

# Deep Dive City Valledupar Colombia

[ebus.transformative-mobility.org](http://ebus.transformative-mobility.org)  
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[@transformativemobility](https://facebook.com/transformativemobility)  
[Transformative Urban Mobility Initiative](https://youtube.com/TransformativeUrbanMobilityInitiative)

## General Information about the City<sup>1,2,3,4,5,6</sup>

Population  
 477763

City area  
 47.53 km<sup>2</sup>



Average temperature  
 28.4 °C

Annual rainfall  
 970 mm/year

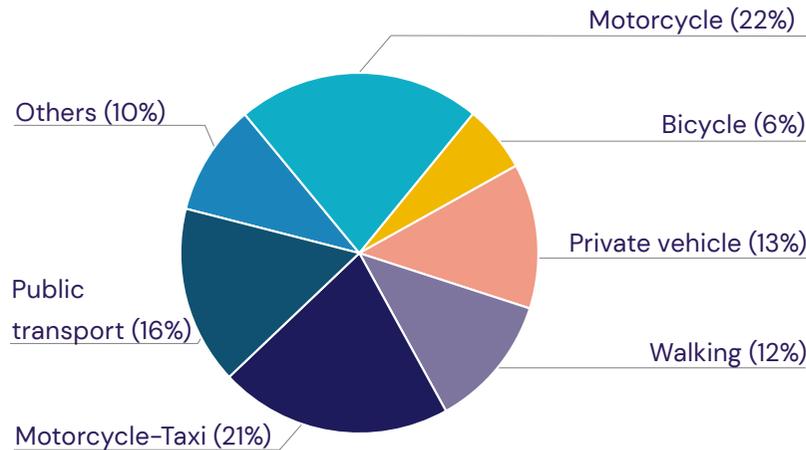
Climate risks  
 Heat waves  
 Flood

Number of car ownership  
 175.8 cars per 1000 inhabitants  
 58% motorcycles

GDP (US Dollars)  
 1685 million

## Urban Mobility System<sup>7,8,9</sup>

### Modal split



### Public transport modes

Bus

Carried passengers  
(Avg. daily demand)

25,278

Total no. of routes / buses

10 routes  
 174 buses  
 264 km



# Climate and Urban Mobility Policies

## Vision for net zero urban mobility

Bus replacement from old units to GNV buses (2021)



## Political commitments<sup>10</sup>

Country commitment:

20% GHG comparing with the projected value to 2030  
(Aligned with Paris Agreement)

Law 1964, 2019 – commitments with clean vehicles at national level

- 2025 – 10% total procurement with e-buses
- 2027 – 20%
- 2029 – 40%
- 2031 – 60%
- 2033 – 80%
- 2035 – 100%

### References:

1 Dane población <https://www.dane.gov.co/index.php/estadisticas-por-tema/demografia-y-poblacion/proyecciones-de-poblacion>

2 Dane MGN (Calculado) <https://geoportal.dane.gov.co/servicios/descarga-y-metadatos/descarga-mgn-marco-geoestadistico-nacional/>

3 <https://www.dane.gov.co/index.php/estadisticas-por-tema/cuentas-nacionales/cuentas-nacionales-departamentales>

4 <http://ieu.unal.edu.co/medios/noticias-del-ieu/item/movilidad-en-el-area-metropolitana-de-valledupar-retos-y-planificacion-sostenible>

5 Valledupar official webpage <http://www.valledupar-cesar.gov.co/MiMunicipio/Paginas/Informacion-del-Municipio.aspx>

6 IDEAM, características de ciudades principales y municipios turísticos <http://www.ideam.gov.co/documents/21021/418894/Caracter%C3%ADsticas+de+Ciudades+Principales+y+Municipios+Tur%C3%ADsticos.pdf/c3ca90c8-1072-434a-a235-91baee8c73fc>

7 <http://ieu.unal.edu.co/medios/noticias-del-ieu/item/movilidad-en-el-area-metropolitana-de-valledupar-retos-y-planificacion-sostenible>

8 <https://moovitapp.com/valledupar-3080/lines/es>

9 Derived from total pax/year in <https://siva.gov.co/informes-de-gestion/>, 2020.

10 Ley 1964 de 2019 <https://dapre.presidencia.gov.co/normativa/normativa/LEY%201964%20DEL%2011%20DE%20JULIO%20DE%202019.pdf>

# Electric Buses

## Targets for electric bus adaption

1 2024: 12 e-buses.

2 2035: all new buses must be electric.

## Ongoing projects and planned projects

SETP: Strategic public transport system

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