

A MaaSive shift in the auto industry

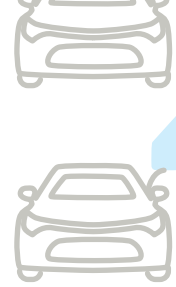
As the automobile sector radically moves to connected, autonomous sharing and electricity-powered modes of vehicles, mobility is no longer about bringing people to places. It's about bringing places to people.

But is the auto sector ready to embrace Mobility as a Service (MaaS)?

Megatrends in Mobility

53% fewer passenger vehicles are manufactured each year¹

The size of the U.S. vehicle fleet will drop from 247 million in 2020 to 117 million in 2030.¹



18% of miles driven by 2035 can be attributed to shared mobility²



68% of the world's population is projected to be in megacities, making driving impractical³

Today, 55% of the world's population lives in urban areas, a proportion that is expected to increase to 68% by 2050.³

Steering Change, Driving Impact



3.64 gigatons of CO₂ are created by passenger vehicles each year⁴

Fewer cars on the road will lower the 8,887 grams of CO₂ emitted by the average vehicle per gallon of gas.⁵

80%

MaaS will reduce energy demand by 80%⁶

90%

It will also reduce tailpipe emissions by over 90%⁶

Shared mobility will lead to both energy and cost savings



Most households spend 25% of income on transportation⁶

\$9,282 annually

Average cost to own a car in the US⁷

\$773.50 monthly

Cost-per-mile projections for 2025

\$.26

autonomous taxi⁸

\$.62

privately owned vehicle⁷

\$2.50

ride sharing⁹

Consumers at the Wheel

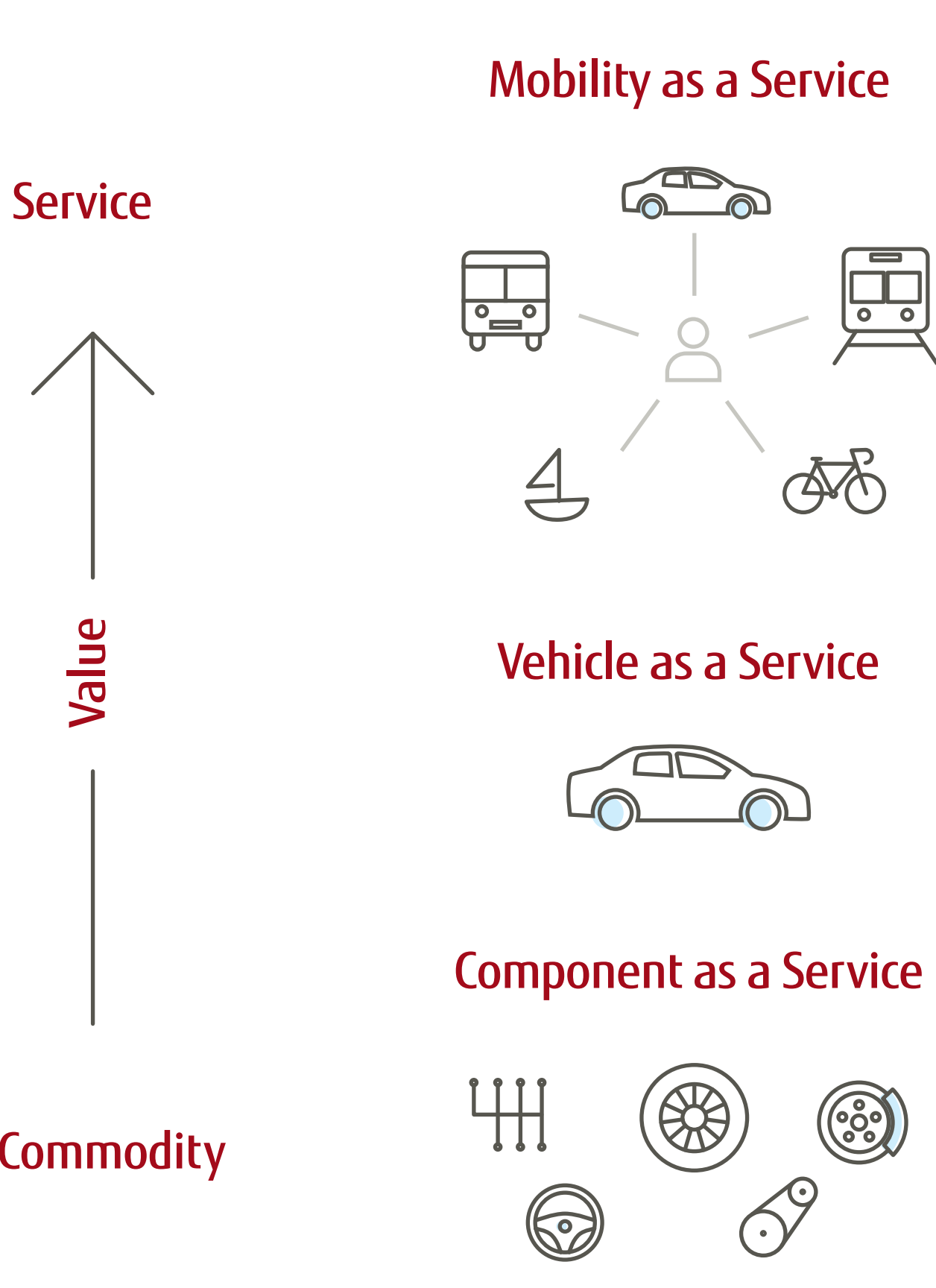
"The shift to MaaS and smart mobility was already happening and will only accelerate as a result of the COVID-19 health crisis. As consumers become accustomed to working from home and ordering goods and services to their doorstep, the industry is no longer dictating the pace of change. We are entering a more virtual world and the automotive industry needs to embrace this in order to diversify revenues and prepare itself for a new consumer experience model."

—Paul Warburton
Vice President & Head of Connected Automotive and Mobility
Fujitsu America, Inc.



Full Speed Ahead

The "New Stack" positions MaaS for the highest profit potential and we'll see manufacturers and part suppliers decline to commodity-based services.



The Future of Mobility Rides on a Services Model

At Fujitsu, we believe the future of mobility will be shaped by the organizations that form new ecosystems, linked by digital technologies, to co-create a human-centric mobility society.

Learn more about how Fujitsu is helping the auto industry move from Point A to Point B by reading our interview in Forbes:

Ready, Set, Go



Sources:
¹<https://www.statista.com/statistics/266813/growth-of-the-global-vehicle-production-since-2009/>
²<https://www.bcg.com/de-de/publications/2018/profit-tech-transforms-mobility>
³<https://www.un.org/development/desa/en/news/population/2018-revision-of-world-urbanization-prospects.html>
⁴<https://www.iea.org/topics/transport>
⁵<https://www.epa.gov/greenvehicles/greenhouse-gas-emissions-typical-passenger-vehicle>
⁶https://static1.squarespace.com/static/585c3439be65942f022bbf9b1/59f279b3652deaab9520fba6/1509063126843/RethinkX+Report_102517.pdf
⁷<https://newsroom.aaa.com/auto/your-driving-costs/>
⁸<https://ark-invest.com/analyst-research/autonomous-taxi-model/>
⁹<https://www.mckinsey.com/industries/automotive-and-assembly/our-insights/how-sharing-the-road-is-likely-to-transform-american-mobility>