



# MiC - More Environmental-friendly



**REDUCE**

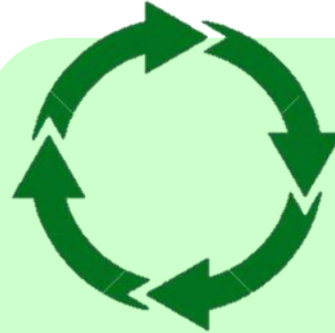
Water

Noise

Air Pollution

Waste Generation

Construction Material



**REUSE**

Watertight & Flooding Test  
Water

Protection Material

# Site Greening



Reuse wooden pallets and plastic bottles to make green walls



Site Farm • Self-Sufficient



All flower troughs purchased are made of recycled plastic



Giant green wall  
Bring energy to construction site



# Mosquito Control

## Operation Team



Establish anti-mosquito team



Fogging operation Twice/Week

## Facilities & Supporting



New anti-mosquito system (IN2CARE)

The first construction site in Hong Kong to use



Solar mosquito killing lamp



# Reused Aluminum Cans Roof

(Heat Reflection Cooling)



Aluminum cans have high reflection rate to improve air conditioning efficiency



Reused aluminum cans arranged to container site office



# Mobile Active Carbon Filter



## Design - 1



Active carbon sponge and honeycomb activated carbon filter are inside the device. Air pollutants were filled by active carbons. (included TSP, RSP, SO<sub>2</sub>, NO<sub>x</sub>, etc.)

Instill to generators/  
Excavators exhaust vent

Active Carbon  
Filter



Active carbon  
sponge



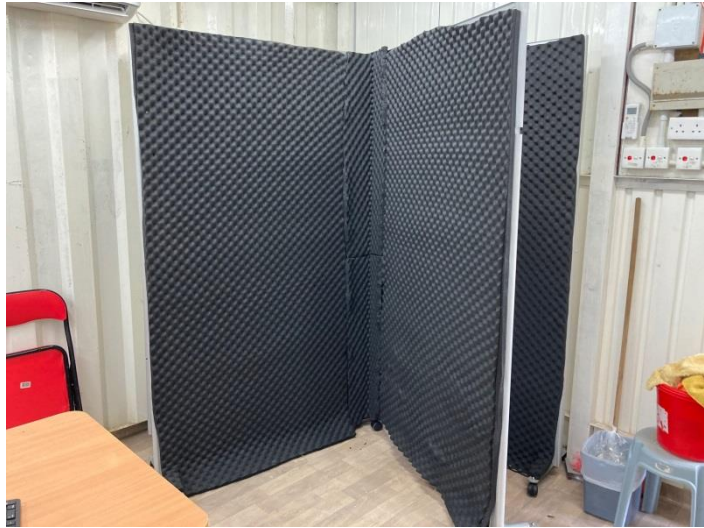
Honeycomb  
activated carbon  
filter



## Design - 2



# Mobile Noise Absorbed Barrier



Movable

Effective

Light weight

Easy  
installation



# Real Time EM&A Device



Sensor installed near by ASR/NSR



Display to public

Real time monitoring PM<sub>10</sub>, PM<sub>2.5</sub> and sound level



# Water Recycling System



Use the natural river water as cleaning purpose

Reuse treated water for wheel washing



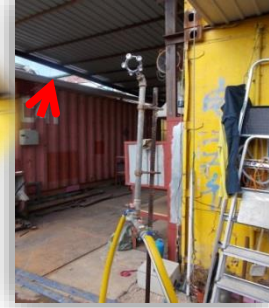
Rainwater harvesting system at site office for cleaning purpose







# Mobile Recycle Facility and Reuse of Materials



Reuse of waste metal as dust suppression facilities



Daily collect plastic, cans and rubbish carry out by workers



Reuse of waste metal and timber as table and chair