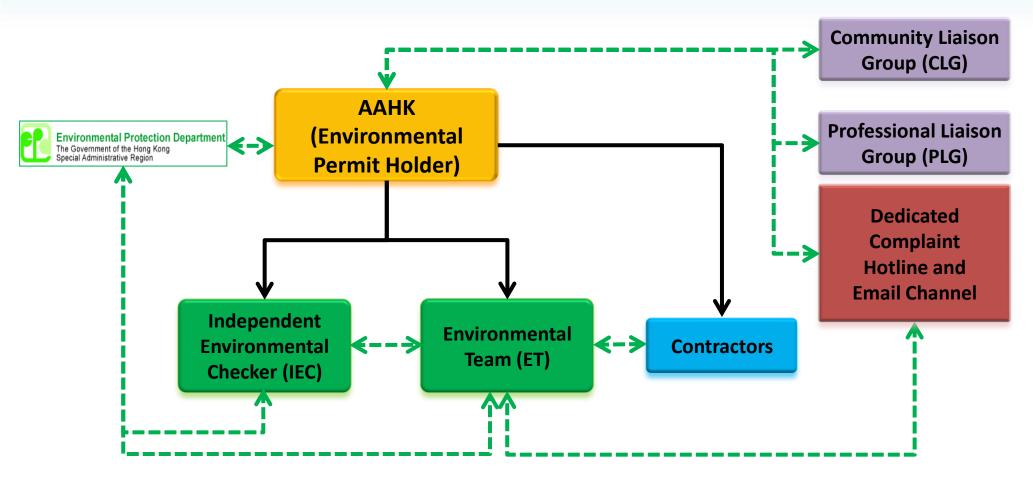
- Develop marine ecology and fisheries related EP submissions
- Establish communication channels with key stakeholders, including PLG & CLG, and the general public

• mtm.h.mtm.h.mtm.h.s





Communication Pathway for EM&A Project Organization (Construction Phase)







THANK YOU



