



Decision Making Models for Financing Urban Mobility

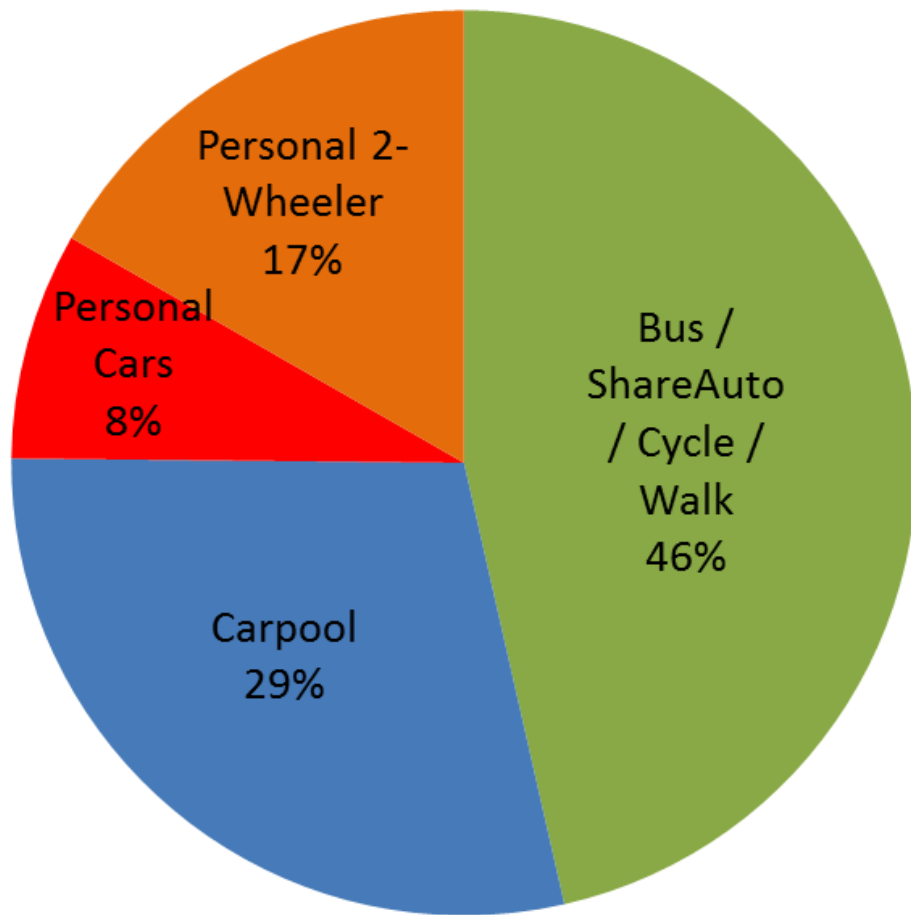
Prashanth Bachu

Urban Transport Consultant

Phone: +91 830 5696 456 | Email: pbachu@gearchange.in

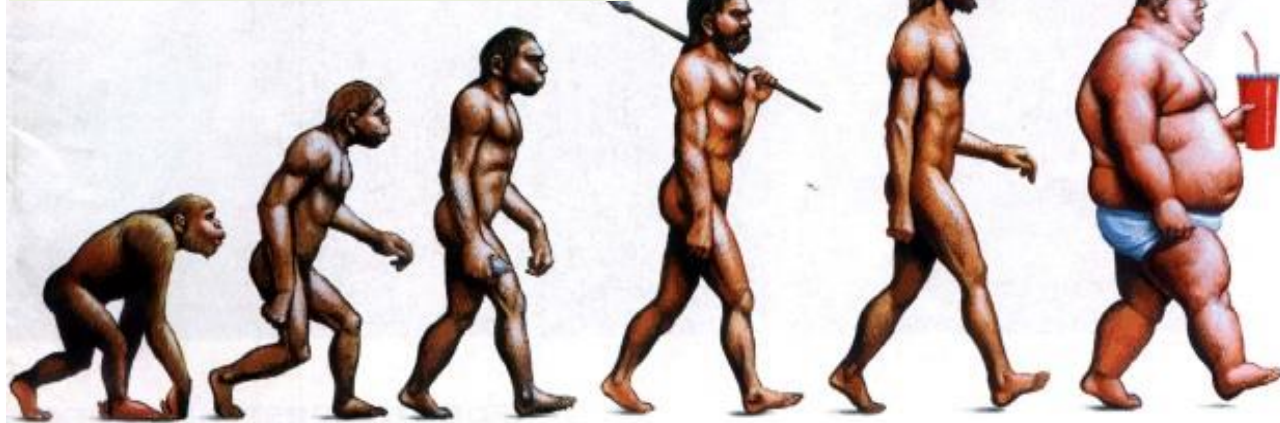


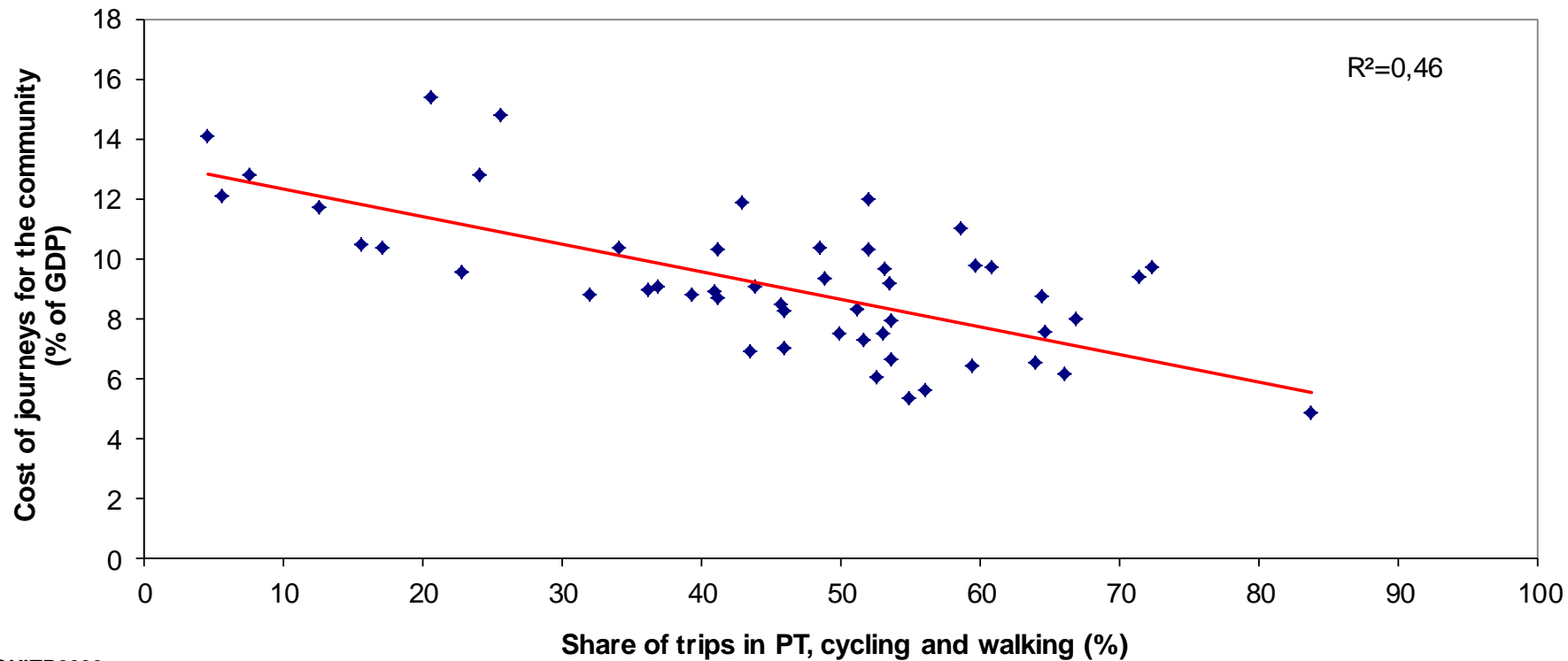
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ULTANCY SERVICES





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Decision Making Indicators

ROAD SPACE occupied /person

FUEL consumed /person km

ACCIDENTS caused /person km

VKT avoided /intervention OR policy decision



Quality of Living
(relating to urban mobility)



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Vehicle Type	Size - sq.m.	Area Occupied on Road (20 kmph) - sq.m	Occupancy	Space Occupied Per Person (sq.m)	Fuel Consumed (litre/pax.km)
Car	6.35	25.4	1	25.40	0.063
Car	6.35	25.4	2	12.70	0.031
Car	6.35	25.4	3	8.47	0.021
Car	6.35	25.4	4	6.35	0.016
Car	6.35	25.4	5	5.08	0.013
Two-wheeler	1.25	7.5	1	7.50	0.020
Two-wheeler	1.25	7.5	2	3.75	0.010
Bus	31.2	84.0	17	4.94	0.013
Bus	31.2	84.0	35	2.40	0.006
Bus	31.2	84.0	60	1.40	0.004

What Does This Say?

1. Even a half empty bus is more space efficient than a car with 5 people together
2. A single person car is grabbing 10 times the space on road compared to one traveling by bus
3. Riding together on motor-bike is no more space efficient than a half-filled bus
4. It is smarter to travel in groups!



Thank you!



Prashanth Bachu
pbachu@gearchange.in
+91.830.5696.456