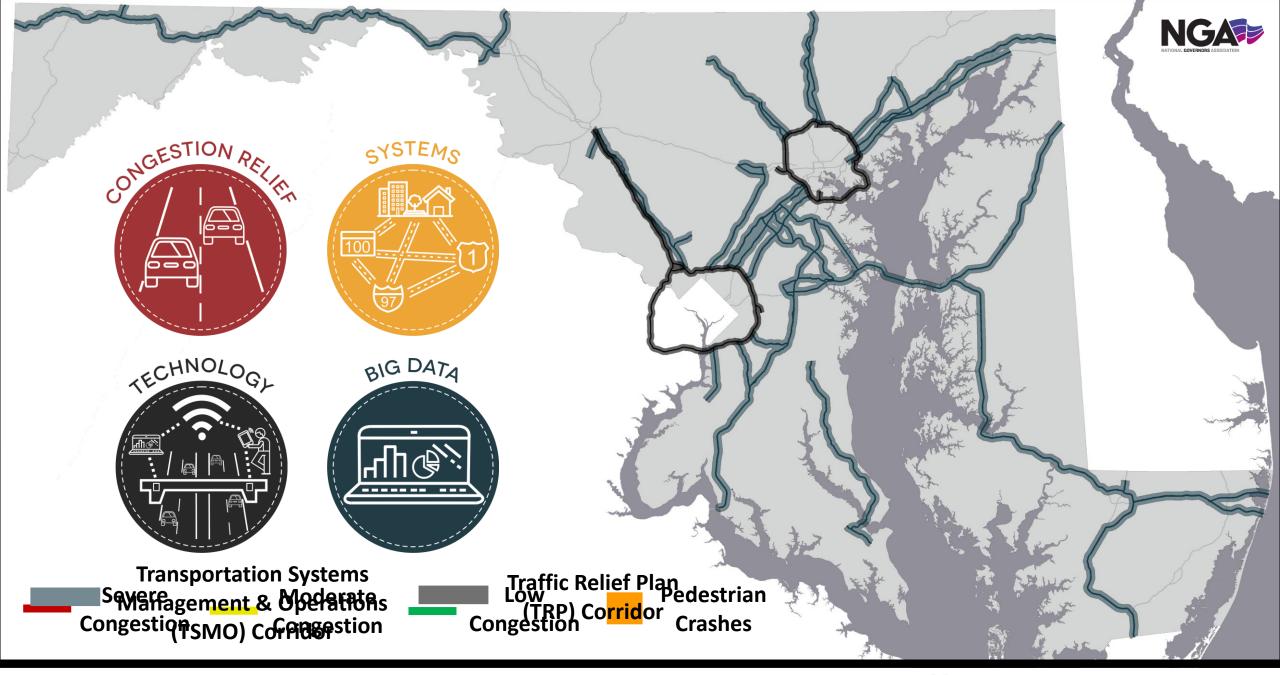
Tech to the Rescue: Can Modern-Day Solutions Blaze the Trail to Congestion Relief?

- Maryland Governor Larry Hogan
- New Hampshire Governor Chris Sununu
- Gregory Slater, Chair, AASHTO Data Management & Analytics Committee; Administrator, Maryland State Highway Administration
- ► Anant Dinamani, Principal, Deloitte Consulting LLP
- Ya-Ting Liu, Director of Government Affairs & Policy, Via



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GREG SLATER Administrator

MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION



Introduction to Deloitte's Global Future of Mobility Practice

Background

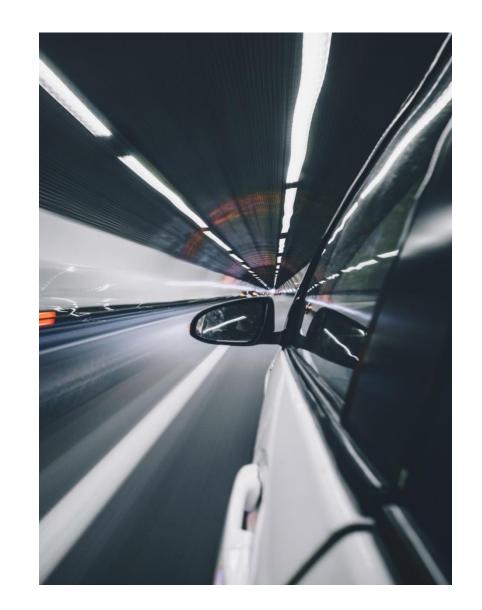
Convergence of industry-changing forces and mega-trends are disrupting existing markets and creating an **entirely new system of personal mobility**

The Future of Mobility offers an extraordinary promise, namely that more people and goods will be able to move faster, safer, cheaper, and cleaner than today

What We Do and Who We Serve

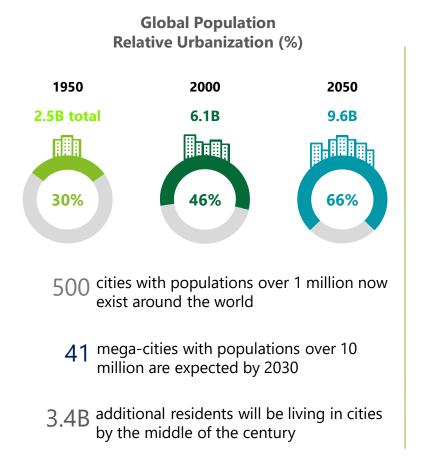
We work closely with the private sector, governments, civic leaders, unions, NGOs, technologists and universities globally to **shape the future of mobility ecosystem**

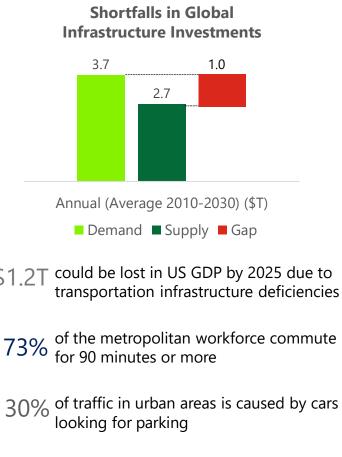
We help them **understand the disruption underway, imagine the future and "art of the possible"** to shape strategy, use cases, policy, restructure operating and business models, and adopt new technologies, mobility innovation, and digitization to **transform how their communities and organizations can succeed in the new mobility ecosystem**



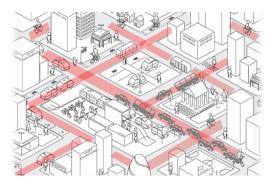
Deloitte.

Cities around the world are straining to keep pace with rapid urbanization, population Mobility growth, and infrastructure demands





Implications for Future Urban Areas in the US





City infrastructure is incapable of growing at a rate comparable to urban population growth



Congestion will increase as new forms of transportation continue to develop and over-saturate existing infrastructure and capacity



Economic growth and overall quality of life will decrease as the vitality and attractiveness of a city is compromised

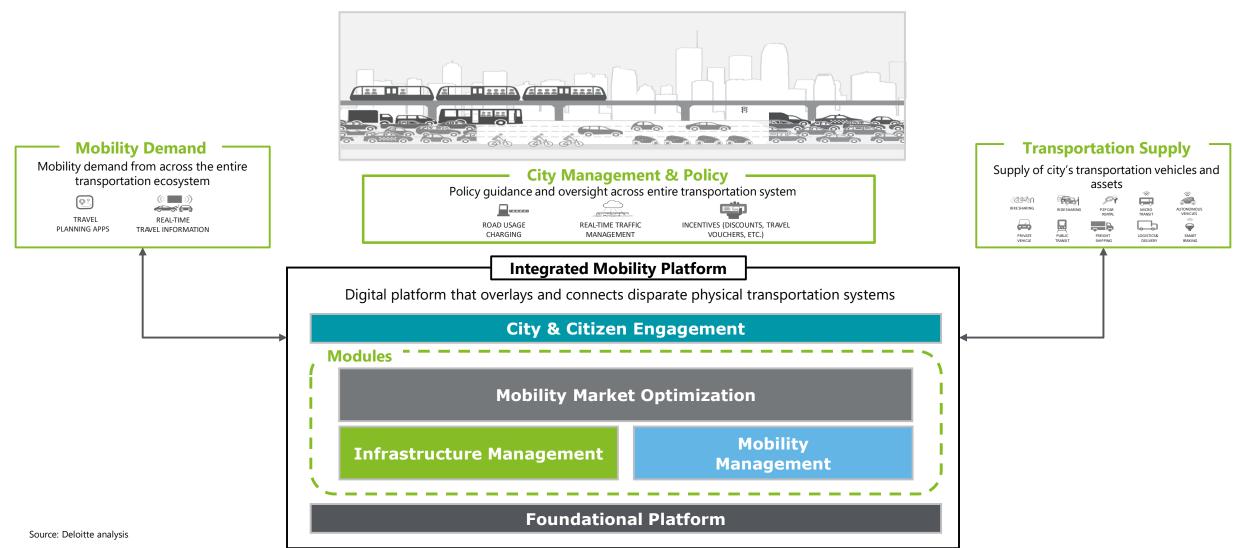
Existing transportation systems fall short of meeting current and future demand

Source: "Smart City Challenge," U.S. Department of Transportation; 2015 Urban Mobility Report, Texas A&M Transportation Institute; "Smart Cities Readiness Guide," Smart Cities Council; TomTom Traffic Index; World Economic Forum, Strategic Infrastructure report; Deloitte Analysis

Deloitte



Cities need digital platforms and solutions to connect users, service providers, and infrastructure to greatly improve the flow of people and goods







Reducing Congestion Through On-Demand Transit

August 2019

Ya-Ting Liu | Director of Government Affairs & Policy

ya-ting@ridewithvia.com

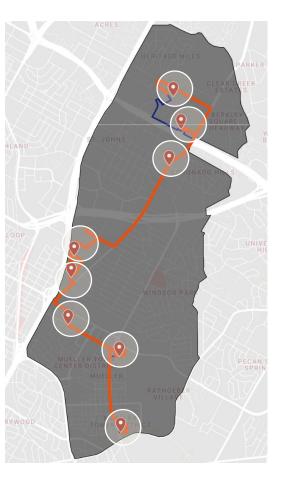


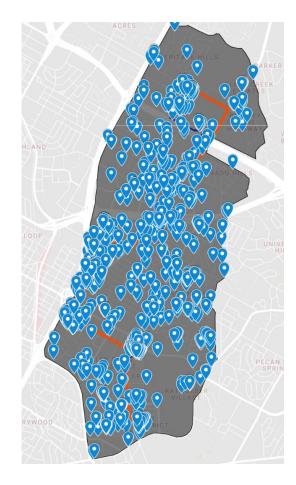
On-demand, dynamic shuttle networks: efficient, affordable, accessible transit

Traditional bus systems

- Long walks to and from bus stops
- Expensive, slow-moving vehicles
- Unpredictable and often long wait times
- Fixed routes that can't adjust to traffic







Via: on-demand public transit

VIQ

- Corner-to-corner trips with same quality of service throughout whole zone
- Dynamic routes adapt to real-time traffic + demand
- Lower operating cost and higher ridership
- Includes WAVs, solutions for unbanked, call dispatch



The world's first on-demand transit system operating at scale on a global basis



VIQ

Via's partnerships with cities, transit agencies, and operators cover a wide variety of use cases



Metro' King County

Los Angeles + Seattle

First/last mile service to transit hubs with focus on low-income neighborhoods



Arlington, TX

The only public transit service in a city that for decades was largest in U.S. with no transit

\land arriva <mark>clic</mark>k

Sittingbourne, UK

Connecting people to jobs and a rail station in a suburban/rural area VG Berliner Verkehrsbetriebe

Berlin

A mainly electric fleet of of 150 vehicles (growing to 300) - largest on-demand public transit deployment in world

VIQ

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