Develop A Web Application Using Node-RED Service

Use Dashboard Nodes For Creating UI(Web App)

Date	06 November 2022
Team ID	PNT2022TMID10141
Project Name	SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITIAN CITIES
Maximum Marks	4 Marks

SAP Smart City - Waste Management

Snapshot   Region   District   Building   Bin Type

Total Waste Collected
617.0
In Kilo Tonnes
Daily collection by the hour

Uncollected Waste
584.0
In Kilo Tonnes
Waste generated by the hour
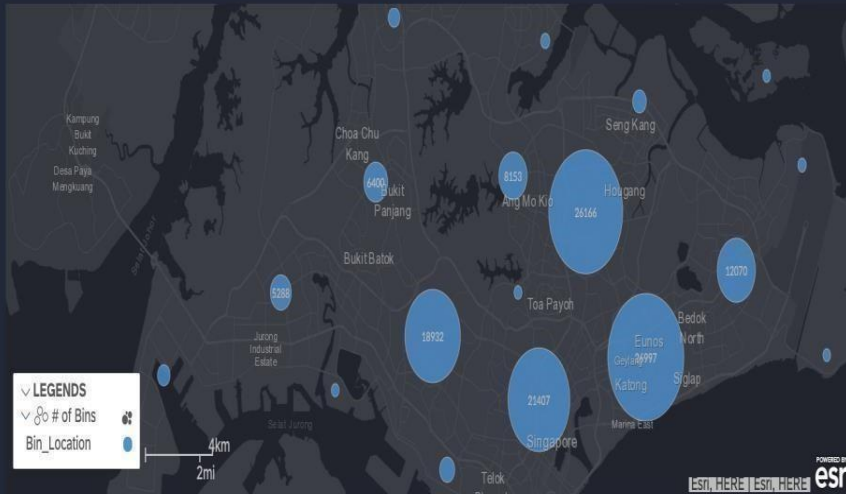
Average Fill Level
50%
Actual Volume
Total Capacity
1,150.00

Routes Overview
43%
Routes in Use
Total Routes
1,000.00

Carbon Footprint
1,236.0
In MgCO2

Segregation Rate
33%
Segregated Waste
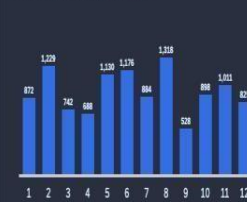Total Waste
2,000.00

Electricity Generated
779.4
In kWh

Kampung Bukit Kuching
Desa Paya Mengkuang
Choa Chu Kang
Seng Kang
6400 Bukit Panjang
8153
Ang Mo Kio
Hougang
26166
Bukit Batok
12070
5288
Toa Payoh
Bedok North
18932
Eunos
Geylang 6997
Katong
Siglap
Jurong Industrial Estate
21407
Marina E
Selat Jurong
Singapore
Telok
Blangah

LEGENDS
# of Bins
Bin_Location
4km
2mi

POWERED BY esri
Esri, HERE | Esri, HERE

Ticket Log

				Total 13	Resolved	Under 6
108...	Bin sensor not reporting data	Compl...	System	10/31/2019	Under review	
117...	Bin ID 125635 at 100% fill level	Compl...	System	10/24/2019	Resolved	
124...	Add new bin sensor to system	Request	User	09/26/2019	Resolved	
127...	Bin ID 12275 at 100% fill level	Compl...	System	10/19/2019	Resolved	
128...	Bin ID 12375 at 100% fill level	Compl...	System	10/18/2019	In process	
133...	Bin temperature sensor reporting unsa...	Compl...	System	10/29/2019	Resolved	
135...	Unable to log in to Route Managemen...	Compl...	User	11/10/2019	Under review	

Reselling Revenue (in S$)
872 1,229 742 688 1,130 1,176 894 1,318 528 898 1,011 825
1 2 3 4 5 6 7 8 9 10 11 12

Waste sequestered (by the hour)
1,694 1,049 1,729 2,094 1,135 873 1,438 1,506
769
9 10 11 12 13 14 15 16 17