



團隊背景 Background of the Team

團隊名稱 Team Name	龍門圈 Lung Mun Oasis	隊長 Team Leader	梁美珠 Mavis LEUNG			
成立日期 Date of Formation	二零一六年 2016	團隊 Team Members	黃振邦 Simon WONG	陳穎 Wing CHAN	梁嘉儀 Ben CHAN	李麗貞 Beelo LEUNG
業務單位 Business Unit	管業處 Management Office		陳家雄 Maggie LEE	梁諾恆 Ben CHAN	王健媚 Roy LEUNG	洪秀慧 Kimmy WONG
部門促進員 Team Facilitator	岑永基 Marco SUM		李尹清 Tracy TANG	鄧雅瑩 Cheong TANG	鄧鴻昌 Hung LAI	黎燦鴻 Ching LEE

環保防絆洗地喉 Eco-friendly LED Water Hose

項目背景

位於屯門的龍門居商舖林立，為減少日常清潔工作對商戶的影響，管業處於是安排在晚間清洗行人通道及街道。由於商舖街位置同時為屋苑主要出入通道，無法完全圍封進行清潔工作，當途人經過時，可能因未有注意路面情況而被水喉絆倒受傷。

雖然管業處會要求清潔承辦商安排人手提示途人，惟因人手有限，無法同一時間兼顧所有位置，絆倒的風險仍然存在。

Background of the Project

Located in Tuen Mun, Lung Mun Oasis is famous of its busy shopping street. To minimise the impact on business, the management office has scheduled walkway cleaning work at night. As the shopping street is also the main access of the estate, it cannot be fully enclosed for cleaning. Passers-by may be tripped over water pipes and get injured.

Although the management office requested the cleaning contractor to arrange extra manpower to remind passers-by, the risk of stumbling still exists because there is limited manpower to take care of the extensive area.

問題成因

- 洗地是日常清潔工作的必要工序，但屋苑內很多地方為連接通道或店舖，不能圍封進行清潔工作。
- 洗地喉放於地上經常移動，途人一不留神可能會被洗地喉絆倒。

Causes of the Problem

- Walkway cleaning is a necessary process for daily cleaning work, but many parts of the estate are connected with access roads or shops, they cannot be enclosed for cleaning.
- Water pipes keep moving on the ground and passers-by may trip over them by accident.

解決方法

- 於現有水喉上加上 LED 燈條，接駁洗地喉龍頭及高壓清洗機，以水力發電推動 LED 燈條，提高警示性，減低絆倒風險。
- LED 燈條較耐用及輕便，低成本但有高效果，以有限資源製作出「環保防絆洗地喉」。

Solutions

- Tying LED strips to water pipes and connect them with power cord and hi-jet cleaner. The glowing water pipes would be more visible so that passers-by would not trip over them.
- The durable and light-weighted LED strips help achieving a low-cost but highly effective solution.

成果及效益

- 使用裝有 LED 燈條的水喉洗地，即使在晚間天色昏暗時份，途人亦可清楚看見水喉，減少絆倒意外。
- 無需額外人手提示途人，多出的保安人手可調派往其他崗位，提升保安服務質素。
- 減少不必要用電，支持環保。
- 提升屋苑的管理質素及公司專業形象。
- 獲法團及居民讚賞。
- 對員工的創新概念獲得肯定。

Achievements & Benefits

- LED water pipes are visible in the dark so that passers-by would not trip over them.
- No extra manpower is required to remind passers-by and those manpower can be redeployed to other posts to enhance security services.
- Reduce unnecessary electricity consumption which is good for our environment.
- Improve the management quality of the estate and corporate image.
- Appreciated by the Incorporated Owners and residents.
- Staff got recognition for innovative idea.

