Zero Carbon Challenges and Initiatives of Baguio City

ANTONETTE A. ANABAN
Assistant City Planning and Development Coordinator
City Government of Baguio

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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
The narrow compact houses on Quirino Hill, Baguio City.
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, MOLDINGS, ACCENTS: WHITE
WALLS ON OTHER LEVELS: 1 COLOR FROM A SELECTION OF 15 COLORS

COLOR SELECTION FROM SWATCHES BY RESIDENTS
Artis perspective of Quirino Hill when completed. Photo by DOT-CAR.
CONVERSION OF THE SANITARY LANDFILL INTO AN ECOLOGICAL PARK
CURRENT STATUS
ARIGATO GOZAIMASU!