



ADOPTION OF SMART INITIATIVES IN DEVELOPING ANDERSON ROAD QUARRY SITE TOWARDS A SUSTAINABLE AND GREEN LIVING AREA

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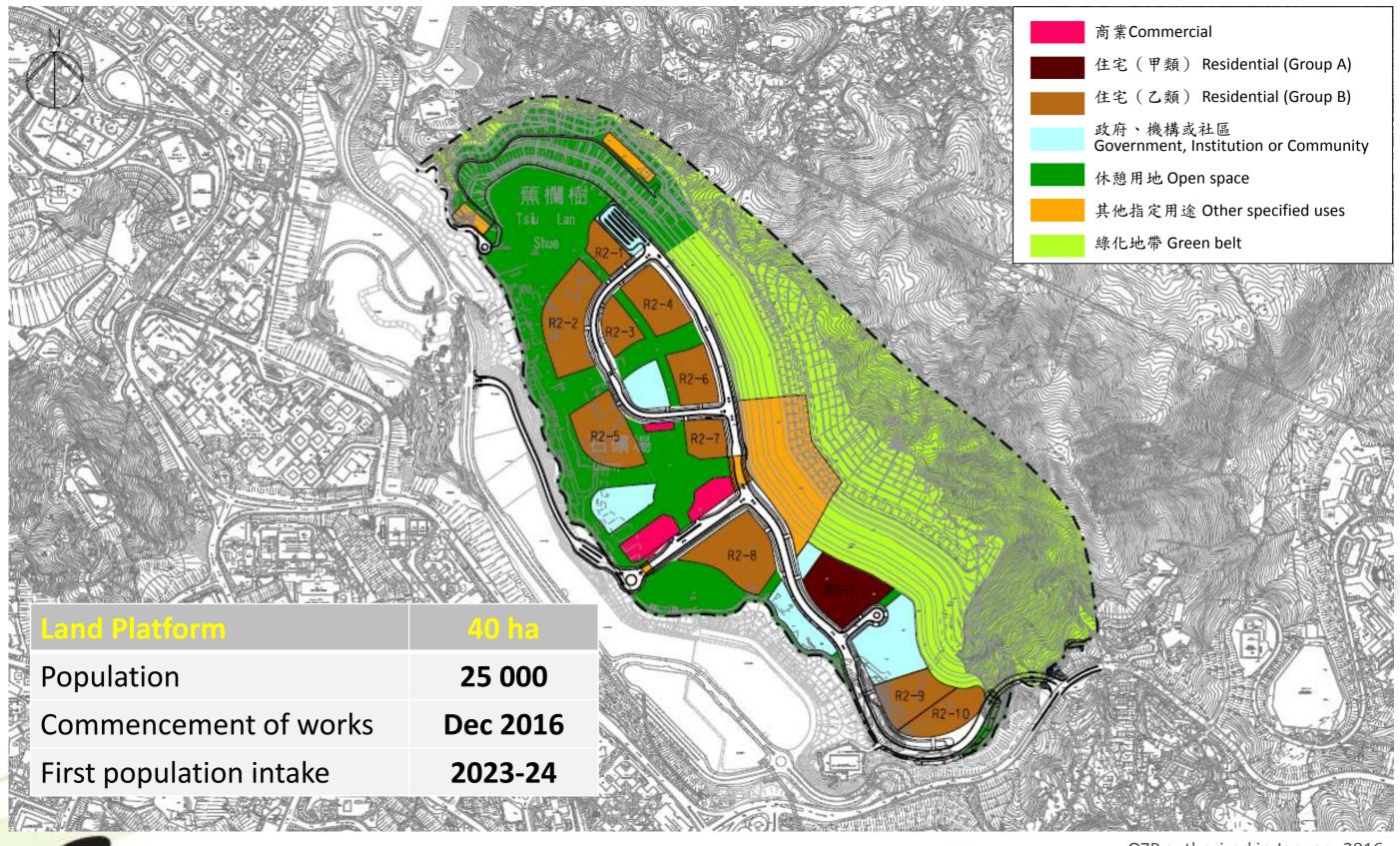


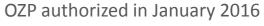




























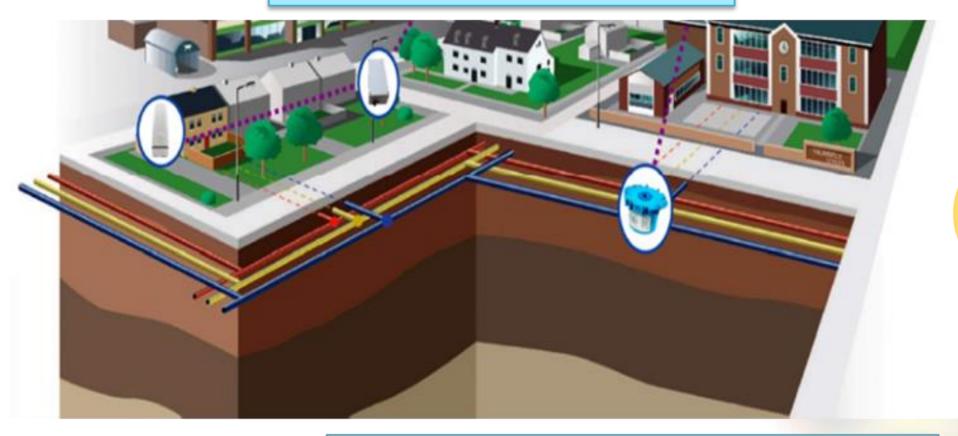






TWM - Automatic Meter Reading & Water Intelligent Network

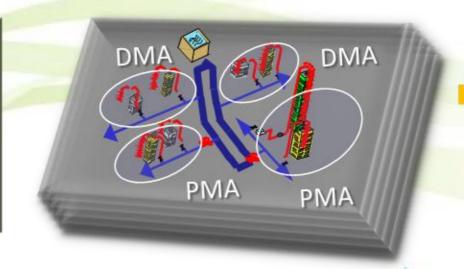
Automatic Meter Reading



- Water Conservation
- Water Supplies
 Management

Water Intelligent Network (WIN)

Water distribution network divided into 2000 District Metering Areas (DMA)/Pressure Management Areas (PMA)





Monitoring and sensing equipment















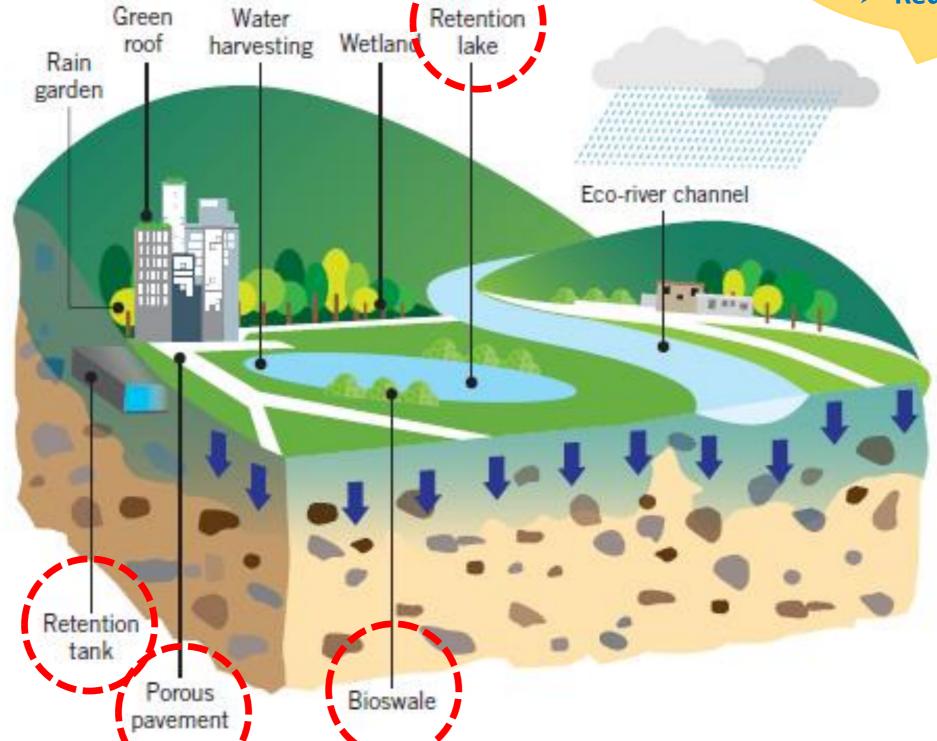




Low Impact Development (LID)

CONCEPT OF BLUE-GREEN INFRASTRUCTURE

- > Increase Unpaved Area and Infiltration
- Reduce Surface Runoff















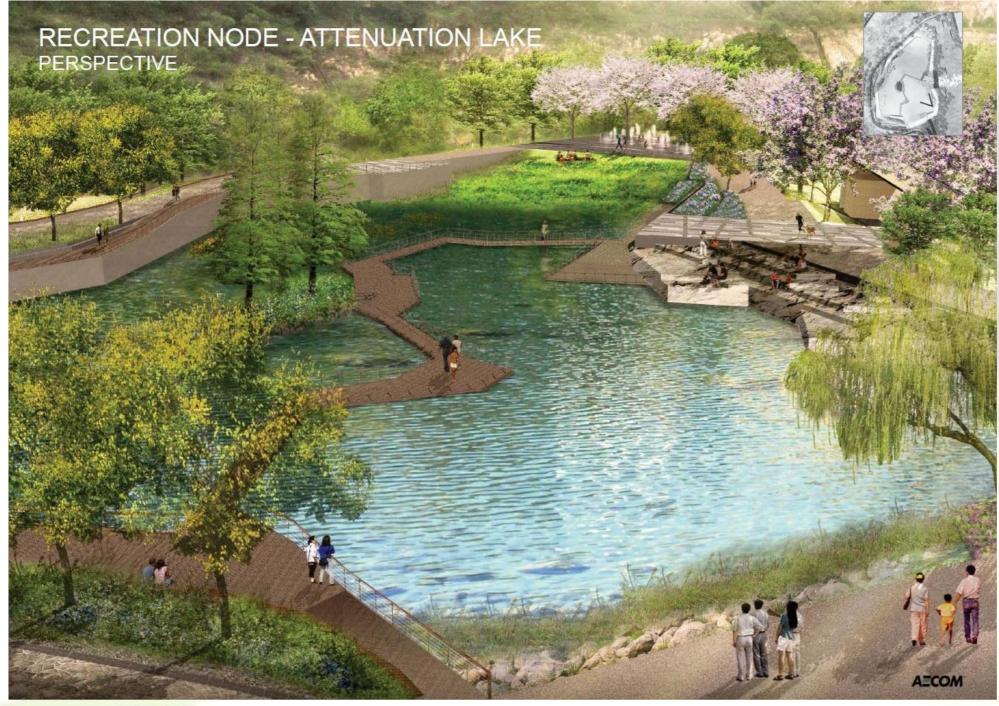








LID – Artificial Flood Attenuation Lake cum Park





























LID – Underground stormwater storage tank





















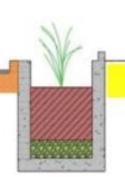
LID - Bioretention System ("Bio-swales")



Carriageway 行車路

Footpath 行人路

Carriageway 行車路



Footpath 行人路

Typical Cross Section of Roadside Gully

Typical Cross Section of Roadside Bio-swales













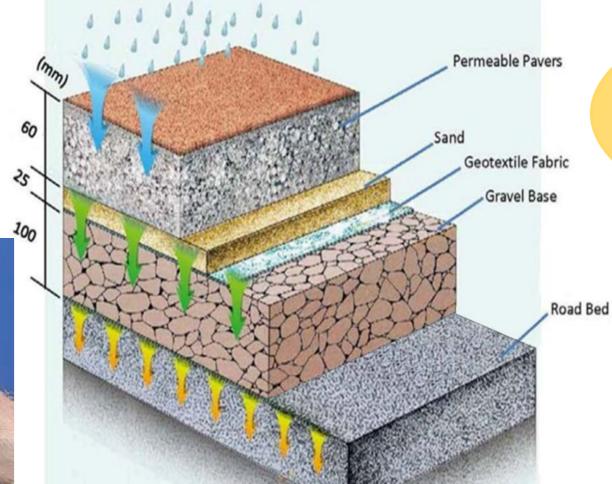








LID – Porous Pavement



- > Increase stormwater infiltration
- > Improve groundwater recharge
- Reduce ponding and heat island effect

























LID - Flood Control & Revitalizing Tsui Ping River























Smart energy

























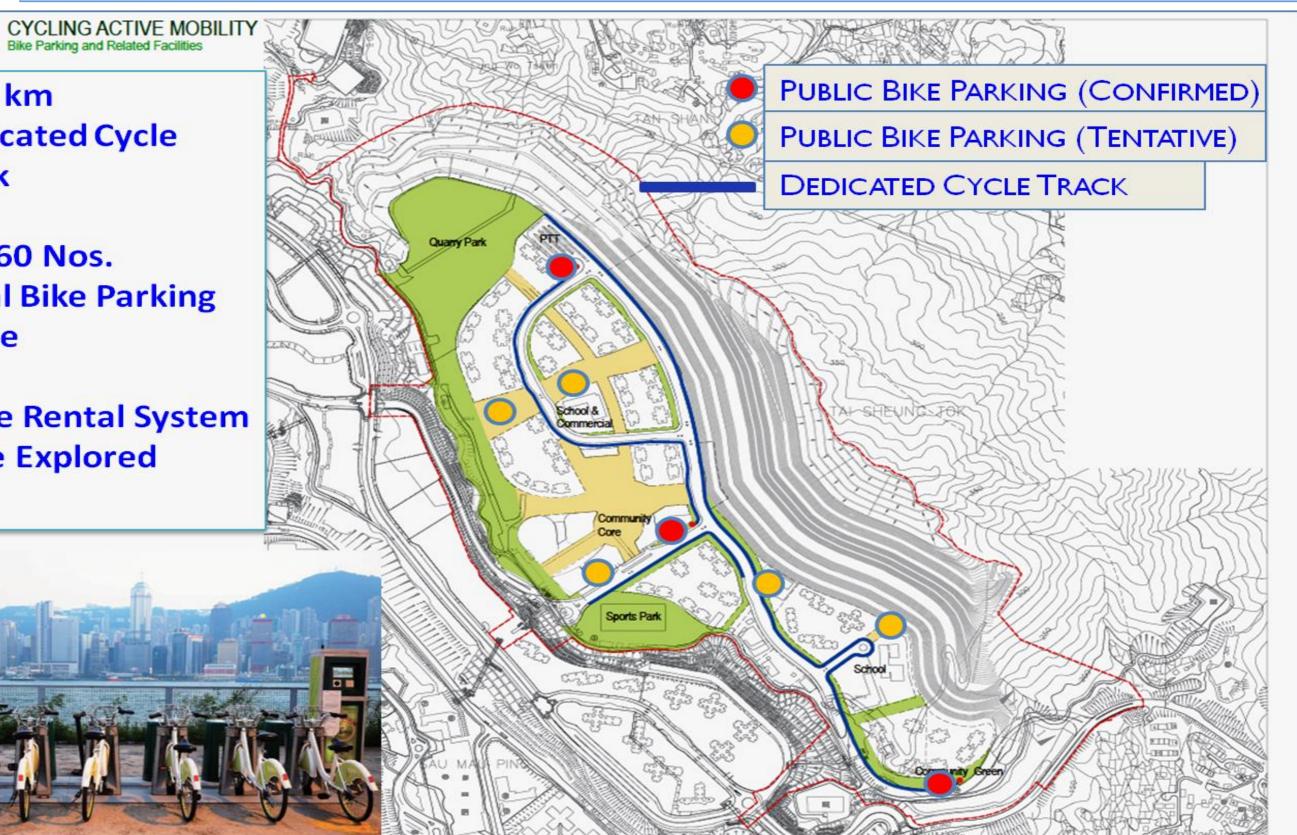


Smart mobility - Cycling Mobility

• 2.6 km **Dedicated Cycle** Track

• ~ 160 Nos. **Total Bike Parking Space**

 Bike Rental System to be Explored





單車租用系統 Bicycle rental system













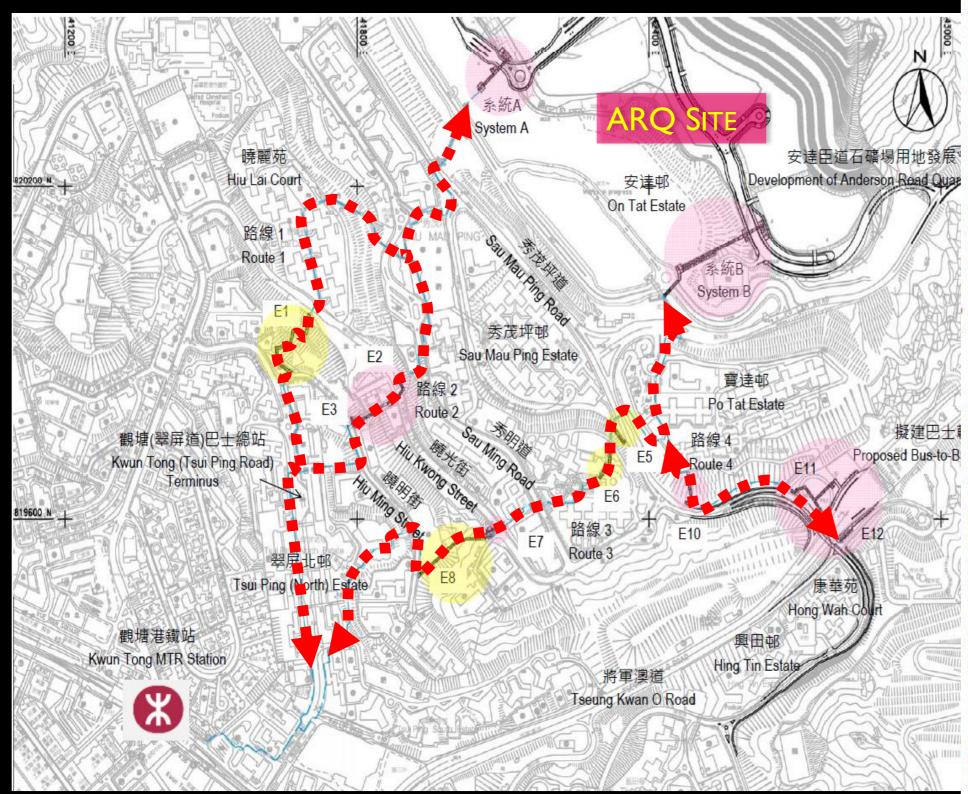




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Smart mobility - Pedestrian Mobility





Escalator























Conclusion 17



二零一七年施政報告 2017 Policy Address



"The Government is committed to developing Hong Kong into a smart city to enhance city management and improve people's livelihood....." Policy Address 2017



VM Workshop with stakeholders in project inception phase



Engaging the public in project delivery phase



Organisers:















































Thank you



















