



ENVIRONMENTAL PERFORMANCE

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Awards

Environmental Awards and Recognition

1 Hong Kong Awards for Environmental Excellence 2022



3 CIC Sustainable Construction Award



5 Considerate Contractors Site Award (CCSA)



4 Outstanding Environmental Management and Performance Award (OEMPA)



6 The Hong Kong Green Organisation Certification Scheme



1 Hong Kong Green Awards 2023



2 UNSDG Achievement Awards Hong Kong



Hong Kong Awards for Environmental Excellence 2022



We are glad to announce that our Department has been awarded the Certificate of Merit in Public and Community Services Sector under the Hong Kong Awards for Environmental Excellence (HKAEE) 2022. This esteemed award, organized by the Environmental Campaign Committee and the Environment and Ecology Bureau, and in conjunction with other nine local organizations, recognizes the achievements of the companies and organizations with outstanding performance in environmental management and sustainability practices.

We have all along been exploring and implementing various environmental initiatives in our public works projects and routine maintenance works for achieving sustainable development, such as LED replacement programme for the public lighting system, adopting innovative air purification system for tunnel ventilation system, recycling and upcycling of felled trees, etc. All these environmental initiatives have demonstrated our strong commitment to enhance community well-being while attaining sustainability.

Receiving the award is indeed a recognition for our ongoing efforts and commitment to environmental excellence. We are dedicated to continuing these initiatives and exploring new ways to contribute to the community development and the environment, pursuing a sustainable future for Hong Kong.

Awards

CIC Sustainable Construction Award

Construction Industry Council (CIC) introduced its first Sustainable Construction Award in 2018 and this award acknowledges exemplary sustainability practices among organizations and professionals, particularly focusing on the younger generation in the construction industry. In CIC Sustainable Construction Award 2023, the Highways Department received a Bronze Award and a Merit Award under the Project Owner (Public Sector) category for the innovative inclined lift system at Wo Tong Tsui Street and the Central Kowloon Route project respectively. Our contractor of Contract No. HY/2014/20 also received a Merit Award under the Contractor in New Works category.



Bronze Award - Project Owner (Public Sector)
Highways Department
by the Construction Industry Council



Merit Award - Project Owner (Public Sector)
Major Works Project Management Office,
Highways Department
by the Construction Industry Council



Merit Award - Contractor in New Works
Build King - SK ecoplant Joint Venture
by the Construction Industry Council
Contract No. HY/2014/20

Awards

Considerate Contractors Site Award (CCSA) and Outstanding Environmental Management and Performance Award (OEMPA)

As always, we have actively engaged in promoting construction site safety and environmental management practices through our participation in various campaigns, including the CCSA scheme. It was jointly organized by the Development Bureau and Construction Industry Council to recognize construction sites with good site safety and environmental performance, as well as considerate attitude towards the neighborhood and the public.

In 2023/24, our construction contracts received five CCSA and four OEMPA awards, including one Silver and four Merit Prizes from CCSA, and one Silver, one Bronze and two Merit Prizes from OEMPA. Furthermore, two of our subcontractors received the Model Subcontractor Award, including one Bronze and one Merit Prizes.



Winner of CCSA (New Works) Silver Prize and OEMPA Silver Prize

Contract No. HY/2020/07
"Widening of Castle Peak Road between Kwun Tsing Road and Hoi Wing Road"



Winner of CCSA (New Works) Merit Prize and OEMPA Bronze Prize

Contract No. HY/2019/13
"Central Kowloon Route – Buildings, Electrical and Mechanical Works"



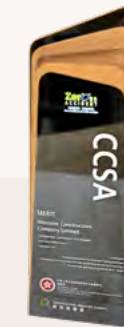
Winner of CCSA (New Works) Merit Prize and OEMPA Merit Prize

Contract No. HY/2018/02
"Central Kowloon Route – Kai Tak East"



Winner of CCSA (New Works) Merit Prize and OEMPA Merit Prize

Contract No. HY/2020/09
"Provision of Universal Accessibility Facilities at Footbridges, Elevated Walkways and Subways – Package 4 Contract 2"



Winner of CCSA (Repair, Maintenance, Alteration and Addition) Merit Prize

Contract No. 05/HY/2018
"Management and Maintenance of Expressways and High Speed Roads in New Territories, Kowloon East and Hong Kong Island 2019 – 2025"

Awards

OEMPA Silver Award



OEMPA Silver Award was granted to Contract No. HY/2020/07 for its excellent environmental performance. The contractor, in corporation with Hong Kong Chu Hai College, introduced an Internet of Things (IOT) air quality sensor to monitor the air quality nearby the construction site. In addition, movable noise enclosure was erected for road breaking works which could reduce the noise level by up to 20dB(A). To achieve sustainable development, solar powered LED light and electric vehicle were used to reduce carbon emissions. In addition, yard waste was delivered to Y-Park to promote recycling into useful materials. Moreover, recyclable items such as expired helmets was sent to GREEN@COMMUNITY (「綠在區區」) to reduce disposal at landfill.

Solar powered LED



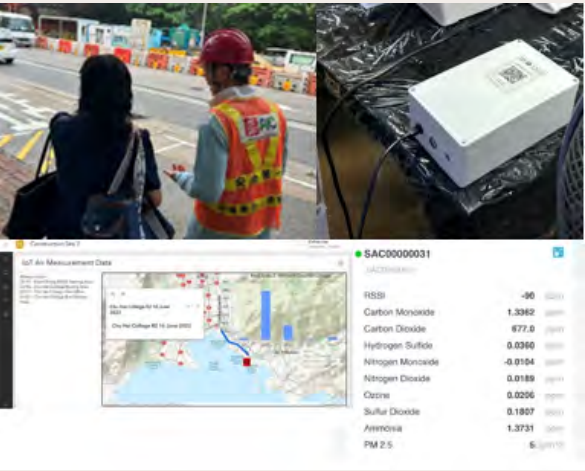
Electric vehicle



Movable noise enclosure



Internet of Things (IOT) air quality sensor



Awards

Environmental Promotion Campaign on Construction Site

We collaborate closely with our contractors to consistently enhance our environmental performance at project sites. We also encourage them to engage in a variety of environmental promotion campaigns and activities, such as the Hong Kong Green Organization Certification, Hong Kong Green Awards and United Nations Sustainable Development Goals (UNSDG) Achievement Awards Hong Kong.

The Hong Kong Green Organization Certification Scheme

The Hong Kong Green Organization Certification scheme motivates its members to pursue continuous improvement in particular environmental areas. The scheme includes two types of Environmental Labels, namely, Wastewi\$e and Energywi\$e Labels, which are granted to well-performing contractors in recognition of their efforts to reduce waste and save energy. In 2023/24, Contract Nos. HY/2018/08 and HY/2020/07 attained the Excellent Level and 07/HY/2021 attained the Good Level in Wastewi\$e Label. For Energywi\$e Label, Contract Nos. HY/2018/08 and HY/2020/07 attained the Excellent Level and 05/HY/2017 attained the Good Level.

Wastewi\$e Certificate

by the Hong Kong Green Organisation Certification scheme



Excellent Level
HY/2018/08



Excellent Level
HY/2020/07



Good Level
07/HY/2021

Energywi\$e Certificate

by the Hong Kong Green Organisation Certification scheme



Excellent Level
HY/2018/08



Excellent Level
HY/2020/07



Good Level
05/HY/2017

Awards

Hong Kong Green Awards 2023



The Hong Kong Green Awards, organized by the Green Council, is another prestigious environmental award in the construction industry, that acknowledges companies demonstrating outstanding achievements in green management and sustainable procurement. In Hong Kong Green Awards 2023, our Contract No. HY/2021/06 was granted Bronze Award in the category of Environmental, Health and Safety Award (Large Corporation).



Bronze Award
Environmental, Health and Safety Award
(Large Corporation)
by the Green Council
Contract No. HY/2021/06

UNSDG Achievement Awards Hong Kong

United Nations Sustainable Development Group (UNSDG) Achievement Awards Hong Kong

The UNSDG Achievement Awards Hong Kong is also organized by the Green Council, which recognizes organizations with exceptional performance on their business practices and sustainability projects that meet UNSDGs. Our Contract Nos. HY/2014/20 and HY/2020/07 were awarded as the Recognized Projects under UNSDG Achievement Awards Hong Kong 2023.



Recognised Project
UNSDG Achievement Awards 2023
by the Green Council
Contract No. HY/2014/20



Recognised Project
UNSDG Achievement Awards 2023
by the Green Council
Contract No. HY/2020/07



Environmental Objectives and Targets

Achievement in 2023/24

1.4.2023 – 31.3.2024

Objective	Target	Achievement (as at 31.3.2024)
Reducing the energy consumption in public lighting	To replace 14,000 lighting points with LED lights.	Replaced 23,200 lighting points with LED lights.
Saving electricity consumption in HyD Offices	To continue implementing housekeeping measures and best practices for energy saving.	Housekeeping measures and best practices for energy saving are being continuously implemented. Comparing with the baseline in 2018/19, electricity consumption of HyD offices in 2023/24 has achieved the saving target. The electricity consumption will be monitored closely with a view to achieving the 6% saving target by 2024/25.
Adopting measures in water conservation	To continue implementing measures in water conservation and exploring the appropriate installation of latest water saving devices in HyD offices.	Measures in water conservation are being adopted continuously.
Improving indoor air quality	To continue up-keeping the indoor air quality at or above Good Class level in HyD offices.	HyD offices' air quality attained the Excellent Class or Good Class.
Carrying out carbon audit and implementing measures to reduce greenhouse gas emission	To continue carrying out carbon audit annually. To explore energy conservation opportunities by identifying our major emission source from the carbon audit result.	Carbon audit was arranged by the Building Management Office of Ho Man Tin Government Offices in 2023/24.
Encouraging the use of recycled paper	To upkeep percentage usage of recycled paper at 98% or above of the total paper consumption.	All consumed papers were recycled paper.
Setting target in reducing photocopying paper consumption	To maintain the consumption of photocopying paper per staff member at a level not exceeding the consumption level of 2022/23.	The consumption of photocopying paper per staff member in 2023/24 was lower than the consumption level of 2022/23.
Promoting the wider use of recycled materials	To use paving blocks containing recycled glass materials for at least 98% of the newly laid concrete paving block pavements.	All of the newly laid paving block pavements used paving blocks containing recycled glass materials.
Reducing dust emission	To include a particular specification clause for dust emission reduction in all capital works contracts of MWPMO to be tendered during the year of 2023/24.	All 6 capital works contracts tendered in 2023/24 have included the dust emission reduction particular specification clause.

Environmental Objectives and Targets

Achievement in 2023/24

1.4.2023 – 31.3.2024

Objective	Target	Achievement (as at 31.3.2024)
Adopting site office equipment with energy saving labels and water efficiency labels	To include particular specification clauses for using site office equipment with energy saving labels and water consuming appliances with WSD water efficiency labels in all the Engineer's site offices (excluding those using existing premises) of capital works contracts of MWPMO to be tendered during the year of 2023/24.	All 3 applicable capital works contracts tendered in 2023/24 have included the particular specification clauses for using site office equipment with energy saving labels and water consuming appliances with WSD water efficiency labels.
Using environment-friendly vehicles in capital works projects	To procure at least two electric or hybrid electric vehicles of approved types under each capital works contract of MWPMO to be tendered during the year of 2023/24.	All 5 applicable capital works contracts tendered in 2023/24 have procured at least two electric or hybrid electric vehicles of approved types.
Adopting energy efficient features and renewable energy technologies	In all capital works consultancy agreements of MWPMO for which invitation to submit Technical and Fee Proposals during the year of 2023/24 to include requirements for the consultants: (i) to identify opportunities to utilize energy efficient features and renewable energy technologies; and (ii) to assess carbon footprint of the road work project during design stage with carbon assessment tool, such as "CIC Carbon Assessment Tool", and to provide recommendations on measures to reducing carbon footprint.	All 3 consultancy agreements tendered in 2023/24 have included the requirements (i) and (ii).
Green roof and/or green wall at the Engineer's site office	To include a particular specification clause for construction of green roof and/or green wall in all capital works contracts of MWPMO to be tendered during the year of 2023/24 with the Engineer's site office (excluding those using existing premises) exposed in sunlight.	All 2 applicable capital works contracts tendered in 2023/24 have included the particular specification clause for construction of green roof and/or green wall.
Promoting the use of renewable energy on highway structures	To install photovoltaic panels on existing and new highway structures.	PV panels have been installed on selected existing and new highway structures.
Encouraging the use of electric-powered plants/equipment in construction sites in capital works contracts	To use electric-powered plants/equipment in construction sites in capital works contracts of MWPMO and Works Division.	10 applicable capital works contracts have used electric-powered plants/equipment in construction sites.

Environmental Objectives and Targets

Looking Ahead
for 2024/25

1.4.2024 - 31.3.2025

Objective	Target
Reducing the energy consumption in public lighting	To replace 14,000 lighting points with LED lights.
Saving electricity consumption in HyD Offices	To continue implementing housekeeping measures and best practices for energy saving and to achieve the 6% saving target comparing with the baseline in 2018/19.
Adopting measures in water conservation	To continue implementing measures in water conservation and exploring the appropriate installation of latest water saving devices in HyD offices.
Improving indoor air quality	To continue upkeeping the indoor air quality at or above the Good Class level in HyD offices.
Carrying out carbon audit and implementing measures to reduce greenhouse gas emission	To continue carrying out carbon audit annually. To explore energy conservation opportunities by identifying our major emission source from the carbon audit result.
Encouraging the use of recycled paper in the Department	To upkeep percentage usage of recycled paper at 98% or above of the total paper consumption.
Setting target in reducing photocopying paper consumption	To maintain the consumption of photocopying paper per staff member at a level not exceeding the consumption level of 2023/24.
Promoting the wider use of recycled materials	To use paving blocks containing recycled glass materials for at least 98% of the newly laid concrete paving block pavements.
Reducing dust emission	To include a particular specification clause for dust emission reduction in capital works contracts to be tendered in 2024/25.

Environmental Objectives and Targets

Looking Ahead
for 2024/25

1.4.2024 - 31.3.2025

Objective	Target
Adopting site office equipment with energy saving labels and water efficiency labels	To include particular specification clauses for using site office equipment with energy saving labels and water consuming appliances with WSD water efficiency labels in site offices (excluding those using existing premises) of capital works contracts to be tendered in 2024/25.
Using environment-friendly vehicles in capital works projects	To procure at least two electric or hybrid electric vehicles of approved types under capital works contracts to be tendered in 2024/25.
Adopting energy efficient features and renewable energy technologies	In capital works consultancy agreements for which invitation to submit Technical and Fee Proposals in 2024/25 to include requirements for the consultants: (i) To identify opportunities to utilize energy efficient features and renewable energy technologies; and (ii) To assess carbon footprint of the road work project during design stage with carbon assessment tool, such as “CIC Carbon Assessment Tool”, and to provide recommendations on measures to reducing carbon footprint.
Green roof and/or green wall at the Engineer’s site office	To include a particular specification clause for construction of green roof and/or green wall in capital works contracts to be tendered in 2024/25 with site office (excluding those using existing premises) exposed in sunlight.
Promoting the use of renewable energy on highway structures	To install photovoltaic panels on suitable existing highway structures.
Encouraging the use of electric-powered plants/equipment in construction sites in capital works contracts	To use electric-powered plants/equipment in construction sites in capital works contracts.