

To be people's chosen brand universally, in mobility solutions, by serving beyond their expectations for every journey whilst adding value to all stakeholders and society at large

#### **Complete Surface Mobility Solution**

# Prasanna Purple Mobility Solutions

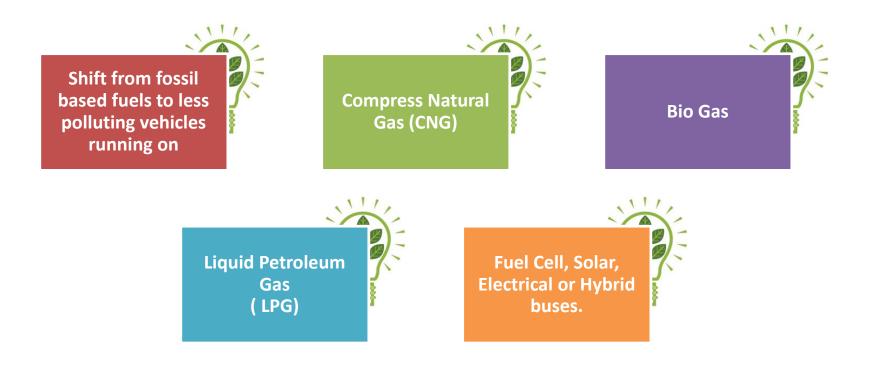


# **Criteria for zero emission & other innovations in big private company**





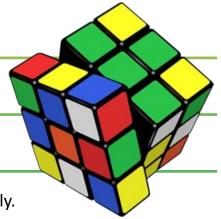
# **Criteria for Zero Emission**







# **Challenges In Adopting New Technology**



**Cost of Acquisition :** Three times higher than Diesel/ CNG buses.

Cost of Operation : Is less by 60% (depending on rate per unit of electricity)

Enough & Timely Fuel Supply : Depends on availability of enough electric supply.

Availability Of Required Infrastructure : High capacity charging stations at Bus stations & Depot.

Legislative Challenges : Model Approvals, Operating rules, Special permits

**Service Parameters** Restrictions it may have in scheduling due to limitation of operating buses without charging in a day.

Ease Of Maintenance : Being a new technology availability of pares, service stations etc.

**Trained Manpower :** New technology requires specific training to be given to operating and maintenance crew.

**Financing Model :** Since cost of acquisition is high and Operating cost is low long term financing at lower interest rate is required to be provided.

# **Innovations in Transportation Aggregation Models**





**APP BASED SOLUTIONS** Very easy to use for consumers



**CHANGES IN RELATIONSHIP** Employer & Employee to Company and Associate.





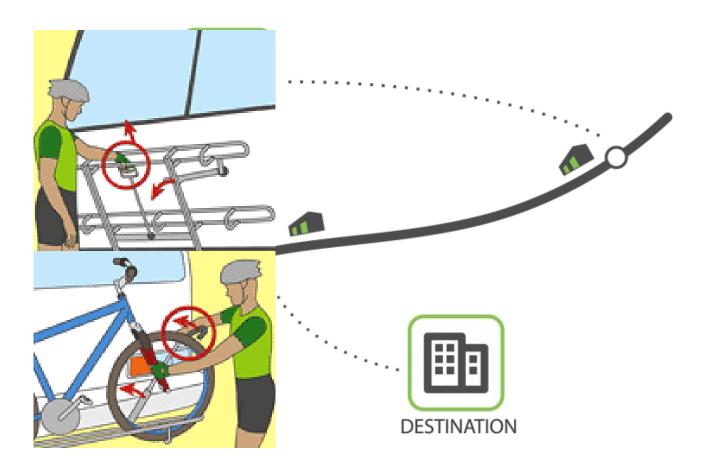
LEGISLATIVE CHANGES TO ACCOMMODATE TECHNOLOGY Role of Government will change as More of facilitator than regulator.

# Aggregation Model Convenience and Efficiency

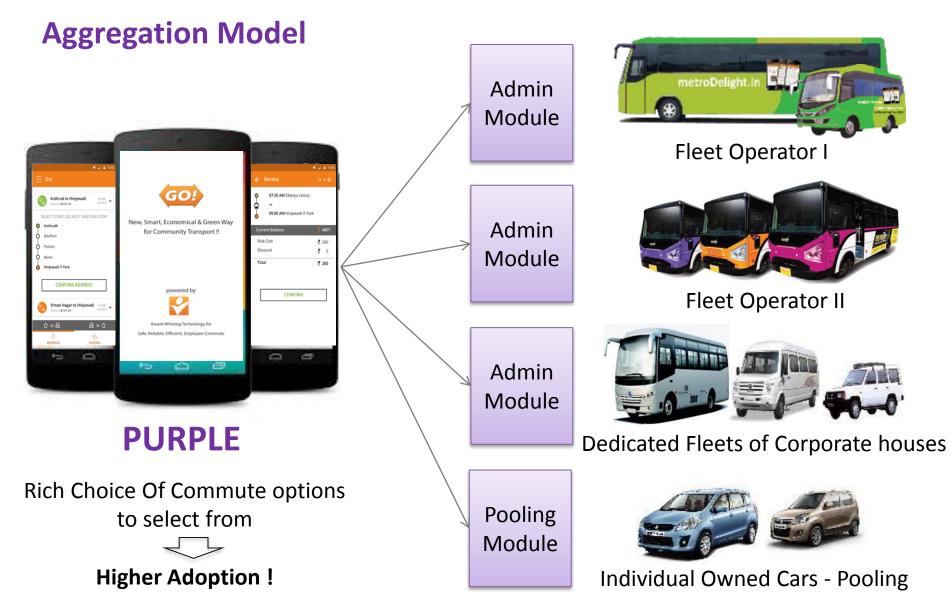




# Bicycle Friendly !! Go ! GREEN , Go ! Healthy

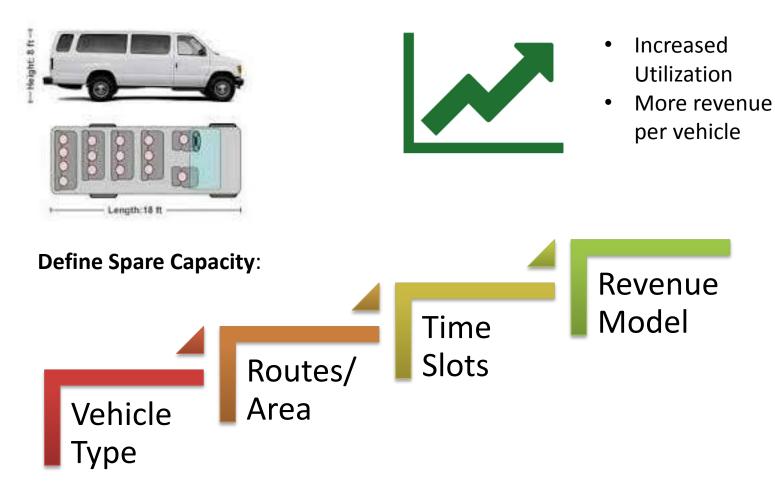






# **Capacity Planning : What it means for Operators**

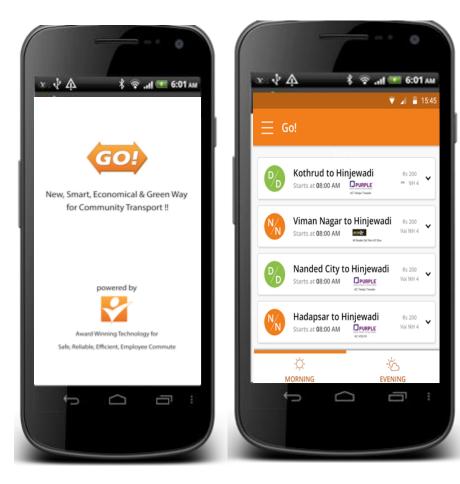




Vendors can define, manage and publish the spare capacity on regular basis

# **Transport Aggregator Mobile Platform**





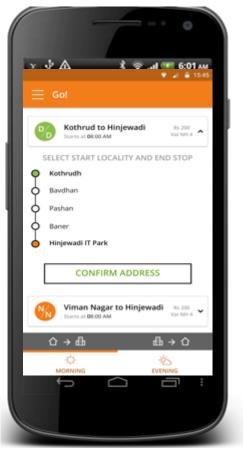
### Multiple options to choose Mode of transport

- Spare capacity offered by vendors
- Nodal and Door to Door services
- Taxi aggregation services (OLA, UBER)
- Intercity Services
- Full taxi / Bus hire
- Feeder services (Bike, e-Rikshaw...)
- Car pooling services (Non Commercial)

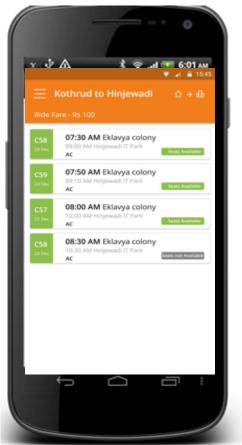
### **EASY TO BOOK**



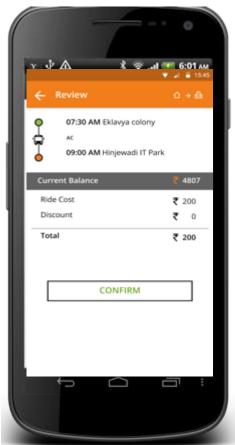
#### Select Route / Stop



#### Select Schedule



#### Confirm & Pay



## **Flexi Passes with QR Codes**









# Advantage



USER	Increased availability	
	Increased reliability	
	Choice of Services	
	On The Go Bookings	
	Mobile Wallet facility	
	Vehicle Tracking, SOS Integration with Control Room	
OPERATOR	Improved Revenues	
	Improved utilization (profitability)	<u>L'L</u>
	Improved utilization (profitability) Better Customer Satisfaction Better Customer Satisfaction	7 17 2
	Automated Billing System	Jost -
	Dynamic Roster Planning and Route Optimization	211 28
	Vehicle Tracking	
	Compliance Mgt.	
AUTHORITY	Technology Enabled Employee Transport Management	
	Contribute to Green Initiative	
	Reduced Traffic	
	Improved Safety	
	Transport Data Analytics, Prediction and Planning System	

# Case Study at Pune, India



CASE

## **Expected Benefits by Year 2018**

from first pilot project at Hinjewadi IT Park

Reduction in Number of cars on road **60%**  Savings in Car fuel, maintenance, insurance **191 Cr.** per year

Savings due to less parking requirement **60 Cr.** per year

Carbon Footprint Reduction 65K M Ton per year Savings due to employee productivity improvement **200 M USD** per year



# Thanking You !!

