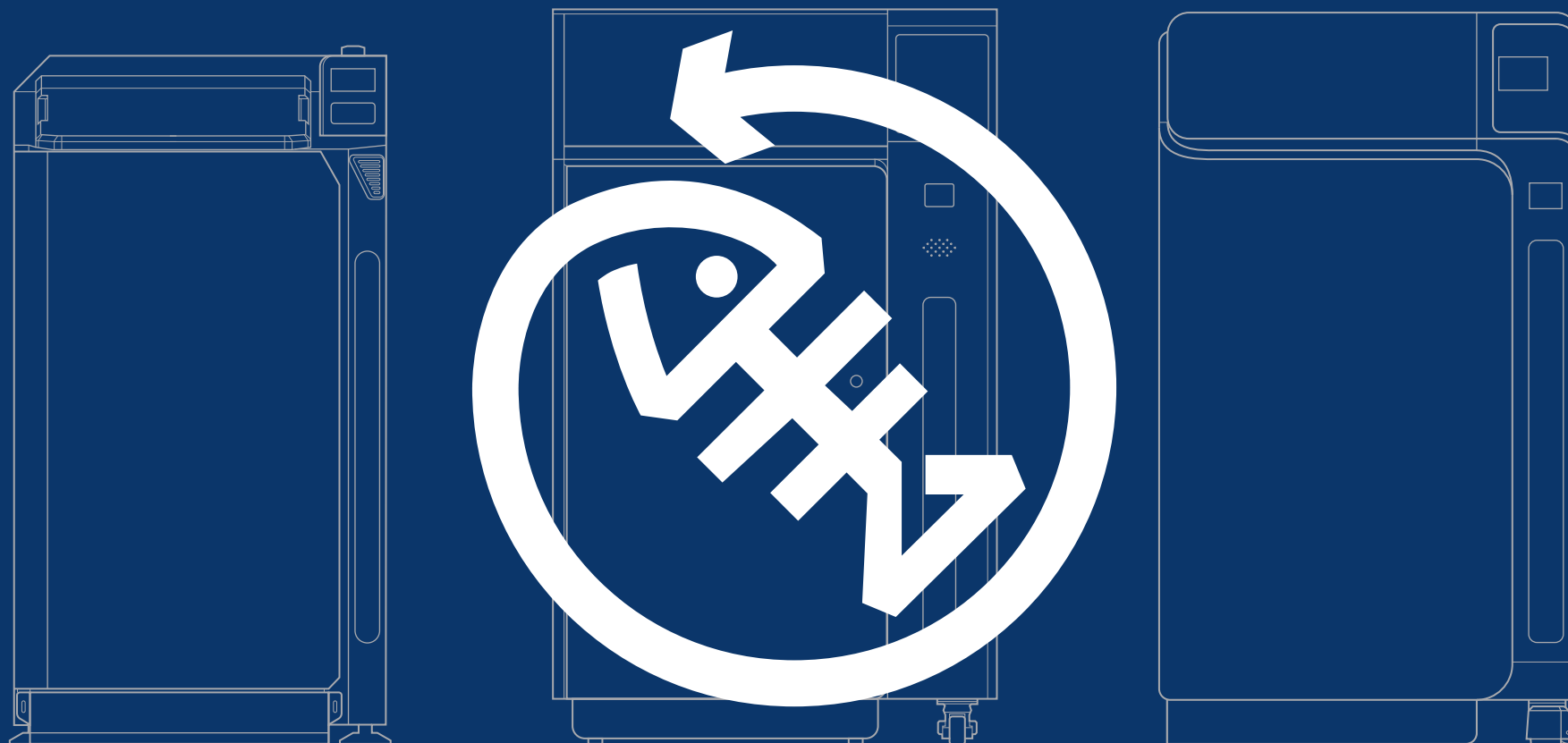


Design Specification for the wrapping of FWSB

Food Waste Smart Bin

Surface Graphic Design Specifications



For unifying the image of the Food Waste Smart Bins, all surface graphics on the bins are standardized and should be designed, produced and mapped based on the following specifications. The specifications are divided into two sections:

Surface graphic design specifications

Using four smart bin models (Be Green, Cornerstone, Pair and AI CAT) as examples to illustrate the basic specifications and neccessary variations according to different models of smart bin.

Surface graphic artwork index

A table to show all the surface graphic included in the artwork package for adaptation.

Table of Contents

Surface graphic design specifications

Front Panel

- 1. Food Waste Title Lockup
- 2. Food Waste Logo

Side Panels

- 3. Endorsement Logo Lockups
- 4. Pull Sign on Tray
- 5. Tray Title Lockup

Top Panel — Cover

- 6. Operation Hours Lockup
- 7. Recycling Steps Lockup

Top Panel — Screen Casing Panel

- 8. Green\$ App Download QR Code Bubble Sticker
- 9. Green\$ App QR Code Scanning Lockup
- 10. Bin Number and Hotline Information Lockup (Editable)

Surface graphic artwork index

Front Panel

Panel Surface Colour

Powder Coating in Pantone Cool Gray 3C

① Food Waste Title Lockup

Graphic Size 107mm(h) x 221mm(w)
Position Top left hand corner of the **Front Panel** and 110mm below the top edge of the panel.
Distance from the left varies for different models of smart bin. Please refer to the examples on the right for reference.

Colour K80 (Pantone Cool Gray 10C)
Production Inkjet on matt white sticker and computer cut-out lettering

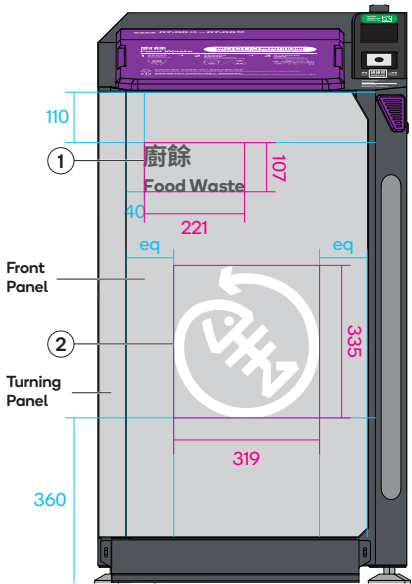
② Food Waste Icon

Graphic Size 335mm(h) x 319mm(w)
Position 360mm above the ground, and horizontally centered with the **Front Panel** (Ignore turning part on the left, if any. For rounded edge, visually centered with the panel).
Colour Matte white
Production Computer cut-out icon in matte white sticker

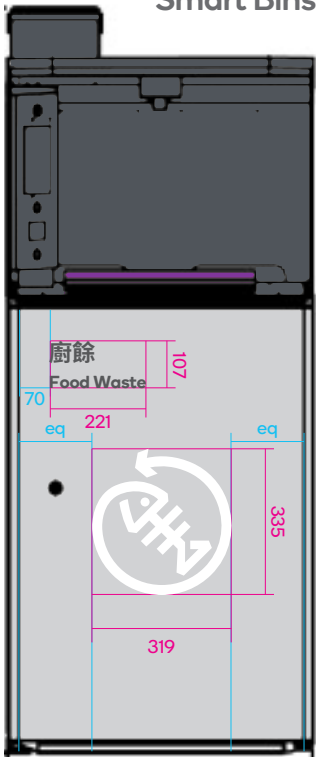
Legend

Measurement unit: mm — Graphic Alignments — Sticker Dimensions

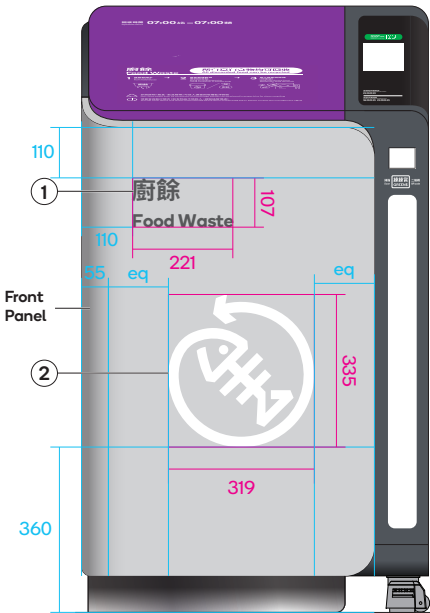
Pair



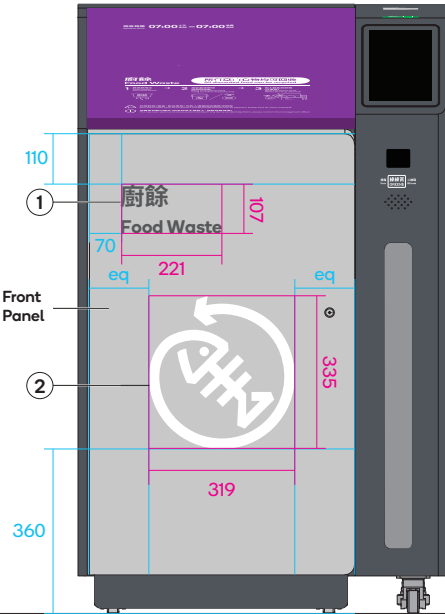
AI CAT



Cornerstone



Be Green



Food Waste Smart Bin Surface Graphic Design Specifications

Side Panels

Panel Surface Colour

Powder Coating in Pantone Cool Gray 11C

③ Endorsement Logo Lockups

| | |
|--------------|---|
| Graphic Size | Measured by the height and width of the lockup. Always keeping the same size for both Side Panels . |
| Position | Align 230mm above the ground, and horizontally centered with the Side Panel . If the top of the lockup reach above 535mm from the ground, scale down the size of the lockup to fit between the height of 230mm and 535mm from the ground (see Pair example). |
| Colour | <input type="checkbox"/> Opaque White |
| Production | Inkjet on UV super clear transparent sticker with protective coating and computer cut round corners. |
| Remarks | <i>The sequence of endorsement logos should be arranged in this order:</i> 1. Organized by: The Environmental Campaign Committee (Always remains on top of other endorsement logos) 2. Funded by: Environment and Conservation Fund 3. Supported by: EPD and GREEN\$ |

④ Pull Sign on Tray (Applicable for smart bin with side tray)

| | |
|--------------|--|
| Graphic Size | 50mm(h) x 32mm(w) |
| Position | 35mm below the top and 35mm from the right edge of the Tray Panel . |
| Colour | <input type="checkbox"/> Opaque White |
| Production | Inkjet on UV super clear transparent sticker with protective coating and computer cut round corners. |

⑤ Tray Title Lockup (Applicable for smart bin with side tray)

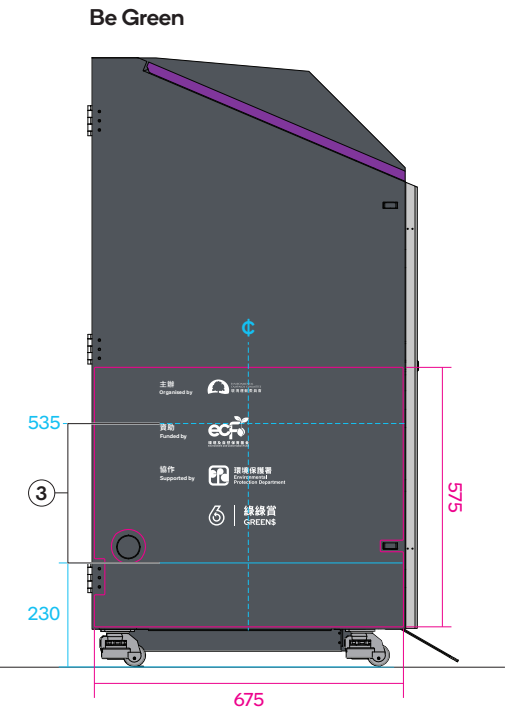
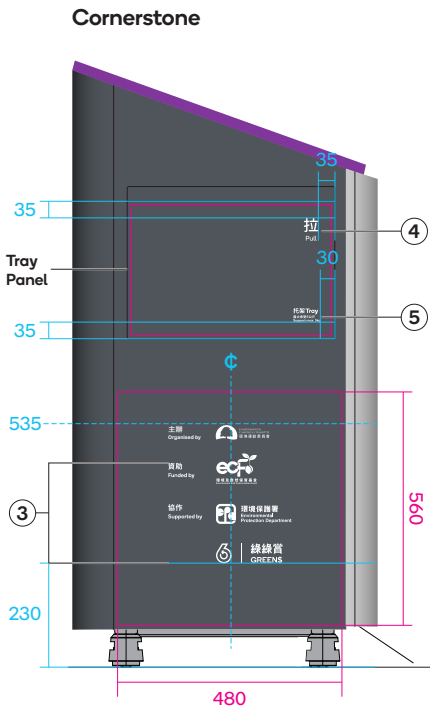
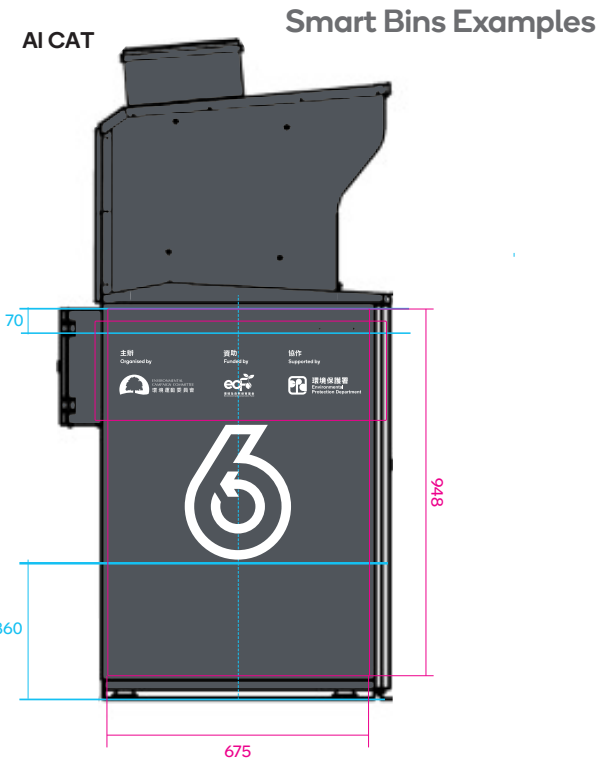
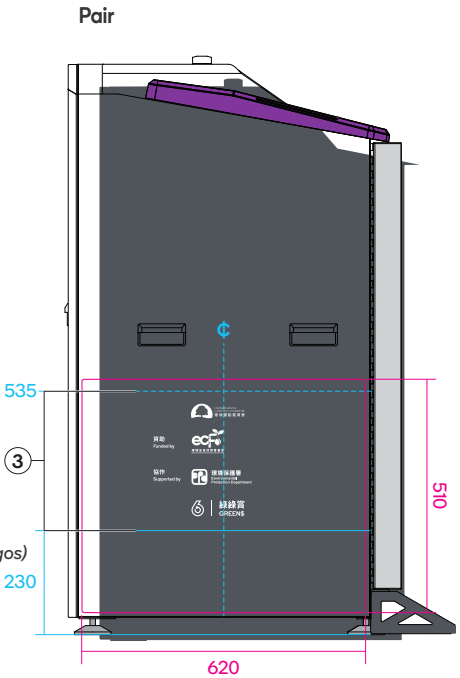
| | |
|--------------|--|
| Graphic Size | 32mm(h) x 60mm(w) |
| Position | 35mm below the bottom and 30mm from the right edge of the Tray Panel . |
| Colour | <input type="checkbox"/> Opaque White |
| Production | Inkjet on UV super clear transparent sticker with protective coating and computer cut round corners. |

Legend

Measurement unit: mm — Graphic Alignments — Sticker Dimensions

Remarks on Sticker Positioning

The size of each sticker is slightly smaller to the surrounding edges. The margins between the sticker and surrounding edges should be evenly distributed when positioning the sticker.



Top Panel — Cover

Panel (excluding Cover)

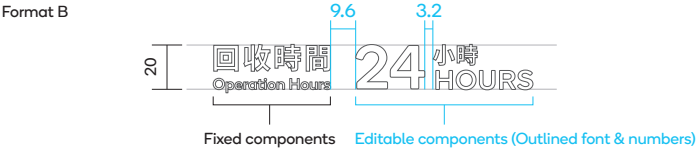
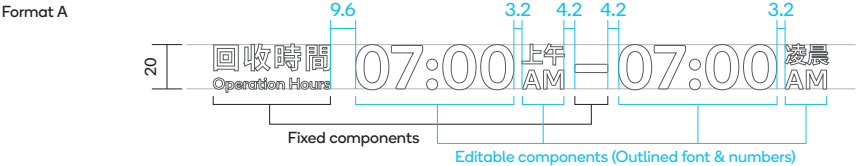
Powder Coating in Pantone Cool Gray 11C

Cover

Powder Coating in Pantone 2593C

⑥ Operation Hours Lockup (Editable components)

- Graphic Size 20mm, measured by the height of the lockup
- Position 0.15X below the top edge of Top Cover, and aligned left with Sorting Information Lockup
- Colour Opaque White
- Production Inkjet on UV super clear transparent sticker with protective coating and computer cut round corners.
- Remarks Supplier shall update the information according to individual project with provided outlined fonts



⑦ Recycling Steps Lockup

- Colour Lettering and graphics in Opaque White
- QR code in K80 (Pantone Cool Gray 10C) on an opaque white square background
- Production Inkjet on UV super clear transparent sticker with protective coating and computer cut round corners.
- Remarks Food Waste Source Separation QR Code shall be directed to http://www.foodwasterecycling.hk/sourceseparation_tips/

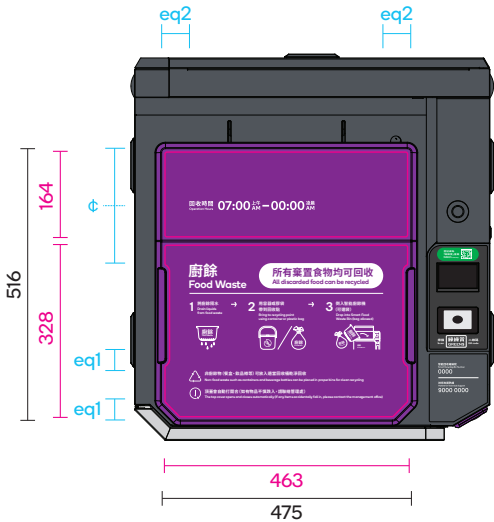
Legend

Measurement unit: mm — — Graphic Alignments — — Sticker Dimensions

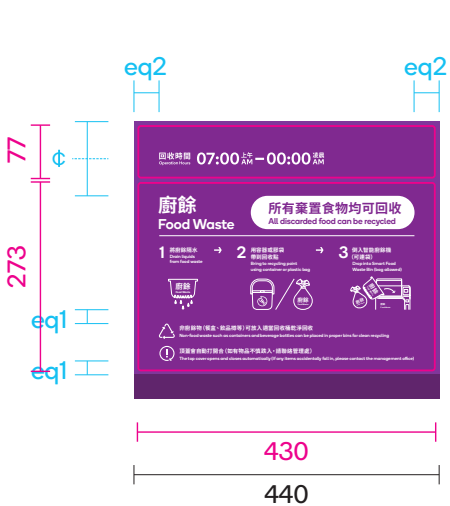
Remarks on Sticker Positioning

The size of each sticker is slightly smaller to the surrounding edges. The margins between the sticker and surrounding edges should be evenly distributed when positioning the sticker.

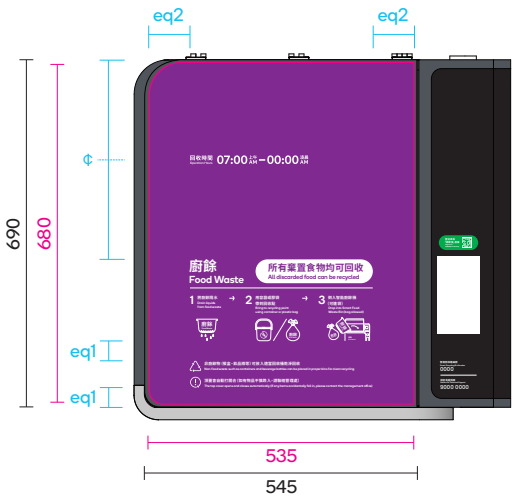
Pair



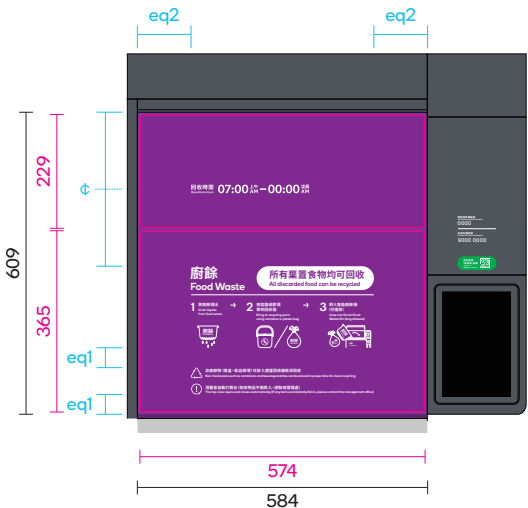
AI CAT



Cornerstone



Be Green



Top Panel — Screen Casing Panel

Panel

Powder Coating in ■ Pantone Cool Gray 11C

⑧ Green\$ App Download QR Code Bubble Sticker

Graphic Size 30mm(h) x 79mm(w)
Position Above the **Display Screen**, and vertically centered with it. Distance between the sticker and **Display Screen** varies for different models of smart bins, please refer to the examples on the right for reference.
Colour ■ C90 M0 Y100 K0 (Pantone 7739C)
Production Inkjet on UV super clear transparent sticker with protective coating and computer cut bubble shape.
Remarks The QR code shall be directed to http://www.wastereduction.gov.hk/tc/community/greencoins_mobile_app.html

⑨ Green\$ App QR Code Scanning Lockup

Graphic Size 26mm(h) x 78mm(w)
Position Vertically and horizontally centered at the space below the QR Scanning Camera Frame.
Colour □ Opaque White
Production Inkjet on UV super clear transparent sticker with protective coating and computer cut round corners.

⑩ Bin Number and Hotline Information Lockup (Editable)

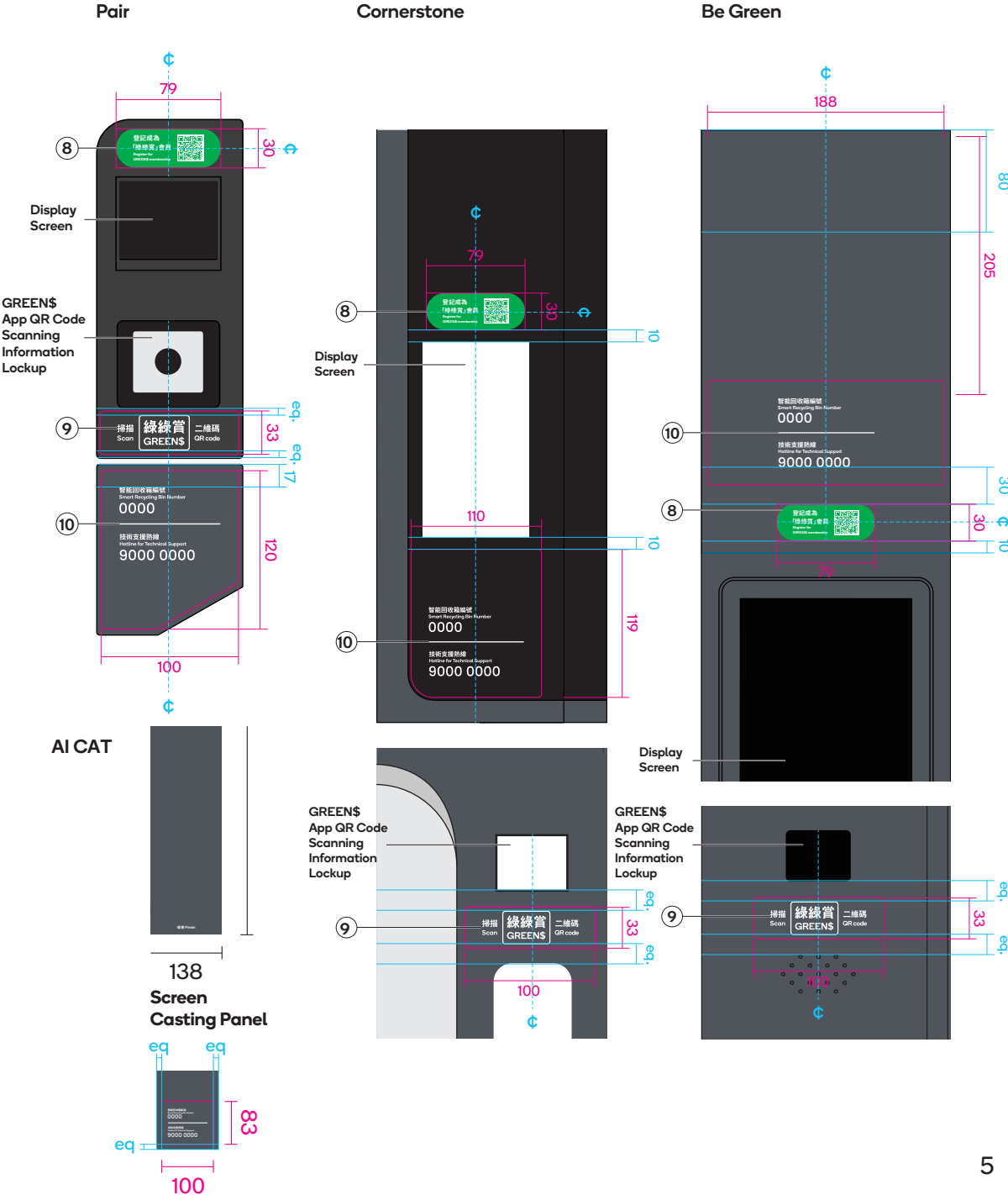
Graphic Size 56mm(h) x 76mm(w)
Position Horizontally centered with the **Screen Casing Panel** on the lower part of the panel.
If space does not allow, can also be placed on the upper part of the panel (see Pair example).
Vertical position of the information lockup varies for different models of smart bins, please refer to the examples on the right for reference.
Colour □ Opaque White
Font Poppins Medium in 30pt size and flush left
Production Inkjet on UV super clear transparent sticker with protective coating and computer cut round corners.
Remarks Supplier shall update the information with the specified font according to individual project.

Legend

Measurement unit: mm — Graphic Alignments — Sticker Dimensions

Remarks on Sticker Positioning

The sizes of stickers of items 9 & 10 are slightly smaller to the surrounding edges. The margins between the sticker and surrounding edges should be evenly distributed when positioning the sticker.



Front Panel

① Food Waste Title Lockup

廚餘
Food Waste

Smart Bin Surface Colour

② Food Waste Logo



Smart Bin Surface Colour

Side Panel

③ Endorsement Logo Lockups

Vertical:

主辦
Organised by



資助
Funded by



協作
Supported by



Horizontal:

主辦
Organised by



資助
Funded by



協作
Supported by



Smart Bin Surface Colour

④ Pull Sign on Tray

拉
Pull

Smart Bin Surface Colour

⑤ Tray Title Lockup

托架 Tray
最大承受5公斤
Support max. 5kg

Smart Bin Surface Colour

Top Panel — Cover

⑥ Operation Hours Lockup (Editable components) — Format A

回收時間
Operation Hours

07:00 上午 AM — 07:00 凌晨 AM

⑥ Operation Hours Lockup (Editable components) — Format B

回收時間
Operation Hours

24 小時 HOURS

Smart Bin Surface Colour

⑦ Recycling Steps Lockup

廚餘
Food Waste

所有棄置食物均可回收
All discarded food can be recycled

1 將廚餘隔水
Drain liquids
from food waste



2 用容器或膠袋
帶到回收點
Bring to recycling point
using container or plastic bag



3 倒入智能廚餘機
(可連袋)
Drop into Smart Food
Waste Bin (bag allowed)



非廚餘物 (餐盒、飲品樽等) 可放入適當回收桶乾淨回收
Non-food waste such as containers and beverage bottles can be placed in proper bins for clean recycling



頂蓋會自動打開合 (如有物品不慎跌入, 請聯絡管理處)
The top cover opens and closes automatically (If any items accidentally fall in, please contact the management office)

Smart Bin Surface Colour

Top Panel — Screen Casing Panel

⑧ Green\$ App Download
QR Code Bubble Sticker



Smart Bin Surface Colour

⑨ Green\$ App QR Code
Scanning Lockup



Smart Bin Surface Colour

⑩ Bin Number and Hotline Information Lockup (Editable)

智能回收箱編號
Smart Recycling Bin Number

0000

技術支援熱線
Hotline for Technical Support

9000 0000

Smart Bin Surface Colour

Design Specification for the User Interface Device of FWSB

Food Waste Smart Bin

User Interface Design Specifications



User Interface Design Specification – General instruction and requirements

1. **For the layout of the User Interface, the suppliers should adapt the provided artwork files, and adjust them based on the specific size and scale of the smart bin to be applied.**

*Landscape UI shall refer to Pair's artwork and portrait UI shall refer to Cornerstone's or BE Green's artwork.

2. **Font style *shall be bilingual in Traditional Chinese and English***

Traditional Chinese - Noto Sans HK (Regular / Bold)

English - Preferred Typeface - Boing (Regular / Medium)

Alternative Typeface - Poppins (Regular / Semibold)

Numbers - Poppins (Medium)

*The English font being used in the provided artwork files is Preferred Typeface. If the Preferred typeface is not available, supplier can use the Alternative Typeface. However, this may affect the original layout. Please note that supplier is required to adjust the layout accordingly.

User Interface Design Specification – General instruction and requirements

3. The operation and logic flow of the UI shall follow the recommended Compulsory Pages below:

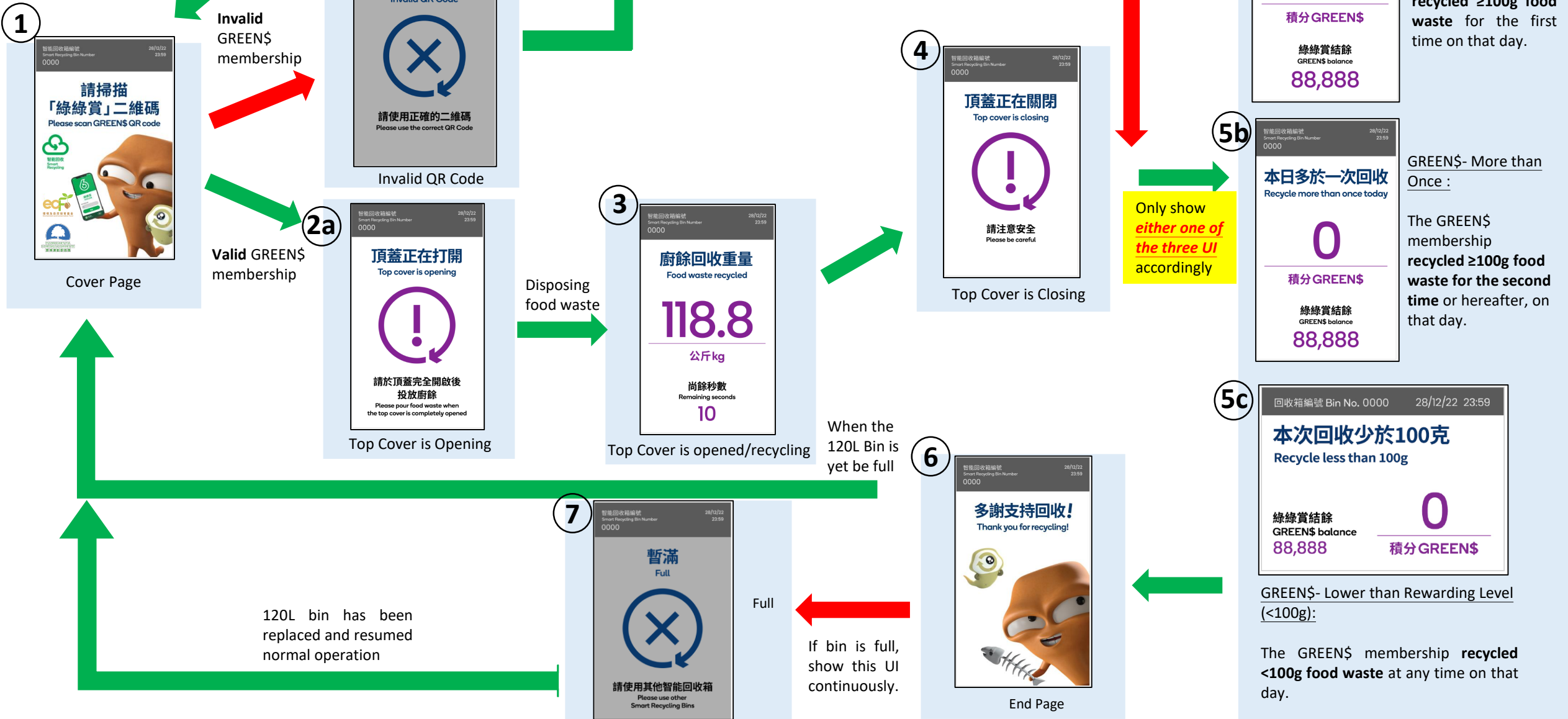
- (1) Cover Page
- (2a) Top Cover is Opening
- (2b) Invalid QR Code
- (3) Top Cover is opened/recycling
- (4) Top Cover is Closing
- (5a) GREEN\$- First Time
- (5b) GREEN\$- More than Once
- (5c) GREEN\$- Lower than Rewarding Level (<100g)
- (6) End Page
- (7) Full

4. Caution pages shall be prepared for any emergency use as listed below:

- (8) Operation Suspended
- (9) Maintenance
- (10) System Update
- (11) Transition page (*Optional*)

User Interface Design Specification – General instruction and requirements

Logic Flow



User Interface Design Specification – General instruction and requirements

Compulsory Pages

1. Cover page

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Logo of the Environmental Campaign Committee and Environment and Conservation Fund
- ⑤ Graphics of Big Waster
- ⑥ Message in bilingual instruction:
 - i) 請掃描「綠綠賞」二維碼 Please scan GREEN\$ QR code

Pair



BE GREEN



Cornerstone



User Interface Design Specification – General instruction and requirements

Compulsory Pages

2a. Top Cover is Opening

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Graphics of Caution “!”
- ⑤ Message in bilingual caution statement:
 - i) 頂蓋正在打開 Top cover is opening
 - ii) 請於頂蓋完全開啟後投放廚餘 Please pour food waste when the top cover is completely opened

Pair



BE GREEN



Cornerstone



User Interface Design Specification – General instruction and requirements

Compulsory Pages

2b. Invalid QR Code

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Graphics of Caution “X”
- ⑤ Message in bilingual – Bin Status and Notification
 - i) 二維碼無效 Invalid QR Code
 - ii) 請使用其他智能回收箱 Please use other Smart Recycling Bins

Pair



BE GREEN



Cornerstone



User Interface Design Specification – General instruction and requirements

Compulsory Pages

3. Top Cover is opened/recycling

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Countdown timer
- ⑤ Weight of disposed food waste (in 1 decimal place)
- ⑥ Message in bilingual recycling information:
 - i) 廚餘回收重量 Food waste recycled

Pair



BE GREEN



Cornerstone



User Interface Design Specification – General instruction and requirements

Compulsory Pages

4. Top Cover is Closing

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Graphics of Caution “!”
- ⑤ Message in bilingual caution statement:
 - i) 頂蓋正在關閉 Top cover is closing
 - ii) 請注意安全 Please be careful

Pair



BE GREEN



Cornerstone



User Interface Design Specification – General instruction and requirements

Compulsory Pages

5a. GREEN\$- First Time of the Day

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Rewarded GREEN\$ points
- ⑤ GREEN\$ points balance
- ⑥ Message in bilingual recycling information:
 - i) 本日首次回收 First time recycling today

* The GREEN\$ points should be shown in integer

Pair



BE GREEN



Cornerstone



User Interface Design Specification – General instruction and requirements

Compulsory Pages

5b. GREEN\$-More than Once

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Rewarded GREEN\$ points
- ⑤ GREEN\$ points balance
- ⑥ Message in bilingual recycling information:
 - i) 本日多於一次回收 Recycle more than once today

* The GREEN\$ should be shown in integer

Pair



BE GREEN



Cornerstone



User Interface Design Specification – General instruction and requirements

Compulsory Pages

5c. GREEN\$ - Lower than Rewarding Level (<100g)

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Rewarded GREEN\$ points
- ⑤ GREEN\$ points balance
- ⑥ Message in bilingual recycling information:
 - i) 本次回收少於100克 Recycle less than 100g

* The GREEN\$ should be shown in integer

Pair



BE GREEN



User Interface Design Specification – General instruction and requirements

Compulsory Pages

6. End Page

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Graphics of Big Waster
- ⑤ Content such as “Thank you for recycling”
- ⑥ Message in bilingual - Ending
 - i) 多謝支持回收! Thank you for recycling!

Pair



BE GREEN



Cornerstone



User Interface Design Specification – General instruction and requirements

Compulsory Pages

7. Full

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Graphics of Caution “X”
- ⑤ Message in bilingual – Bin Status and Notification
 - i) 暫滿 Full
 - ii) 請使用其他智能回收箱 Please use other Smart Recycling Bins

Pair



BE GREEN



Cornerstone



User Interface Design Specification – General instruction and requirements

Caution Pages

8. Operation Suspended

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Graphics of Caution “X”
- ⑤ Message in bilingual – Bin Status and Notification
 - i) 暫停使用 Operation suspended
 - ii) 請使用其他智能回收箱 Please use other Smart Recycling Bins
- ⑥ Error Code (0000)

Pair



BE GREEN



Cornerstone



User Interface Design Specification – General instruction and requirements

Caution Pages

9. Maintenance

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Graphics of Caution “X”
- ⑤ Message in bilingual – Bin Status and Notification
 - i) 維修 Maintenance
 - ii) 請使用其他智能回收箱 Please use other Smart Recycling Bins

Pair



BE GREEN



Cornerstone



User Interface Design Specification – General instruction and requirements

Caution Pages

10. System Update

The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Graphics of Caution “!”
- ⑤ Message in bilingual – Bin Status and Notification
 - i) 系統更新 System Update
 - ii) 請使用其他智能回收箱 Please use other Smart Recycling Bins

Pair



BE GREEN



Cornerstone



User Interface Design Specification – General instruction and requirements

Optional Pages

11. Transition page

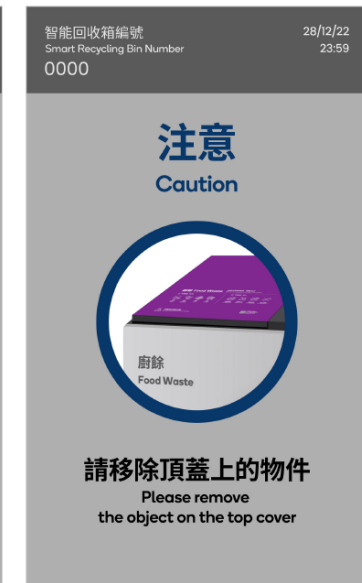
The following information has to be shown:

- ① Time
- ② Date
- ③ Smart Recycling Bin No.
- ④ Message in bilingual – Bin Status and Notification
 - i) 注意 Caution
 - ii) 請移除投放口的物件 Please remove the object at the inlet
 - iii) 請移除頂蓋上的物件 Please remove the object on the top cover

BE GREEN



Cornerstone



120-Litre Mobile Plastic Waste Container (provided by EPD)

