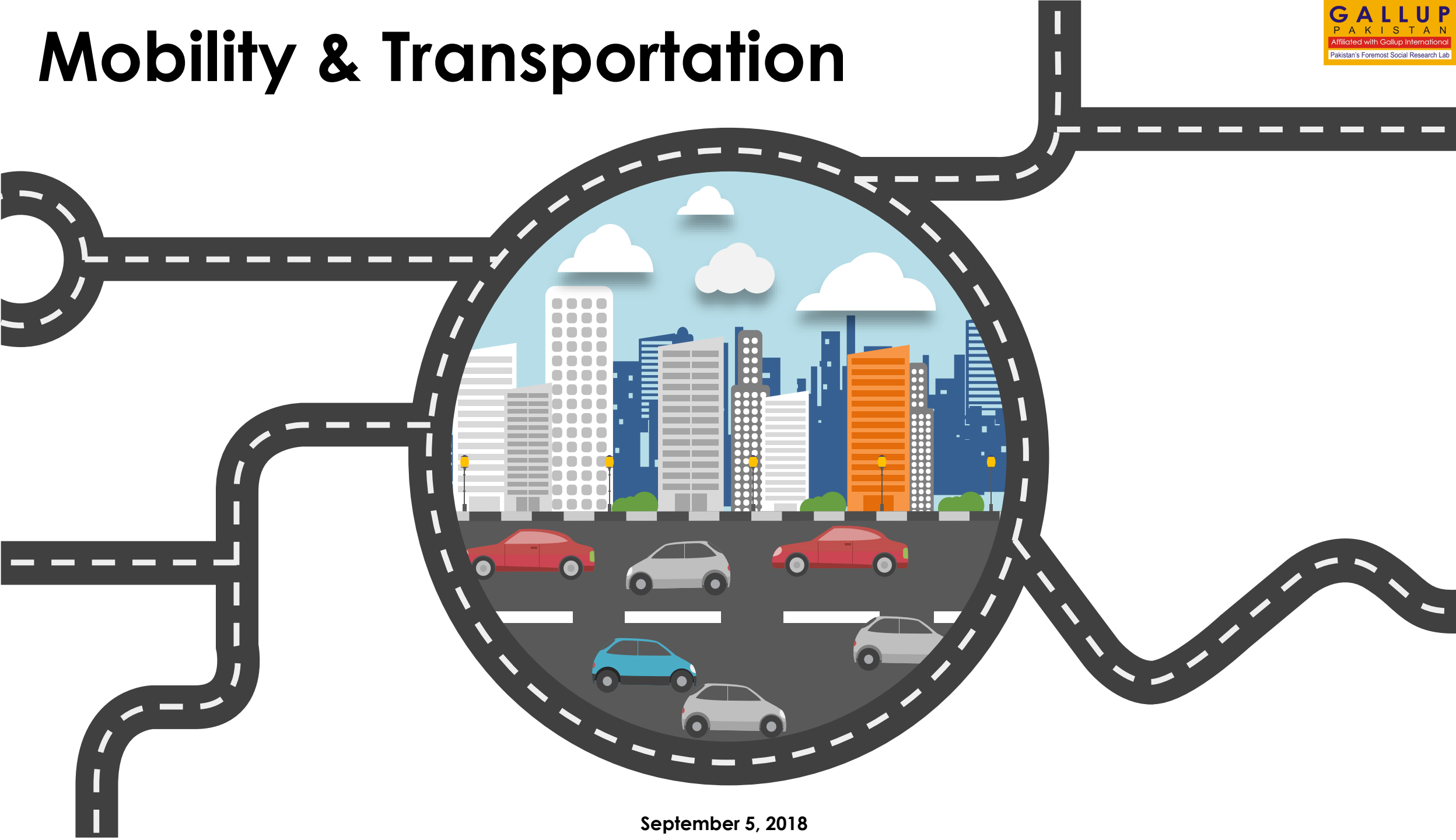


Mobility & Transportation



September 5, 2018

Background



Globally, transportation system is transforming rapidly. In developing countries, transportation needs for middle class consumers is increasing & they demand same goods as the developed countries. Electric vehicles, car-sharing, on-demand mobility, driverless vehicles can help in connecting demand & supply efficiently. This study will help to understand how new technological solutions will shape the future of mobility & transportation.

About the Project

Collaboration Between

Dalia Research



MIT Energy Initiative



Findings of the survey are being
released by Gallup Pakistan

Gallup Pakistan



ABOUT THE SURVEY

Survey was conducted via Dalia's Mobile technology that enables access to worldwide audience through web devices. Survey conducted between December 5, 2016 to February 2, 2017 in 52 countries with sample size of 43,034 with distribution based on overall population (gender & age i.e. 14-65) and feasibility estimates for each country.

Insights

This study provides insights on



Use of Public Transport



Electric Vehicle Adoption



Emerging Technology Solutions

Pakistan vs World

Use of Public Transport

Average Commuting time per Workday



Pakistan
1h 27min

World Avg.
1h 9min

Share Of Pop. Using Public Transportation



Pakistan
20%

World Avg.
38%

Most Popular Public Transportation Options



Bus/Minibus

Pakistan World Avg.
11% **25%**



Oth. Transport

Pakistan World Avg.
8% **6%**



Underground/Metro/Subway

Pakistan World Avg.
2% **10%**

Pakistan vs China

Use of Public Transport

Average Commuting time per Workday



Pakistan
1h 27min

China.
57min

Share Of Pop. Using Public Transportation



Pakistan
20%

China
36%

Most Popular Public Transportation Options



Bus/Minibus

Pakistan
11%

China
18%



Oth. Transport

Pakistan
8%

China
5%



Underground/Metro/Subway

Pakistan
2%

China
23%

Pakistan vs India

Use of Public Transport

Average Commuting time per Workday



Pakistan
1h 27min

India
1hr 31min

Share Of Pop. Using Public Transportation



Pakistan
20%

India
41%

Most Popular Public Transportation Options



Bus/Minibus

Pakistan
11%

India
27%



Train

World Avg.
8%

India
16%



Underground/Metro/Subway

Pakistan
2%

India
11%

Pakistan vs World

Electric Vehicle Adoption

Demand for Electric Vehicles*



Pakistan
34%

World Avg.
36%

*First Time Car Buyers

Average Willingness To Pay For EVs



Pakistan
\$ 27,444

World Avg.
\$ 26,298

Main Considerations When Purchasing a Car



Performance

Pakistan World Avg.
40% **34%**



Fuel Efficiency

Pakistan World Avg.
33% **46%**



Brand

Pakistan World Avg.
26% **24%**

Pakistan vs China

Electric Vehicle Adoption

Demand for Electric Vehicles*



Pakistan
34%

*First Time Car Buyers

China
52%

Average Willingness To Pay For EVs



Pakistan
\$ 27,444

China
\$ 33,113

Main Considerations When Purchasing a Car



Performance

Pakistan
40%

China
60%



Size & Practicality

World Avg.
40%

China
36%



Brand

Pakistan
26%

China
34%

Pakistan vs India

Electric Vehicle Adoption

Demand for Electric Vehicles*



Pakistan
34%

*First Time Car Buyers

India
42%

Average Willingness To Pay For EVs



Pakistan
\$ 27,444

India
\$ 26,193

Main Considerations When Purchasing a Car



Performance

Pakistan
40%

India
51%



Fuel Efficiency

Pakistan
33%

India
65%



Environmental Concerns

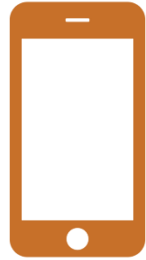
World Avg.
19%

India
37%

Pakistan vs World

Emerging Technology Solutions

Usage of Ride Hailing Apps



Pakistan
1%

World Avg.
18%

Readiness for Self-Driving Vehicles



Pakistan
35%

World
39%

Perceived Problems with Existing Transportation



Wasting time in Traffic/Heavy Congestion

Pakistan
32%

World Avg.
35%



High Cost for Taxi Rides

Pakistan
24%

World Avg.
24%



Delays in Public Transportation

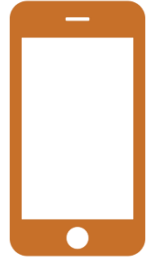
Pakistan
21%

World Avg.
26%

Pakistan vs China

Emerging Technology Solutions

Usage of Ride Hailing Apps



Pakistan
1%

China
30%

Readiness for Self-Driving Vehicles



Pakistan
35%

China
45%

Perceived Problems with Existing Transportation



Wasting time in Traffic/Heavy Congestion

Pakistan
32%

China
48%



Bad Air Pollution

China
37%

World Avg.
15%



Difficulty Finding Convenient Parking

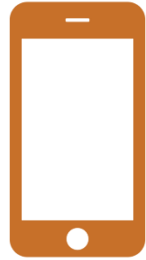
China
36%

World Avg.
23%

Pakistan vs India

Emerging Technology Solutions

Usage of Ride Hailing Apps



Pakistan
1%

India
14%

Readiness for Self-Driving Vehicles



Pakistan
35%

India
53%

Perceived Problems with Existing Transportation



Wasting time in Traffic/Heavy Congestion

Pakistan
32%

India
46%



Delays in Public Transportation

Pakistan
21%

India
30%



Difficulty Finding Convenient Parking

India
27%

World Avg.
23%

Disclaimer

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