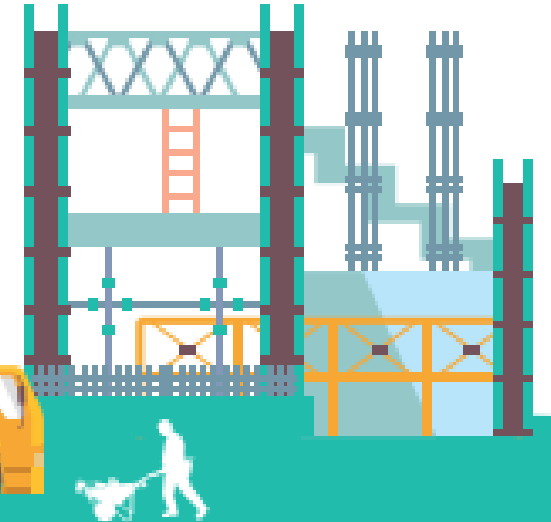


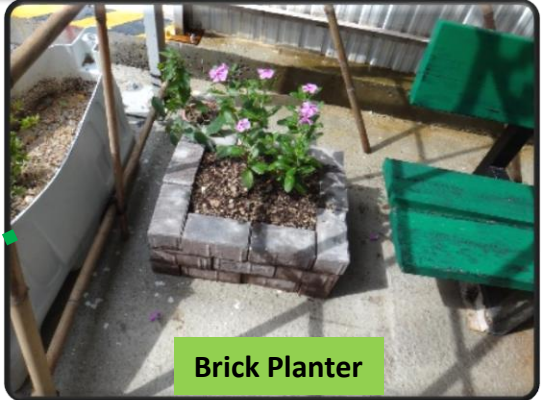
# Green Contractor Gold Award 2017

**Contract No. SS E509**  
**Construction of Sports Centre, Community Hall and**  
**Football Pitches in Area 1, Tai Po**

**Contract No. SS E517**  
**Construction of a 30-classroom Secondary School at**  
**Site 1A-2, Kai Tak Development**



# Greenery Worker rest area



# Material Saving

## Recycle of waste-materials



Recycle of waste-Safety Helmet



Recycle of waste-cardboard



Recycle of waste-paper



Concrete to Green Valley Landfill Ltd for reuse/ recycle



Recycling of used tonner



Reuse of 1 side paper

# Material Saving

Broken on-site concrete for backfilling

G200 stockpile from government Fill Bank for back filling



Save 80 trucks of concrete

Save 180 trucks of carbon emission

THE GOVERNMENT OF THE HKSAR FILL BANK AT TSEUNG KWAN O AREA 137 TRANSACTION RECORD 香港特別行政區政府將軍澳第137區填料庫交收記錄			
Date: 日期	18-May-2017	Trans. Ref. No.: 備考號碼	1465748
Vehicle No.: 車輛登記號碼	SB4031	Classifying Label: 車輛標識類別	
Time In: 進入時間	08:23:03	Time Out: 離開時間	08:34:03
Source of Material: 物料來源地	G200 Stockpile (A4)	Type of Material: 物料類別	G200
Contract No.: 工程合約編號		DDF Serial No.: 運載記錄票編號	
Weight In (tonne): 入載重量 (公噸)	13.80	Weight Out (tonne): 出載重量 (公噸)	29.61
Net Vehicle Load (tonne): 物料淨重量 (公噸)	-15.71	Charged Load (tonne): 收費重量 (公噸)	0.0
Amount (HK\$): 總數 (港幣)	0.00	Account No.: 帳戶編號	
Chit No.: 記帳單編號			
Remarks: 備註			
<b>REASONS FOR REJECTING</b>		<b>拒退原因一覽表</b>	
R1: Unsuitable Material	R1: 物料不符合要求	R2: Overloaded	R2: 超載
R3: Invalid Dumping Licence	R3: 無有效卸泥執照	R4: Unmatched DDF Information	R4: 運載記錄票資料不符
R5: Suspended/Invalid Chit Account	R5: 記帳戶已暫停/無效	R6: Suspended VRM Account	R6: VRM 帳戶已暫停
R7: Others	R7: 其它		

\*This is not a formal record of payment. All information is subject to final verification.  
此記錄並非正式收費收據，所有資料須經最後審核方可作實。

# Material Saving

## Pre-cast concrete



**Pre-cast UU channel  
to reduce wastage**



**Pre-cast hard paving to  
reduce the dust emission**



# Energy Saving



Solar energy for moveable workers rest area



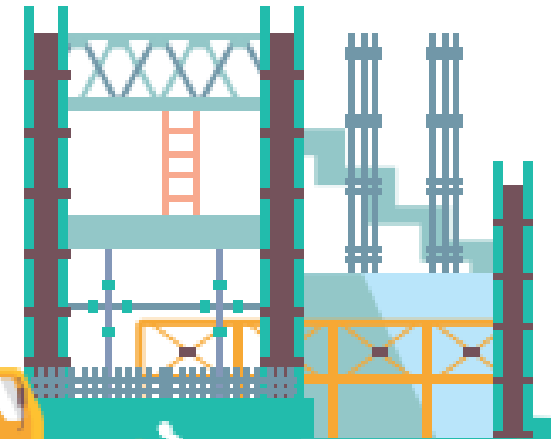
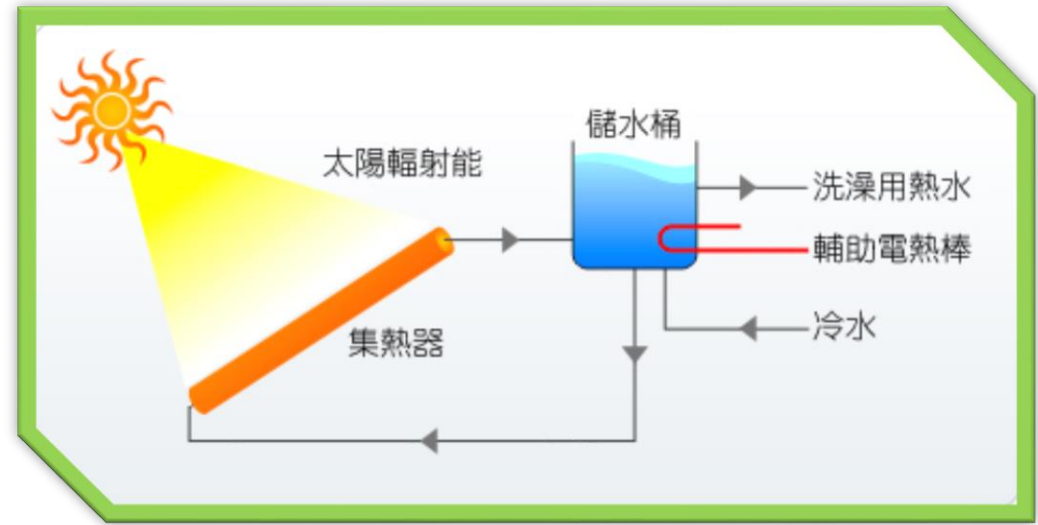
Solar energy for Fan provided on the top of moveable workers rest area

Solar energy for Mobile Charger



# Energy Saving

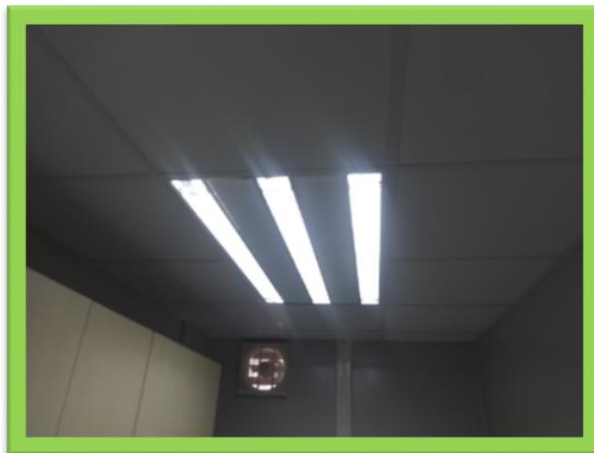
## Solar Water Heater



# Energy Saving



Natural Light



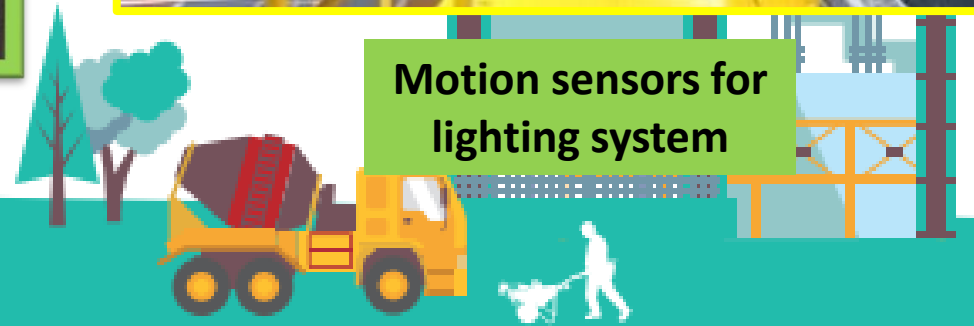
LED Lighting



Solar Motion  
Sensor LED Light



Motion sensors for  
lighting system



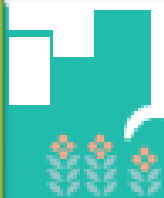
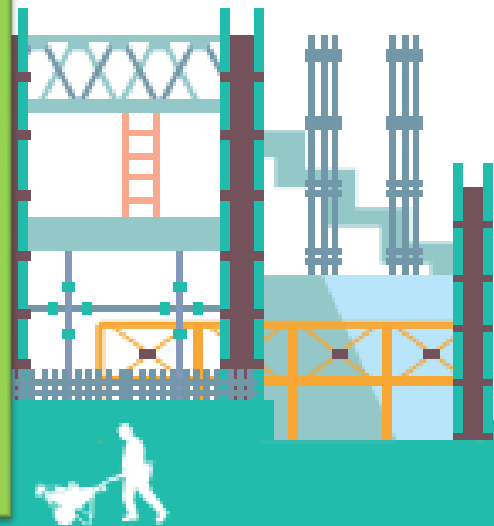


# Water Saving

REUSE



*Using Underground water for floor washing*



# Water Saving

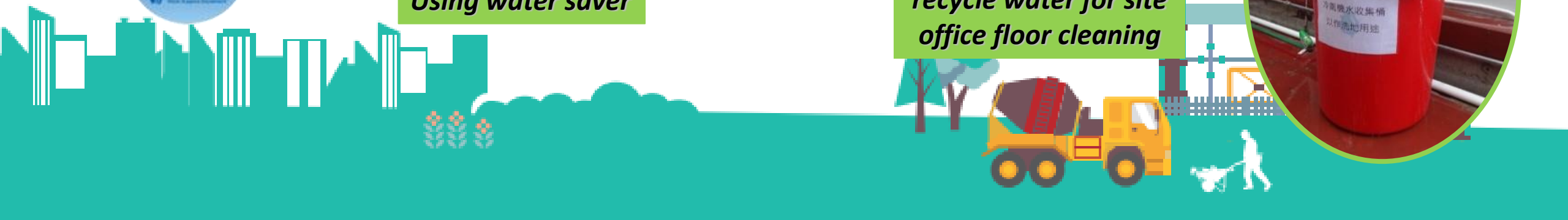


*Using water saver*



*Using recycle water for shoes cleaning bath*

*Using air-conditioner recycle water for site office floor cleaning*

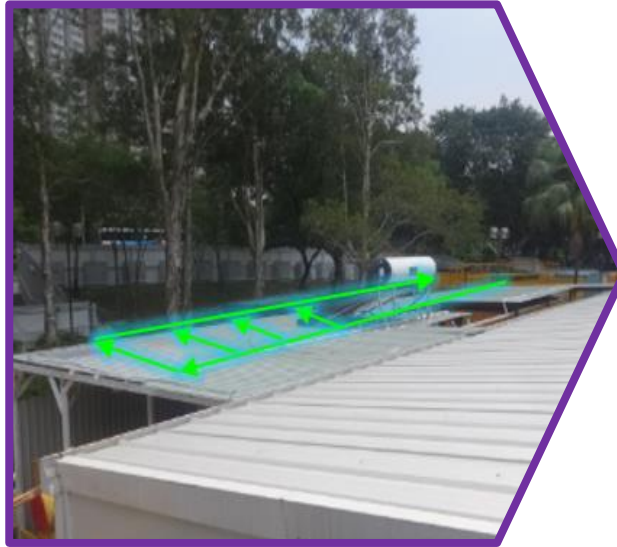


# Water Saving

## Water recycle cooling system



1



2



3



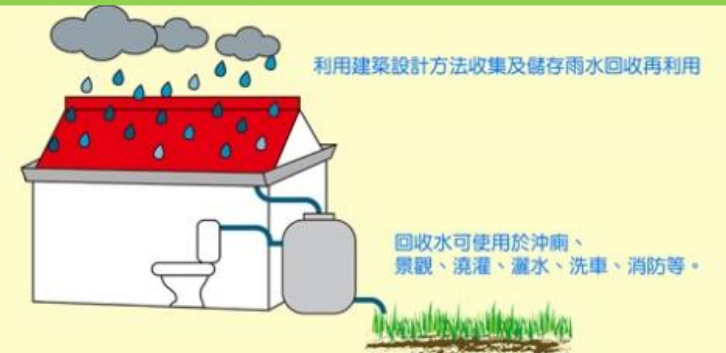
4

*The cooling system can use rainwater or recycled water. Water pump will feed water to the cooling system whereby water, acting as a coolant, run through the roof to reduce solar heat load of the container. After Absorbing heat on the roof, the water will then be collected.*

# Water Saving

## Reuse of rain water and air conditioner water

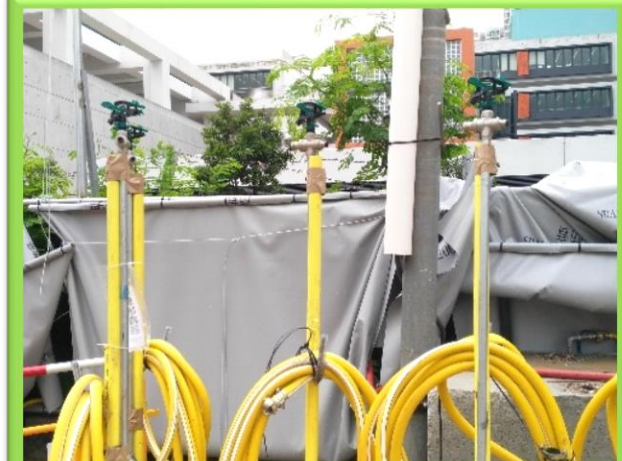
Raining



Reuse of rain water and air conditioner water  
for flushing toilet

Reuse of air conditioner water drop : Save  
water 700L/day in summer

# Air Pollution Control



**Water Spraying System for dust suppression**



# Air Pollution Control

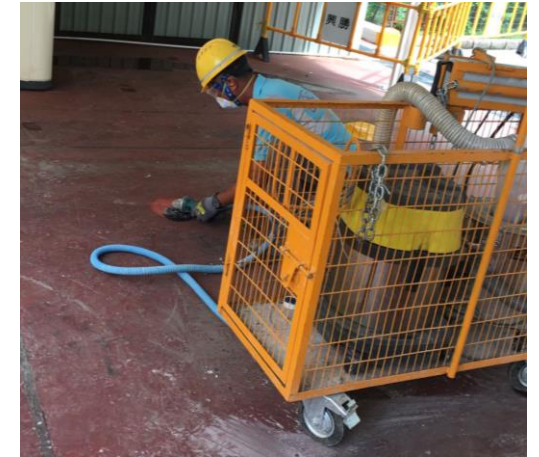


**Wash every vehicle to remove dusty materials before leaving the site**

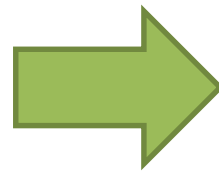


# Air Pollution Control

## Tailor-made vacuum cleaning device for grinder



Without cleaning device



With cleaning device



# Air Pollution Control

## Non-electrical cleaning device



2



3



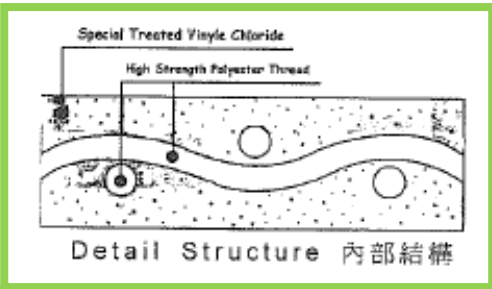
4



*The cleaning device is manually operated and no electricity is required.  
This is especially useful for site with hard-paved areas.*



# Noise Pollution Control



Sound Insulation Sheets

Moveable Noise Barrier



# Use of Cordless Tools

- Provision of *cordless tool battery charger* cage for subcontractors.
- Provision of rechargeable cordless tool for workers.
- Request all sub-contractor to use cordless tool.



# Being Considerate of Neighborhood & Passers-by

## Conduct activities with neighboring school

- Parent-Child Reading Club – Real-Man Library
- Project Introduction
- Arts folders
- Volunteer Service
- Campus TV



Voluntary renovation / renewal work had been arranged for the neighbor school during their summer holiday

Thank you!

