

# Assessment of Community Benefits from E-Bus Operations

How E-Buses are Reshaping Intercity & Intracity Travel in India



# Policy Support and Emerging Market Trends

1



FAME I & FAME II

PM E-Drive



2

National Electric Bus Program

3



PM e-Bus Sewa

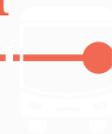


4

5



Payment Security Mechanism



## Electric Bus Registrations:



- 2020-21: 374
- 2024-25: 3,334

*Vahan Dashboard, Feb 2026*

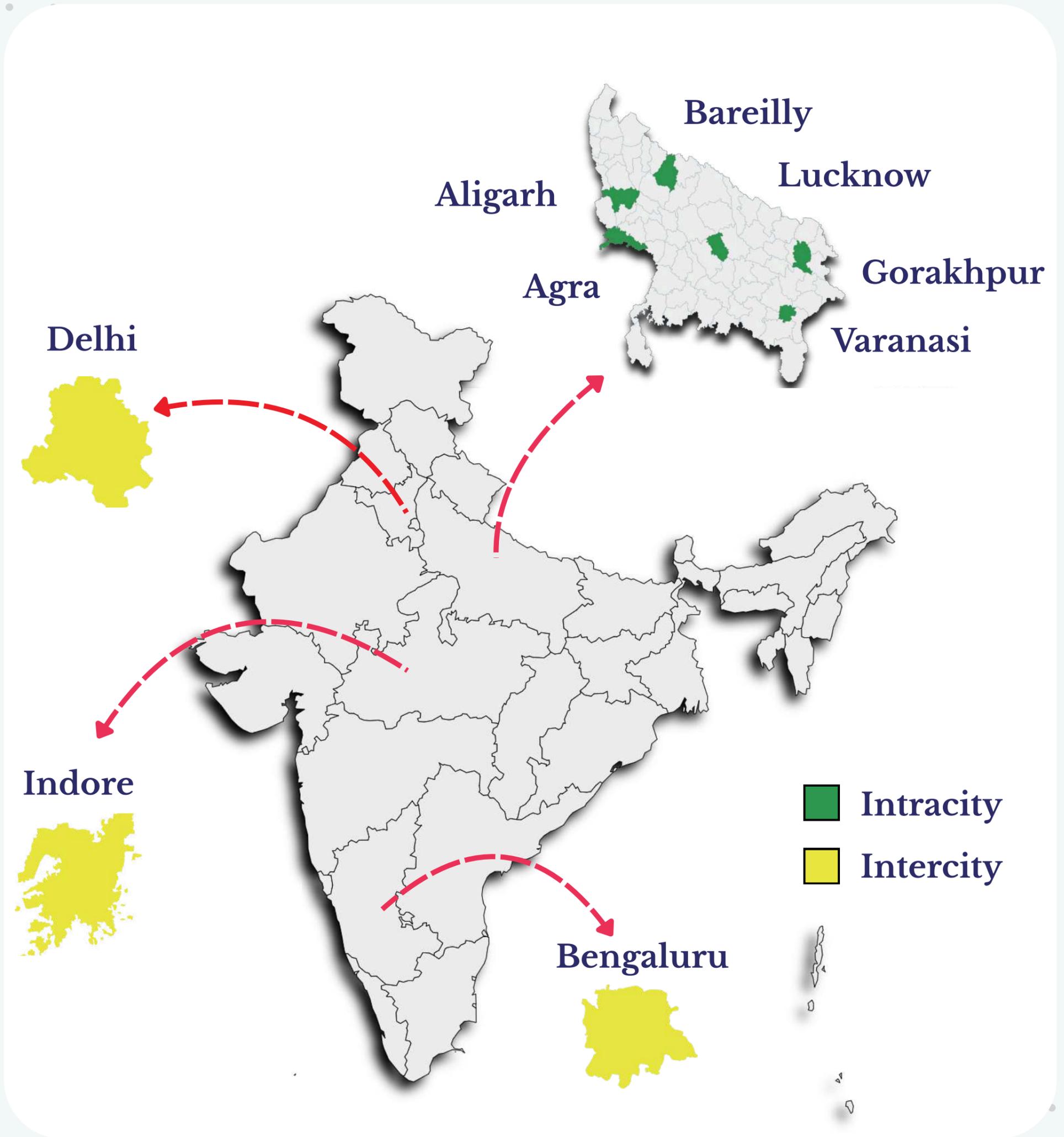
This trend highlights a clear shift towards cleaner and greener public transportation.

Independent evaluation is critical to scaling sustainable mobility solutions.

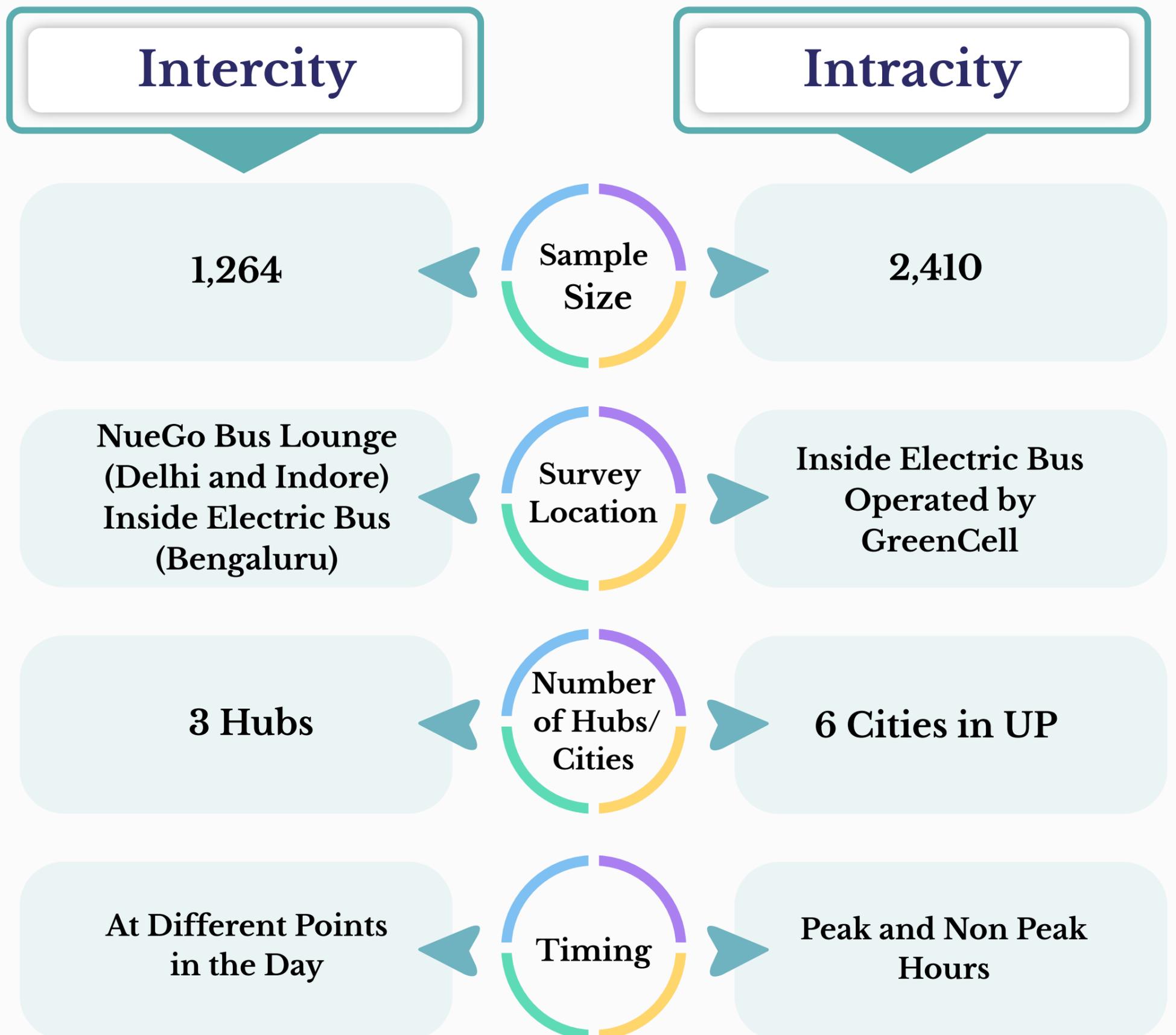


TERI analysed community benefits of electric bus operations. These outcomes are enabled by Eversource Capital's strategic investment and GreenCell Mobility's on-ground deployment.

# Survey Areas



# Snapshot of the Survey



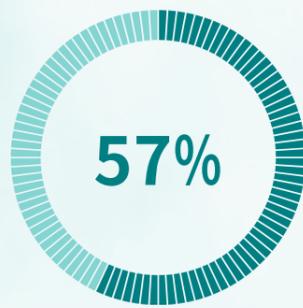


# What Was Asked ?

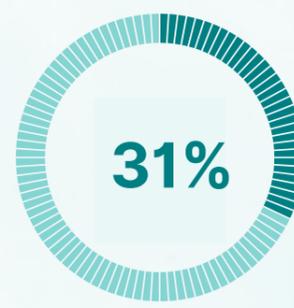


# Intercity Operations: Key Findings

Repeated users of NueGo



Bengaluru



Delhi



Indore

Likelihood of commuter retention of repeat users



Bengaluru



Delhi



Indore

Males

Females



71% (of repeat male users) found NueGo's e-bus service to be better compared to other bus providers



72% (of repeat female users) found NueGo's e-bus service to be better compared to other bus providers

Top 3 reasons for choosing NueGo buses



Top 3 reasons for choosing NueGo buses



Environmental Benefits

NueGo's electric buses have provided zero tailpipe emission alternatives for intercity commute



Shift from Diesel/CNG Buses



Shift from four-wheelers (private & commercial)



Shift from Diesel/CNG Buses



Shift from four-wheelers (private & commercial)

Environmental Benefits

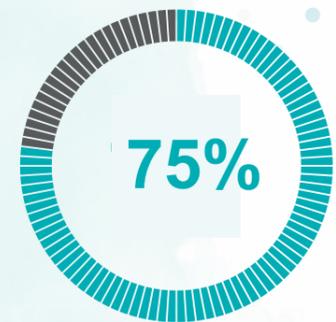
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# Intracity Operations: Key Findings

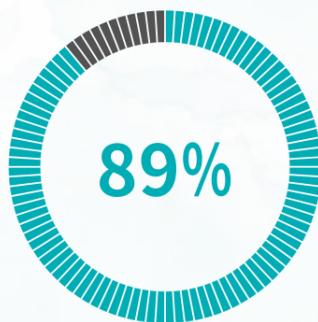
With high repeat users in intracity operations, the likelihood of commuter retention was also high



Agra



Aligarh



Bareilly



Gorakhpur



Lucknow



Varanasi

Males

Females



**Dominant Impact Areas:**  
Increased Access to Public Infrastructure (69%)  
Reduction in Travel Time (60%)



**Dominant Impact Areas:**  
Increased Access to Public Infrastructure (71%)  
Reduction in Travel Time (53%)

**Top 3 reasons for choosing electric buses**



**Top 3 reasons for choosing electric buses**





Scan the QR code to learn more about TERI's work in sustainable mobility



<https://www.teriin.org/transport>