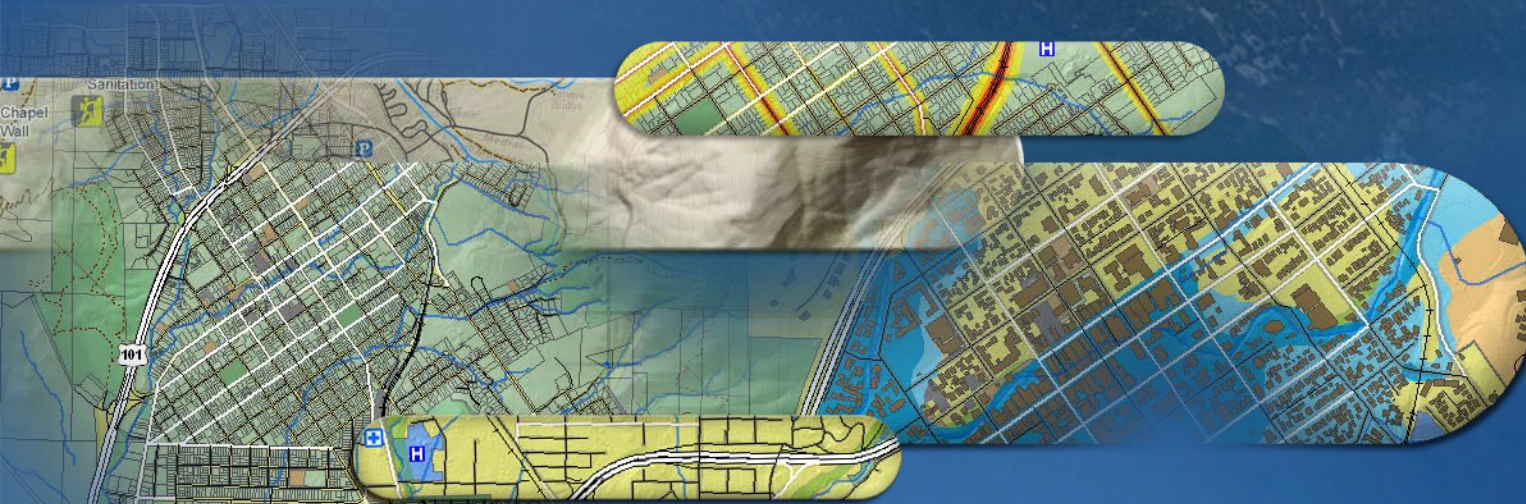


# Asset Information System (AIS)

## Development Planning

*22 Aug 2018*

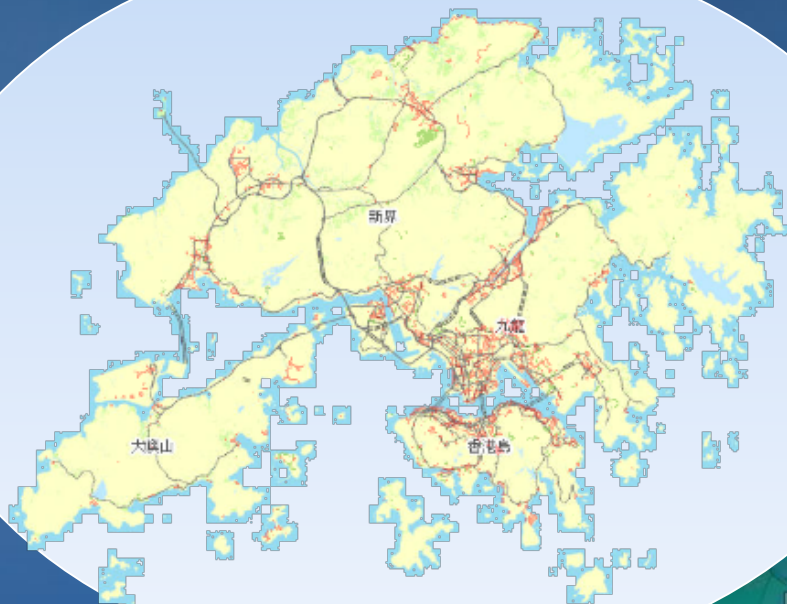


# Agenda

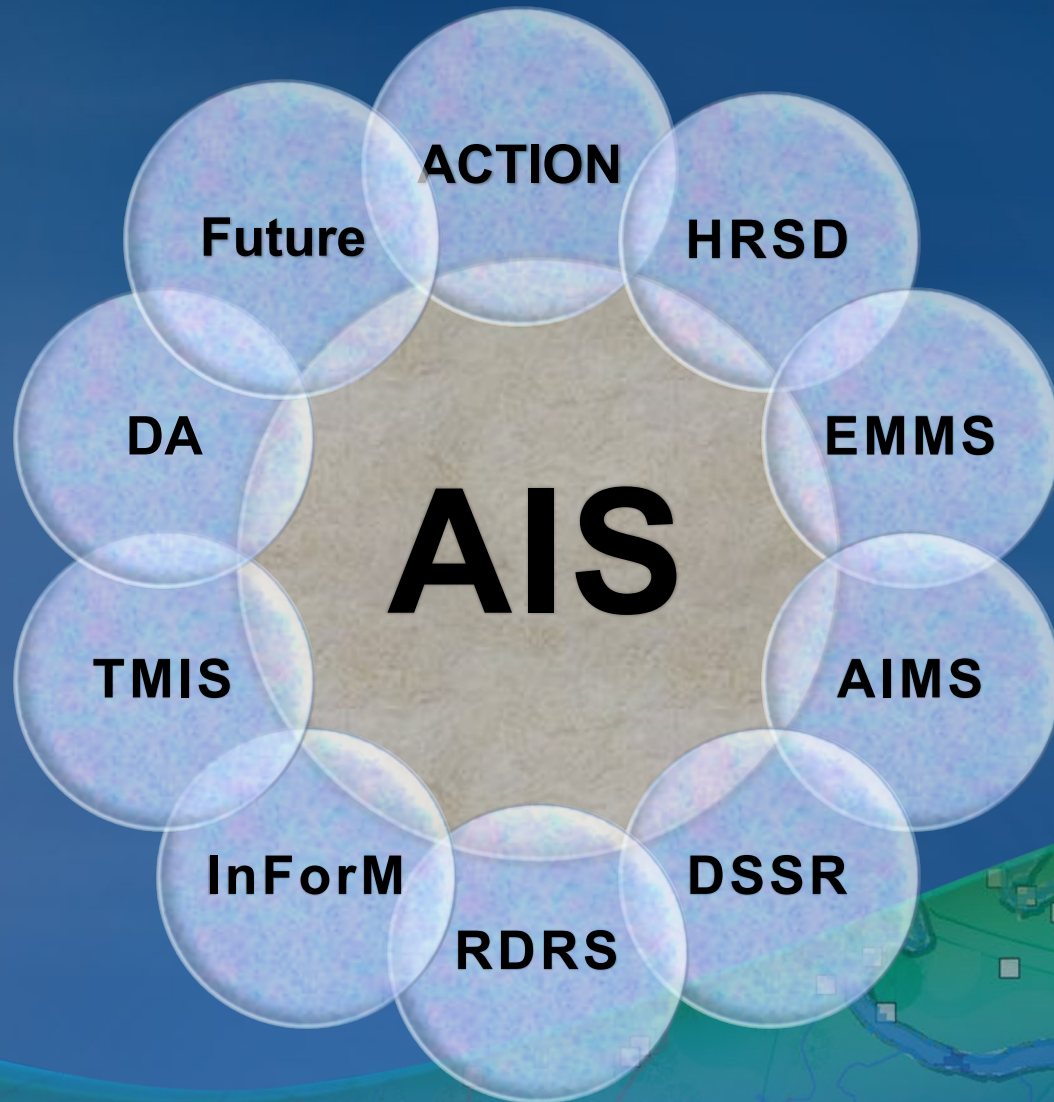
1. Current AIS
2. Functions in FY2018/2019
3. Planned Functions in FY2019/2020
4. Year 2020 onwards
5. Q&A



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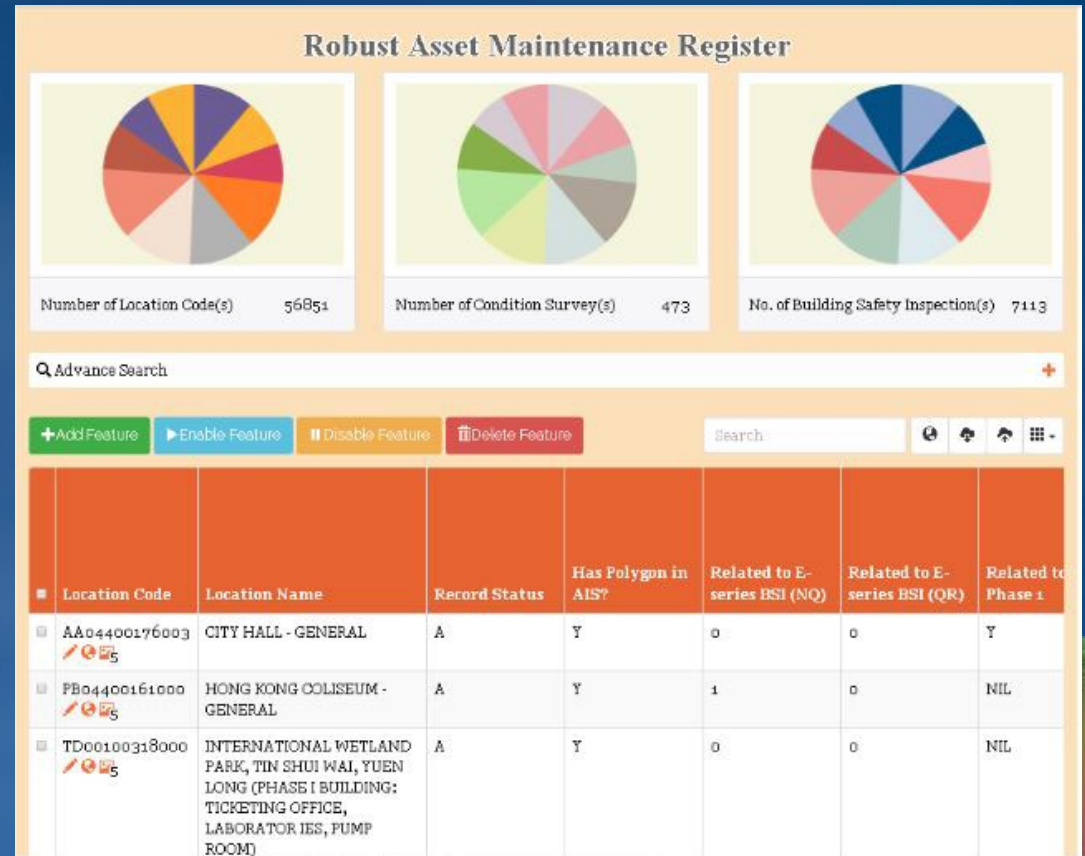
[illegible]

# Current AIS



# Functions in FY2018/2019

- Robust Asset Maintenance Register
  - Holistic view and Centralized maintenance information control



# Functions in FY2018/2019 (cont)

- **Inspection Scheduling**
  - Routine maintenance inspection alert and control
- **Search and Export summary of BSI inspection items E-series MTCs**
- **Register for Condition Survey reports by consultancy agreement & recommended works follow up action**
- **Integrate BIM models for enrichment on works record (WO and MWO from ACTION System plus DA system)**

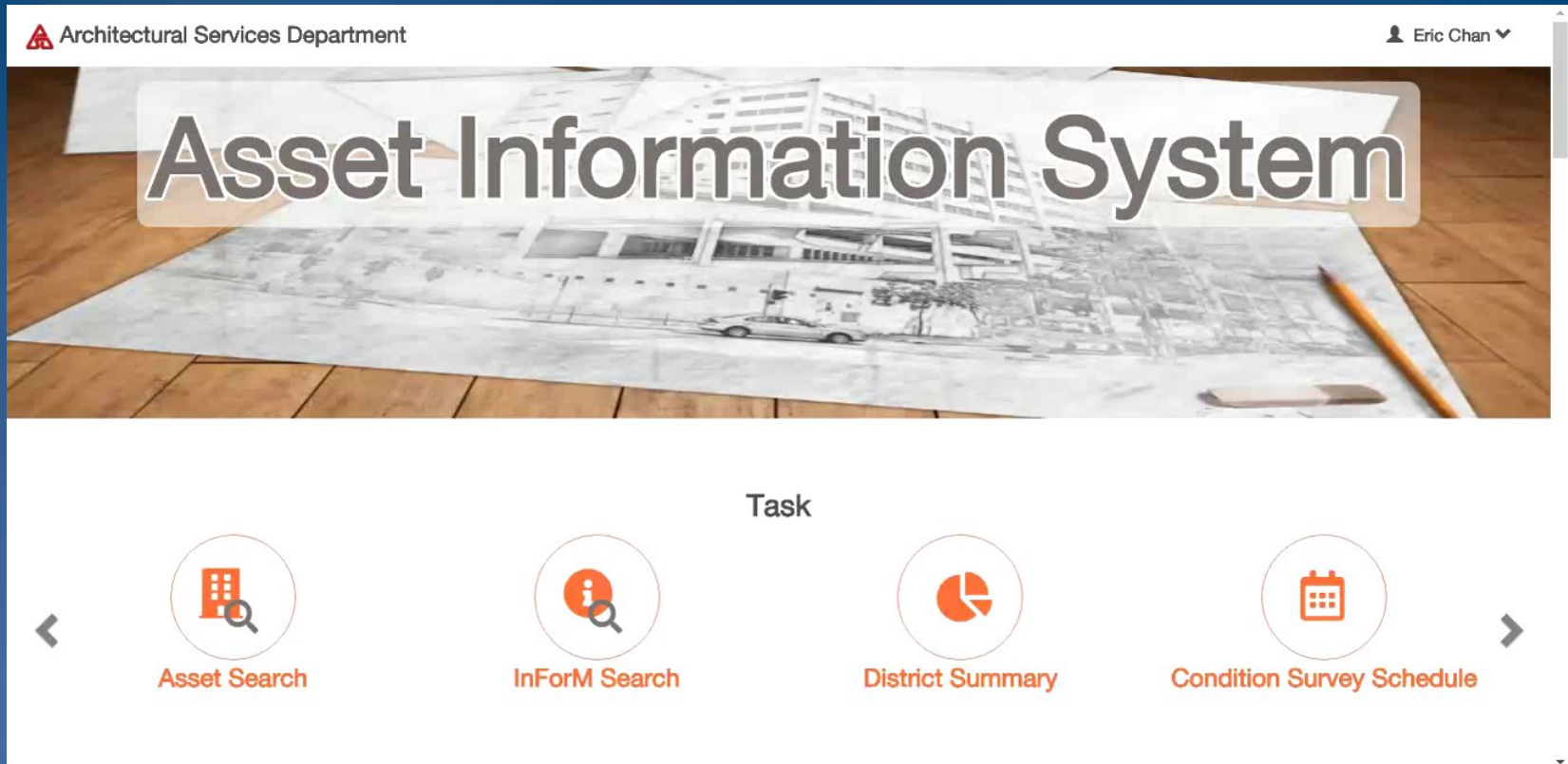
# Functions in FY2018/2019 (cont)

- Kick off discussion with Tree Management Common Platform system replacing existing TMIS of Tree Management Office
- Prepare Design of Pilot Works Management System using BIM for works order drafting in ACTION System
- Estimated budget of above 2 items: HK\$ 213,780.00

# Planned Functions in FY2019/2020

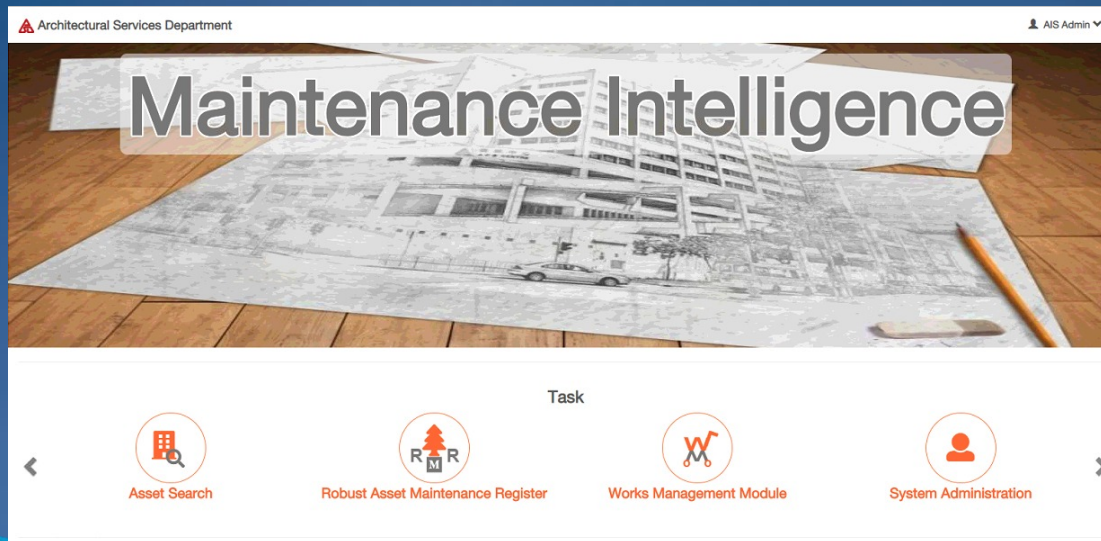
- Upgrade and Revamp AIS to Maintenance Intelligence Portal
  - Upgrade back-end hardware and software
  - New User Interface to support display in **Mobile** device
  - Enrich the documentary facility (Interface with effective document management, such as MS SharePoint)

# Planned Functions in FY2019/2020 (cont)

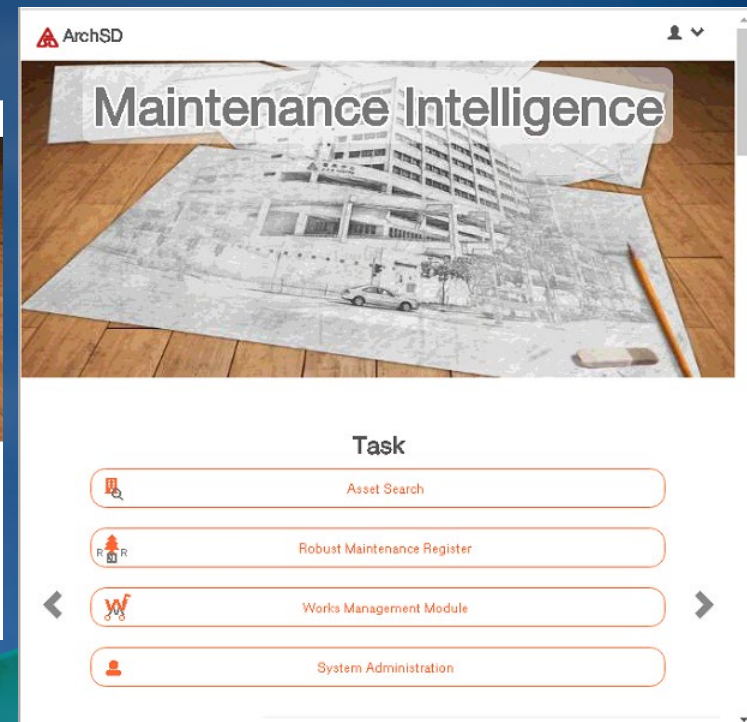


# Planned Functions in FY2019/2020 (cont)

## Desktop View

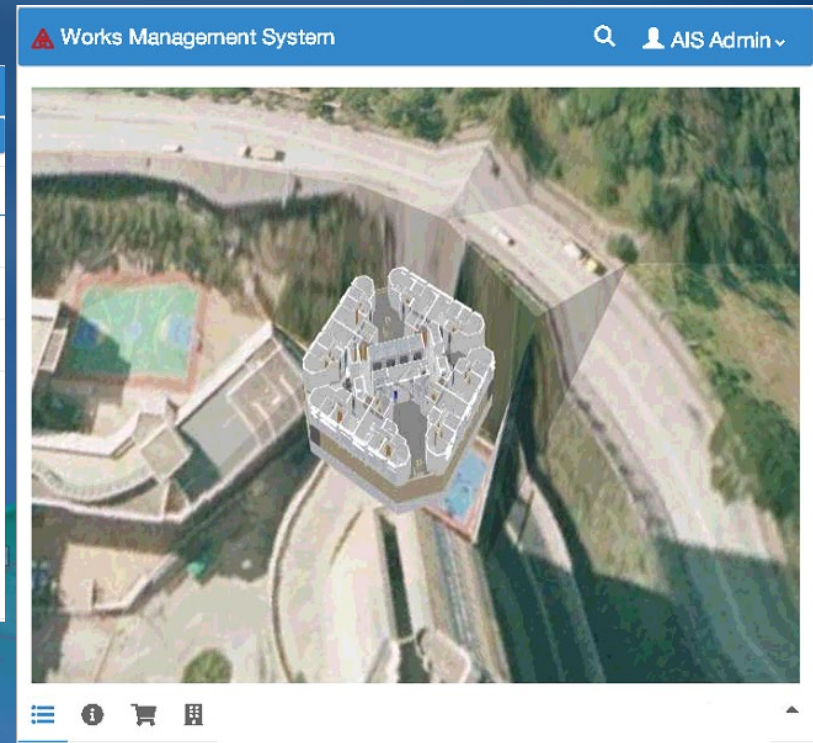
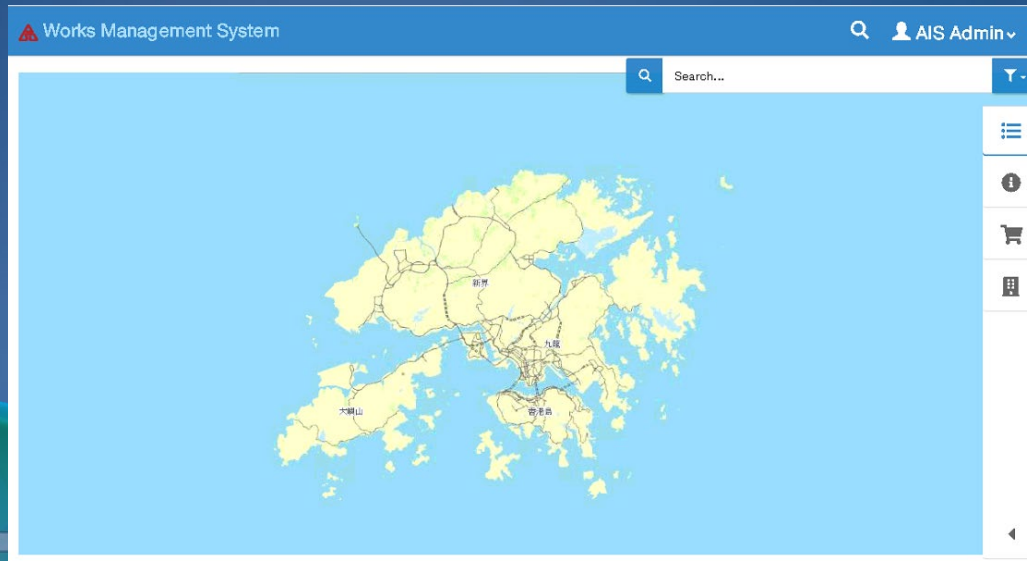


## Mobile View



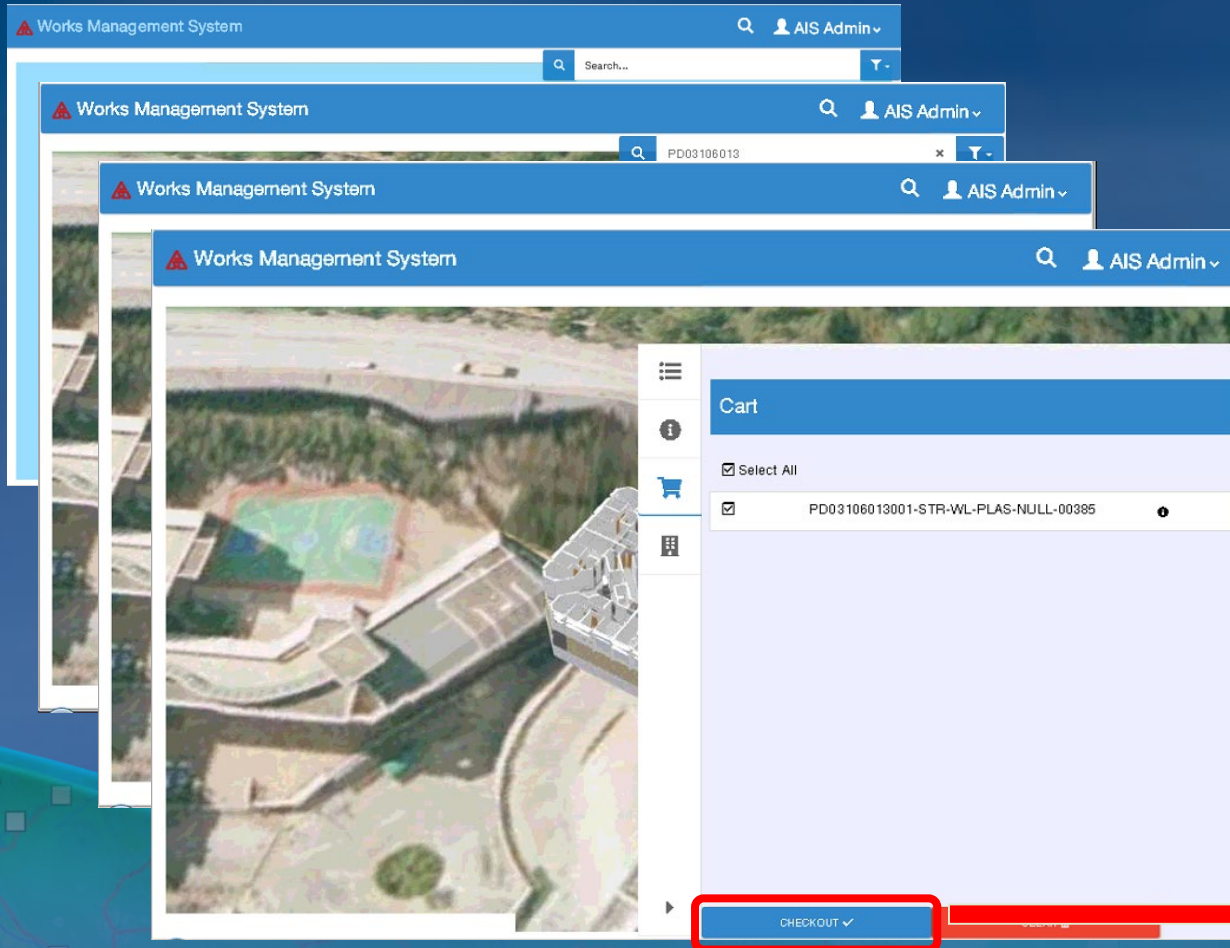
# Planned Functions in FY2019/2020 (cont)

- **Pilot Works Management System (WMS)**
  - Prepare maintenance/Inspection works order using BIM
  - Submit the works order to ACTION System for approval



# Planned Functions in FY2019/2020 (cont)

- Pilot Works Management System (WMS)

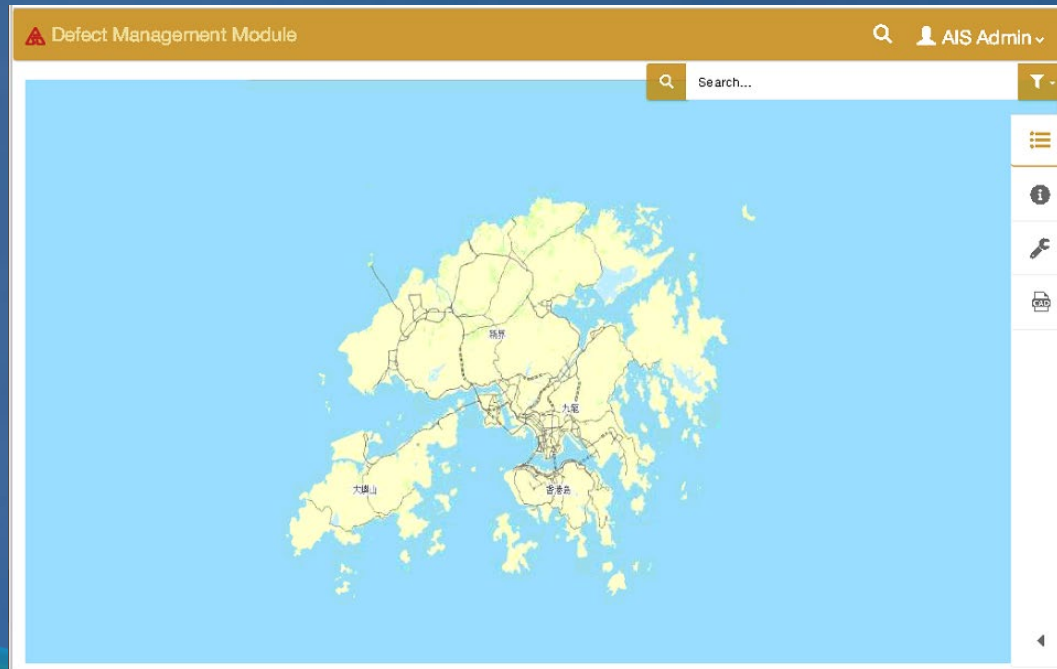


# Planned Functions in FY2019/2020 (cont)

- **Pilot Project Register (3004GX & 3101GX)**
  - Digitalize project initiation for project planning and management
  - Smart alert on same location to detect any project crushing
  - Fast checking / report generation on the project planning register
- **Interface with Tree Management Common Platform of Tree Management Office**
- **Estimated budget for FY2019/2020: HK\$ 2,320,860.00**  
**(excluding hardware & software cost)**

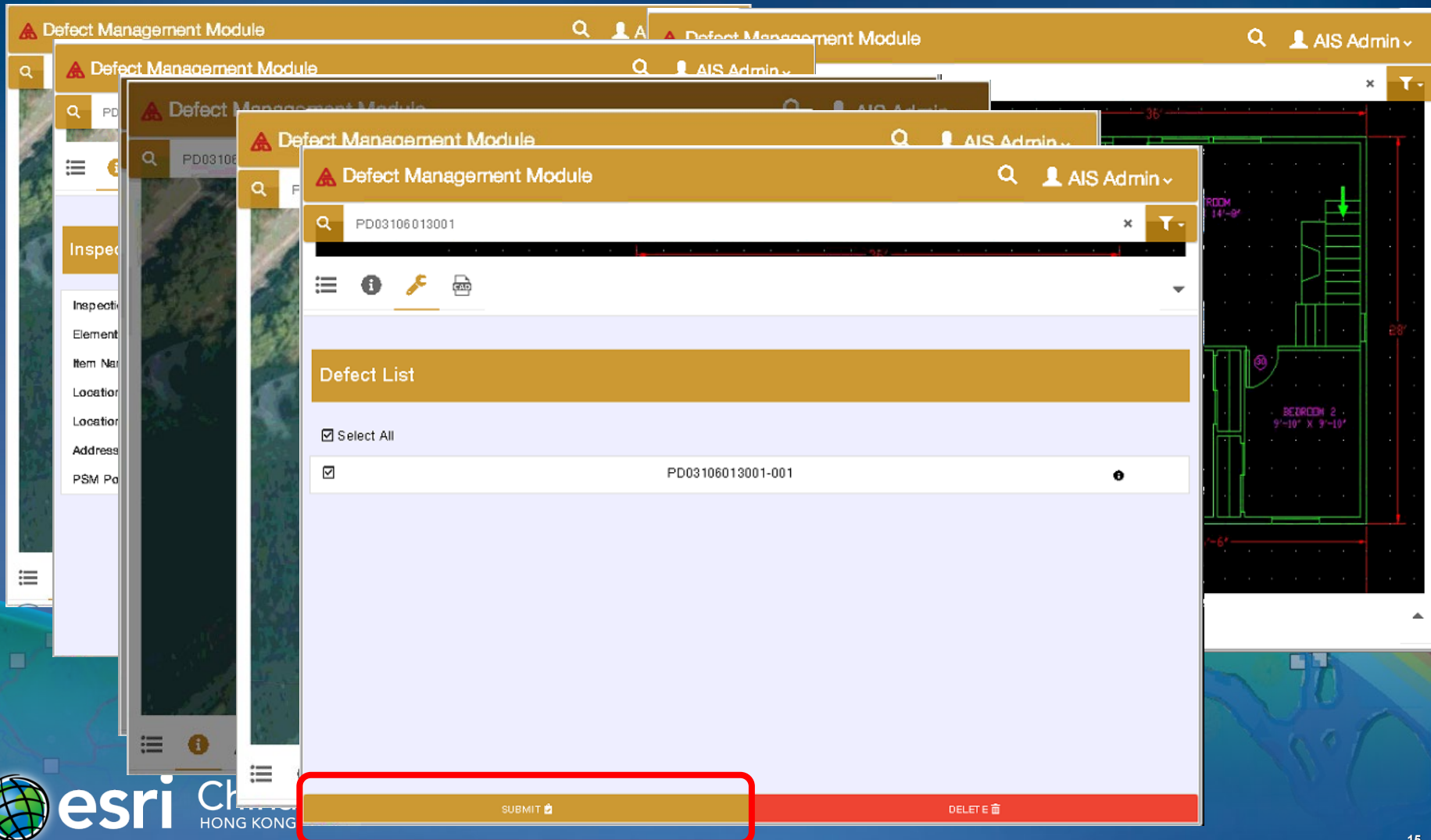
# Year 2020 onwards

- Common Platform of Building Inspection
  - Responsive user interface design
  - Interface and submit inspection to other systems



## Year 2020 onwards (cont)

## - Common Platform of Building Inspection



# Year 2020 onwards (cont)

- Full scale implementation of
  - Works Management System
  - Project Register
- More....

# Questions?



# Thank You!

