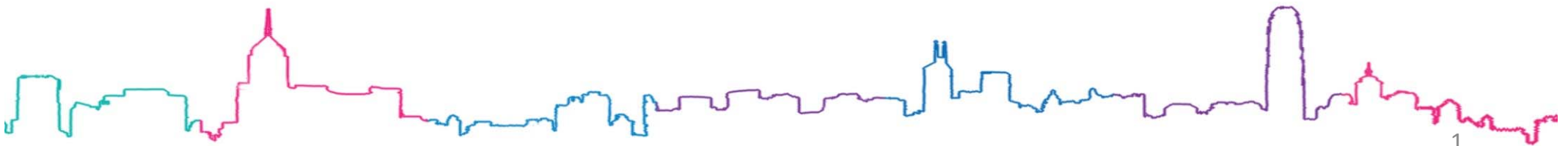


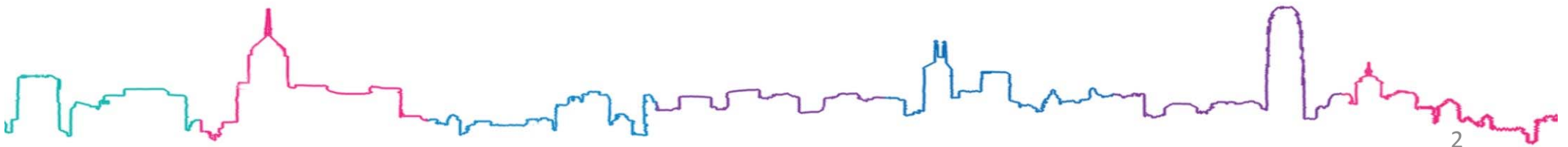
# An Overview of Railing Design Along Victoria Harbourfront

13<sup>th</sup> Meeting of Task Force on Water-land Interface

Harbour Unit, DEVB  
2 June 2016



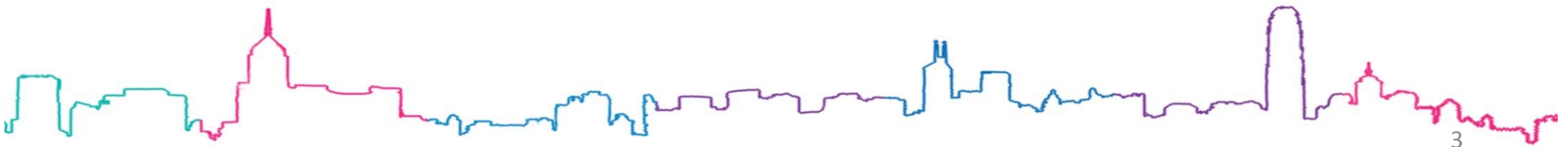
# General Design of Waterfront Railing



# General Design of Waterfront Railing

## General Design Requirements

- No specific guidelines governing the design of railing and balustrades along public promenade per se
- BD's requirements on protective barriers normally serve as reference
- Regulation 8 of the Building (Construction) Regulations –
  - where there is a difference in adjacent levels greater than 600 mm, protective barriers shall be provided
  - a barrier should have a height of not less than 1.1 m
  - constructed as to inhibit the passage of articles more than 100 mm in their smallest dimension

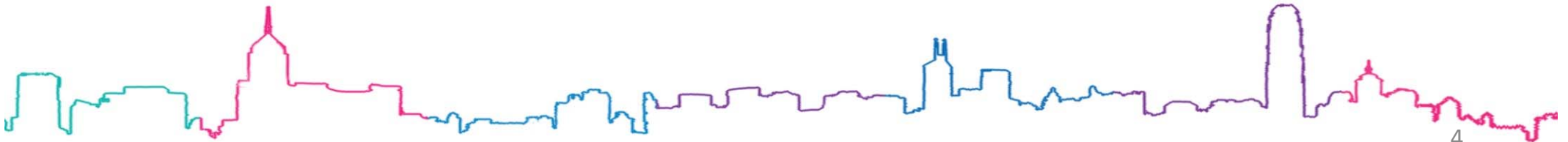


# General Design of Waterfront Railing

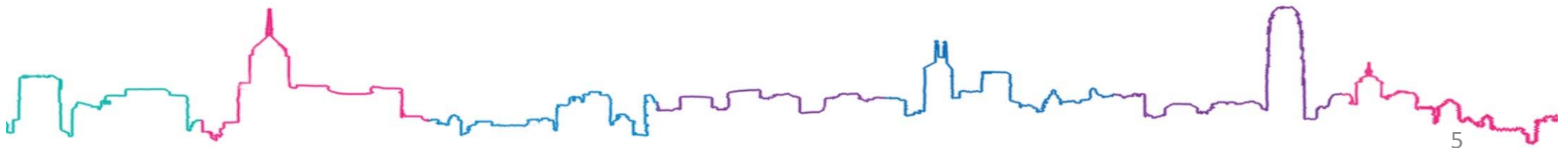
## Choice of Building Materials

Common types of materials used in Hong Kong –

- Stainless steel, galvanized mild steel (GMS), wire mesh
  - Less costly and more robust
  - Suitable for waterfront locations with strong wind and wave conditions
  - Prone to rusting
- Tempered glass
  - Transparent and visually more appealing
  - Suitable for waterfront facing a calm sea surface
  - Relatively higher construction and maintenance costs



# Current Situation along the Harbourfront

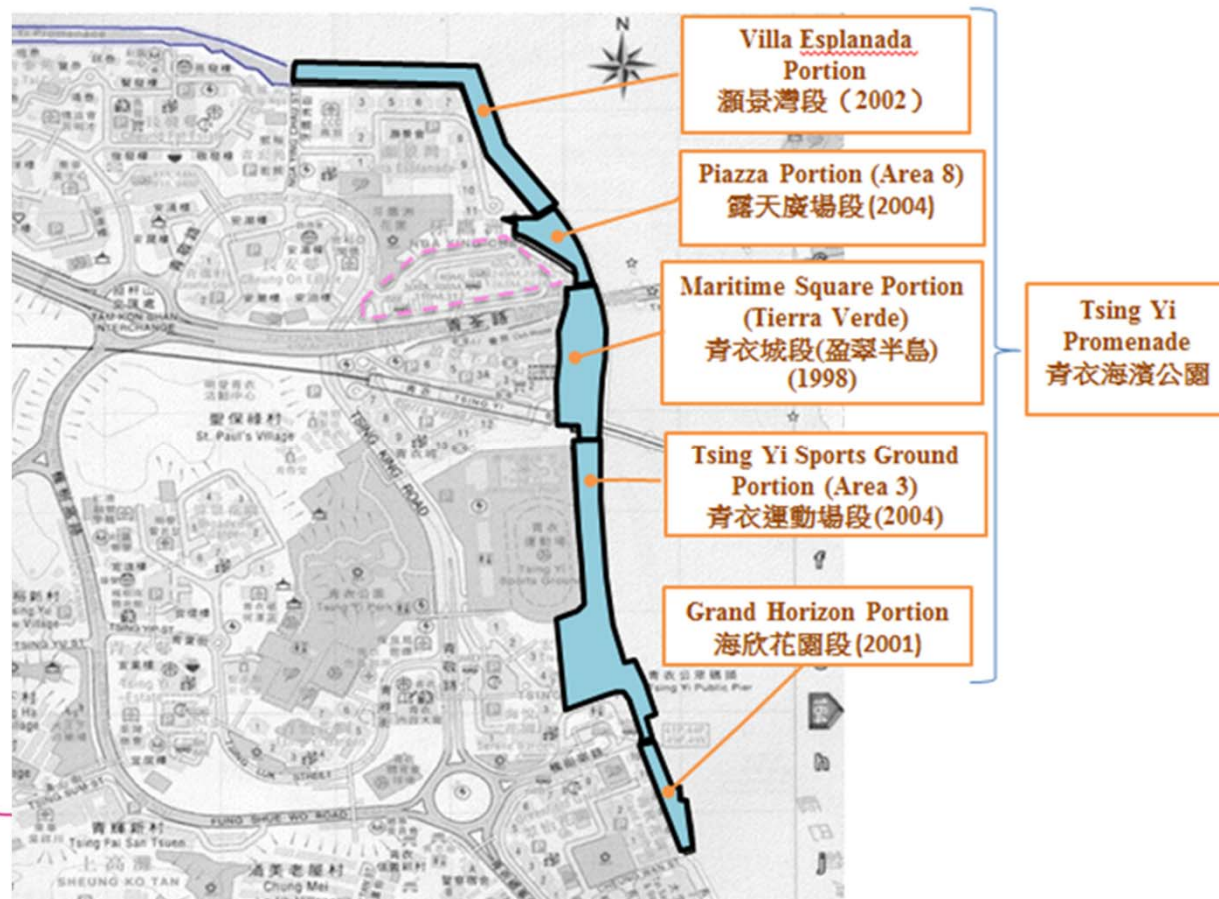




# Current Situation along the Harbourfront

## Tsing Yi Promenade

- Constructed in phases between 1998 and 2004 by various agents
- Variation in the railing design along the five sections of promenade





# Current Situation along the Harbourfront

## Tsing Yi Promenade

- Villa Esplanada Portion (completed in 2002)





# Current Situation along the Harbourfront

## Tsing Yi Promenade

- Piazza Portion and Tsing Yi Sports Ground Portion (completed in 2004)



*Piazza Portion*



*Tsing Yi Sports Ground Portion*

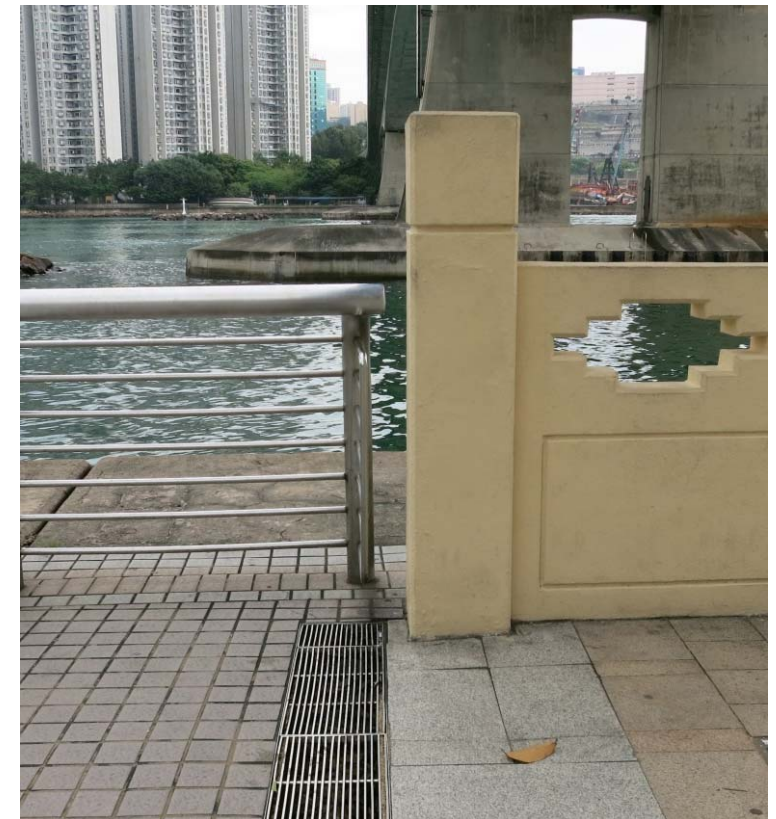




# Current Situation along the Harbourfront

## Tsing Yi Promenade

- Maritime Square Portion (completed in 1998)

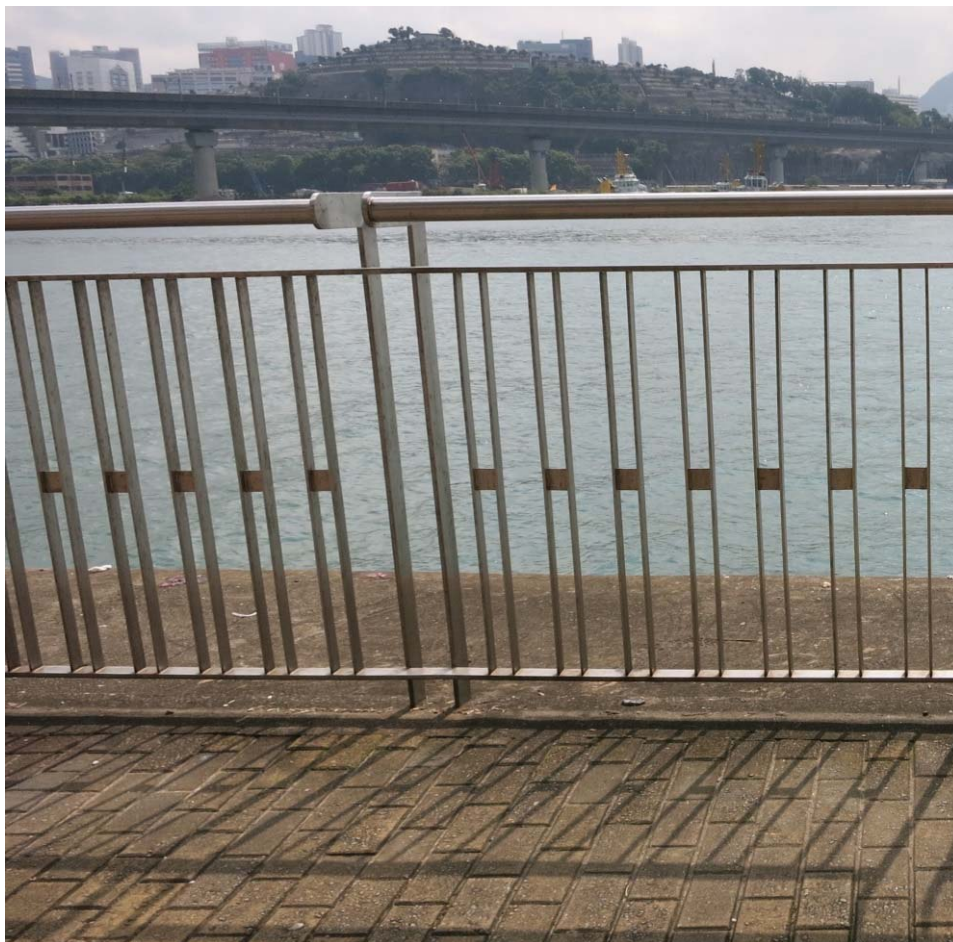




# Current Situation along the Harbourfront

## Tsing Yi Promenade

- Grand Horizon Portion (completed in 2001)





# Current Situation along the Harbourfront

## Tsim Sha Tsui Waterfront

- Opened in 1980s along with its adjacent Hong Kong Cultural Centre

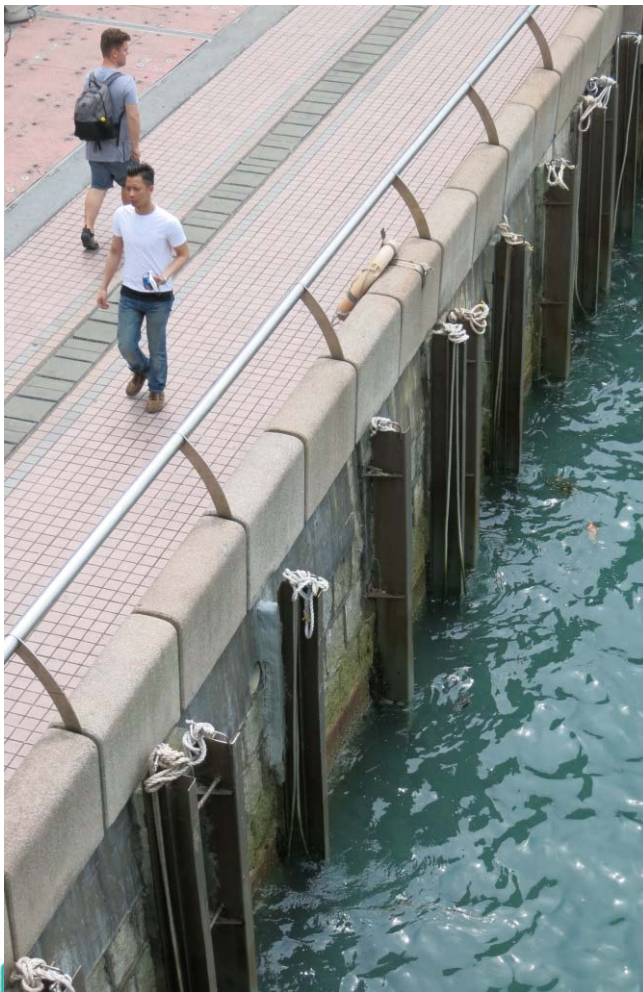




# Current Situation along the Harbourfront

## Central & Western District Promenade (Central Section)

- Completed in Q3 2011 as an advance promenade





# Current Situation along the Harbourfront

## Quarry Bay Promenade

- Completed in 2012



# Current Situation along the Harbourfront

## Hoi Fai Road Promenade

- Completed in late 2014



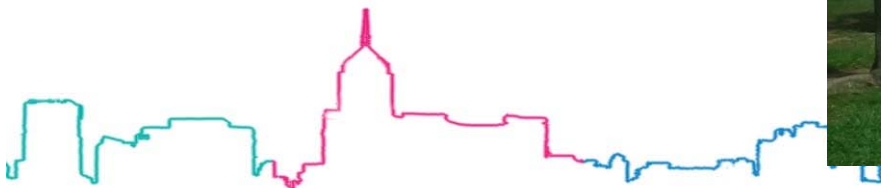
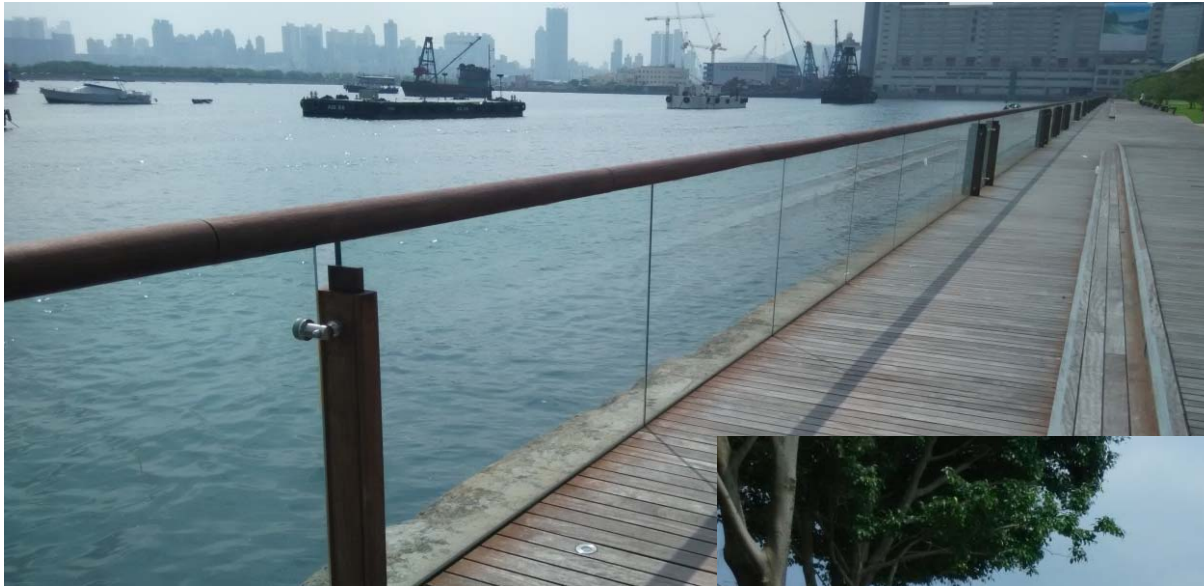




# Current Situation along the Harbourfront

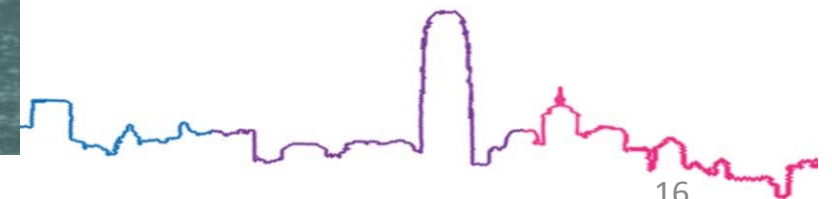
## Kwun Tong Promenade

- Completed in 2015



# Current Situation along the Harbourfront

## Western District PCWA





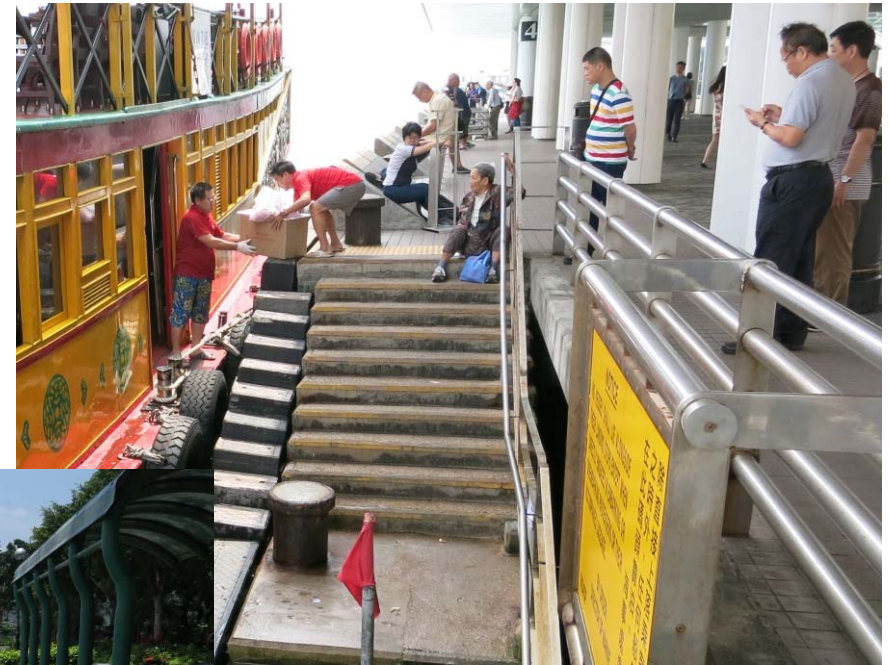


# Current Situation along the Harbourfront

## Interface with Marine-related Facilities



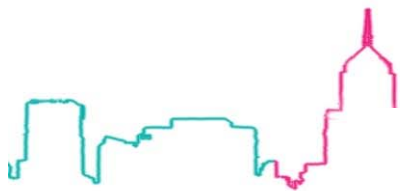
*Tsing Yi*



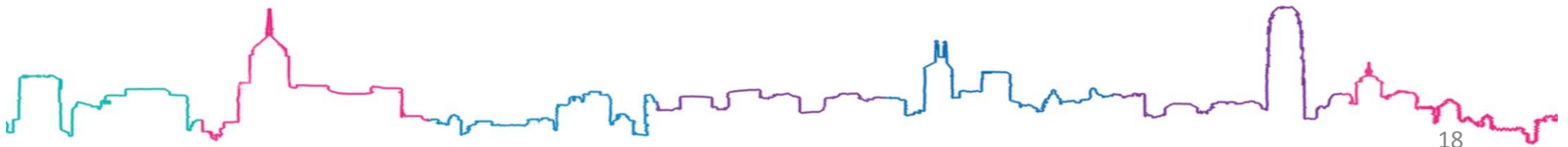
*Tsim Sha Tsui*



*Tai Kok Tsui*



# Looking Ahead



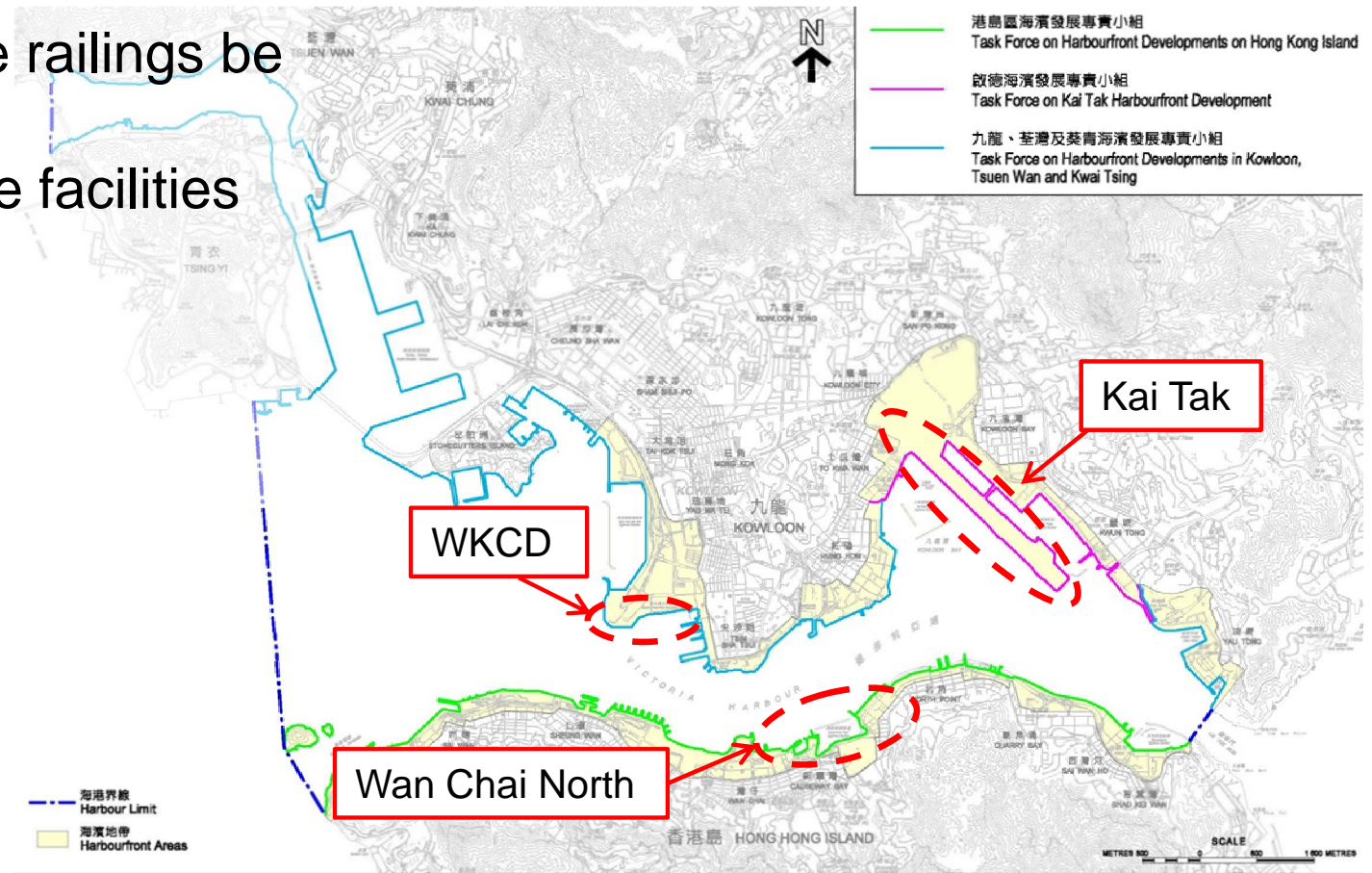


# Looking Ahead

- Around 15 km of harbourfront area planned for promenade development in the years to come

- How should future railings be designed?

- Existing marine facilities
- Seawall
- Sea condition
- Pet access
- Cycle Track



海濱事務委員會轄下專責小組所負責的範圍  
Areas of Responsibility of the Harbourfront Commission Task Forces



# Thank You

