

Ministry of Environment, Japan (MOEJ) & IGES
Zero-Carbon International Forum
Parallel Session 2: Zero Carbon Challenges: trends and
initiatives to promote transition in key areas

Zero Carbon Challenges and Initiatives of Baguio City

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Baguio City: The Summer Capital of the Philippines

- **Land area:** 57.49 km²
- **Elevation:** 1,540 meters above sea level
- **Population:** 366,358 (2020 Census of Population)
- **Households:** 90,000
- **Population density:** 6,373 persons per km²
- Climate



Zero-carbon Challenges:

1. High and increasing number of private vehicles.
2. Traffic hotspots/bottlenecks due to narrow roads with a high number of vehicles plying within the city.
3. Sloping topography
4. Geographic location (Baguio City is the gateway to highland and lowland provinces).
5. Rapid urbanization.
6. Vanishing forest and green spaces.

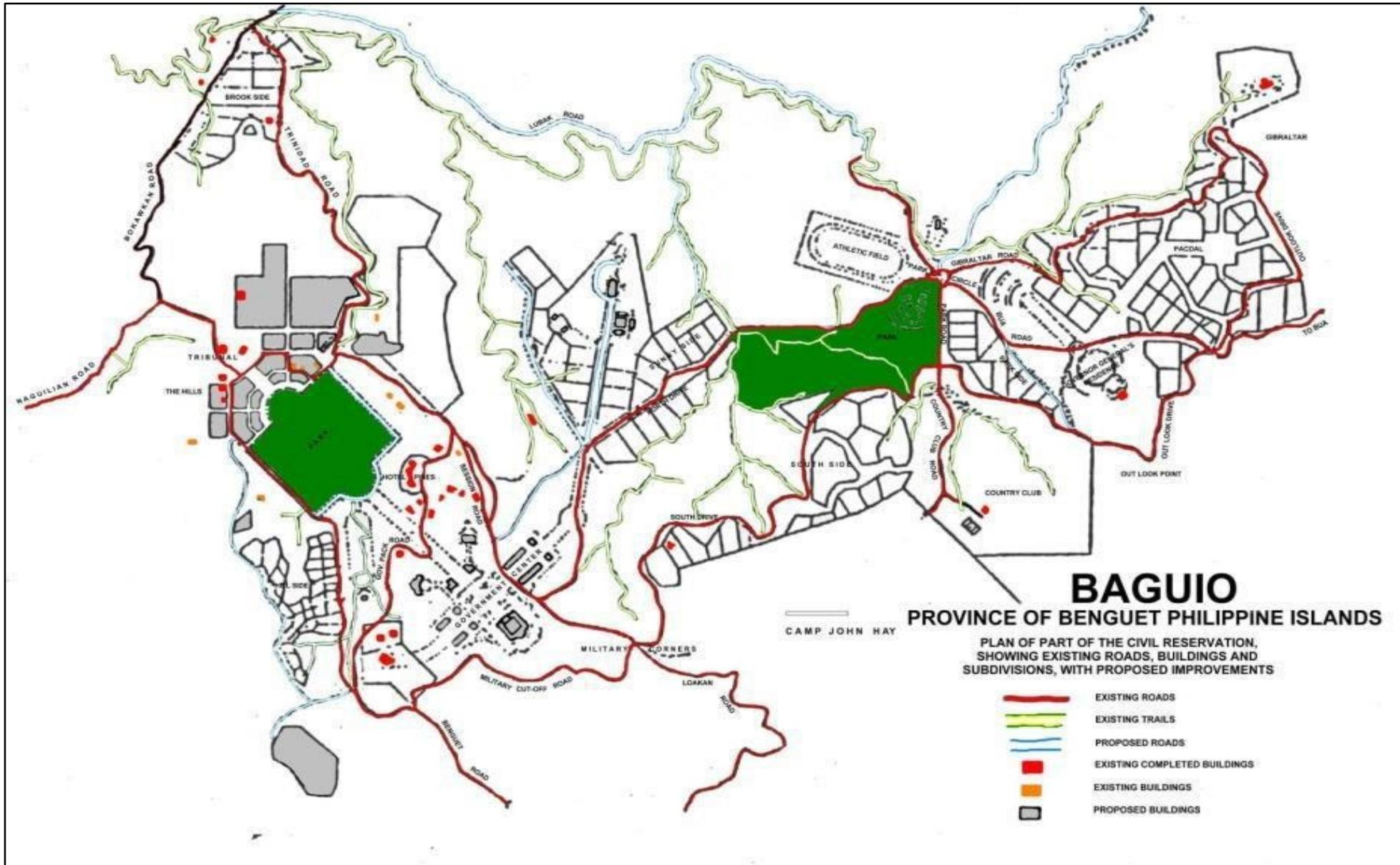
Zero Carbon Initiatives

1. Public Transport Modernization

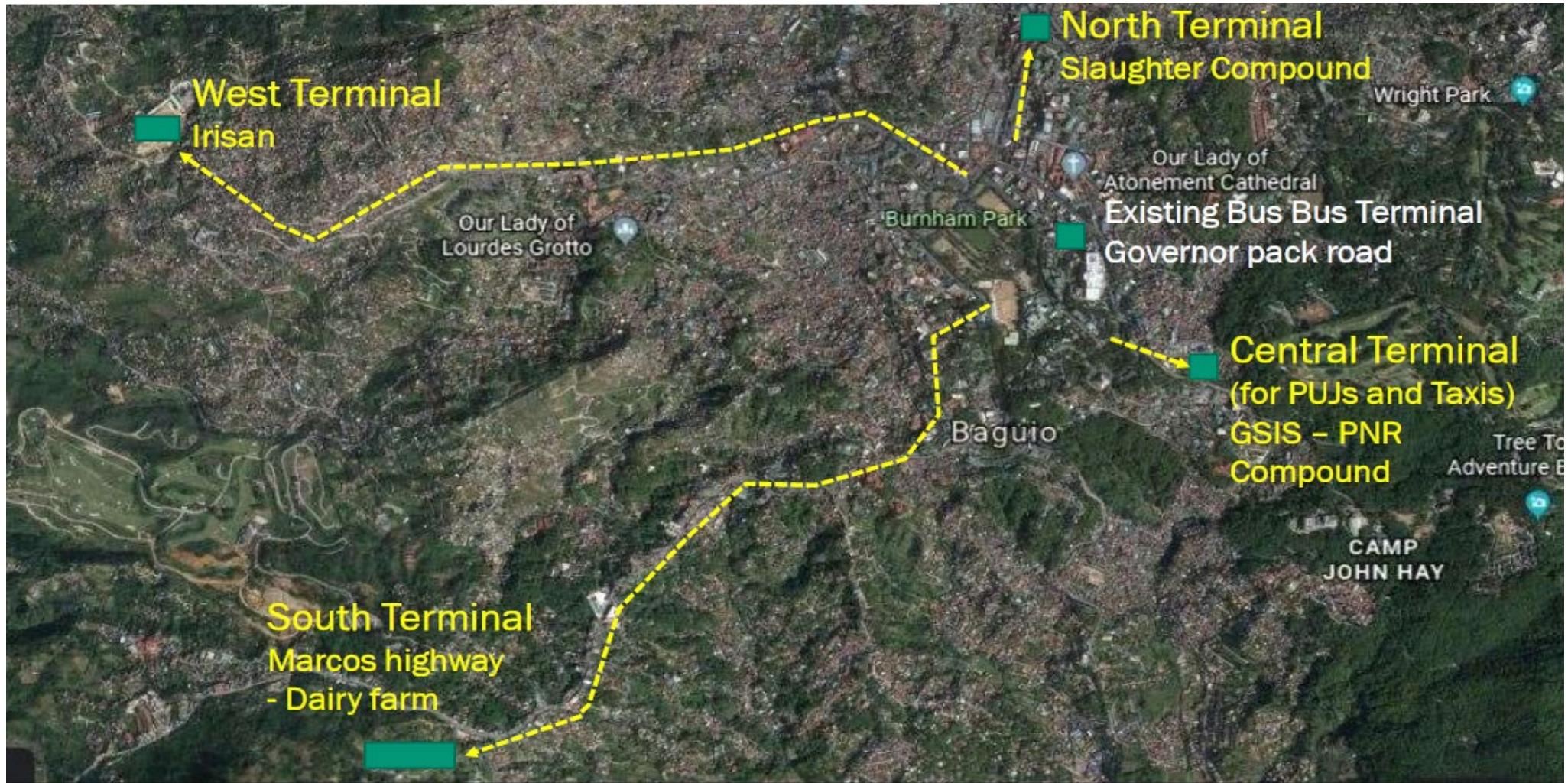


Replacement of old public vehicle units into Euro 4-compliant or no-emission vehicles

2. Local Public Transport Route Plan



3. Integrated transport terminal



The southbound inter-modal transport terminal is already set for implementation this year 2022.

4. Multi-modal mobility



Multimodal transport mobility is inclusive and promotes walkability.

GHG Mitigation Initiatives

CURRENT STATUS



The narrow-compact houses on Quirino Hill, Baguio City.



1 BOYSEN 0194 Makati Haze 97
COLOR SWATCHES

2 BOYSEN 0143 My Sanctuary

3 BOYSEN 0140 Robin's Hood 70

4 BOYSEN 0096 Matted Rug 49

5 BOYSEN 0129 Olivence

6 BOYSEN 0212 Stepping Stone 106

7 BOYSEN 0030 Dusty Trail 15

8 BOYSEN 0062 Gingertoss 46

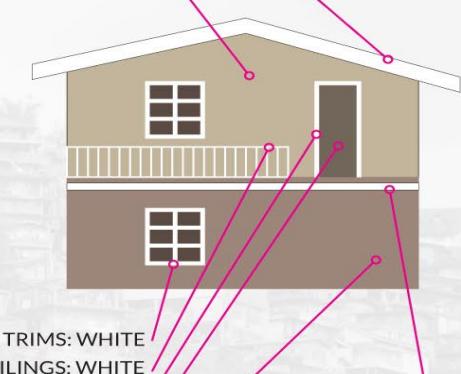
9 BOYSEN 0080 Safari Day 40
ACCENT COLOR

PROJECT PURAW

TYPICAL COLOR SCHEME

ROOF: BOYSEN LAGUNA WHITE

WALLS: 1 COLOR FROM A
SELECTION OF 15 COLORS



WINDOW TRIMS: WHITE
RAILINGS: WHITE
DOOR JAMBS: WHITE
DOOR: ACCENT COLOR

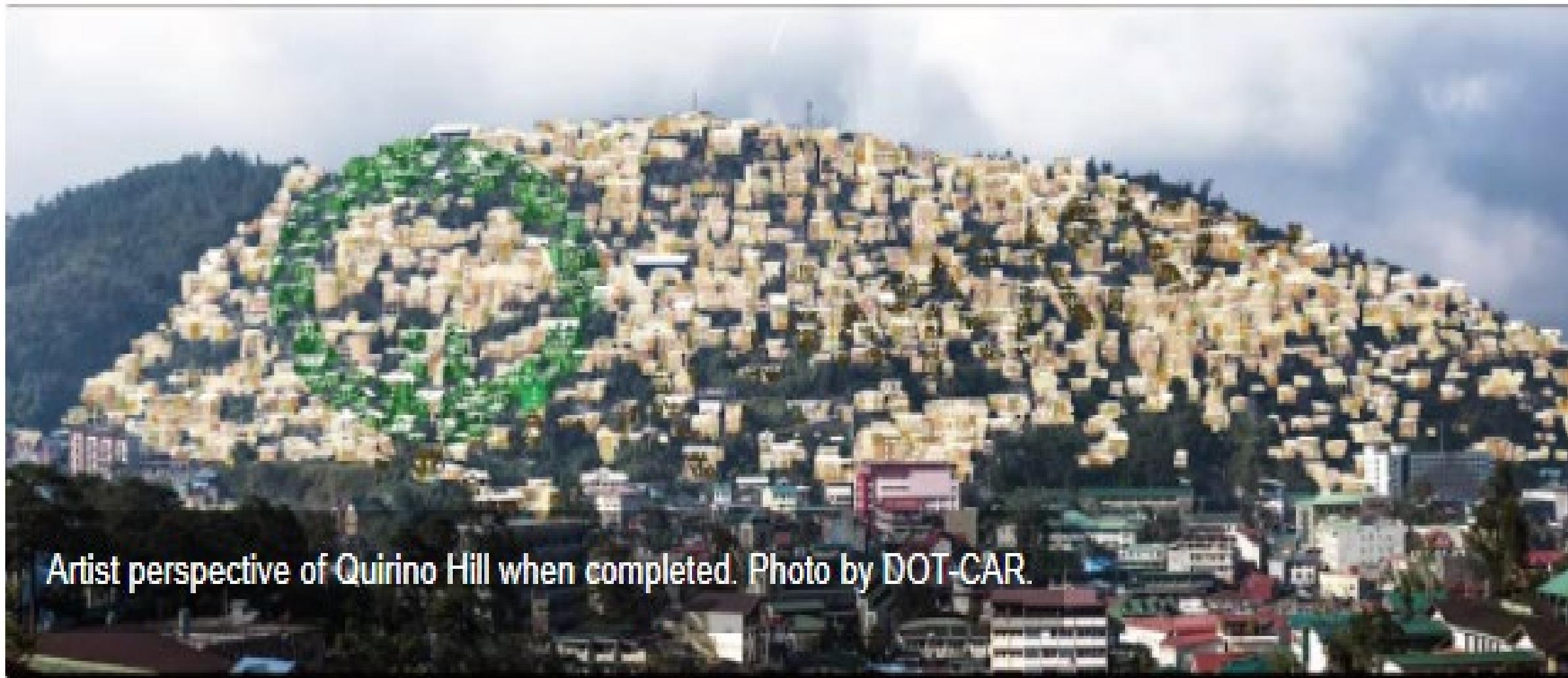
MULLIONS, MOULDINGS,
ACCENTS: WHITE

WALLS ON OTHER LEVELS: 1
COLOR FROM A SELECTION
OF 15 COLORS

COLOR SELECTION FROM SWATCHES BY RESIDENTS



90 DESIGN STUDIO



Artist perspective of Quirino Hill when completed. Photo by DOT-CAR.

CONVERSION OF THE SANITARY LANDFILL INTO AN ECOLOGICAL PARK



© Keystone USA-ZUMA / Rex Features

CURRENT STATUS



ARIGATO GOZAIMASU!