

**URBANISM NEXT
NATIONAL CONFERENCE 2018**

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URBANISM NEXT NATIONAL CONFERENCE - 2018

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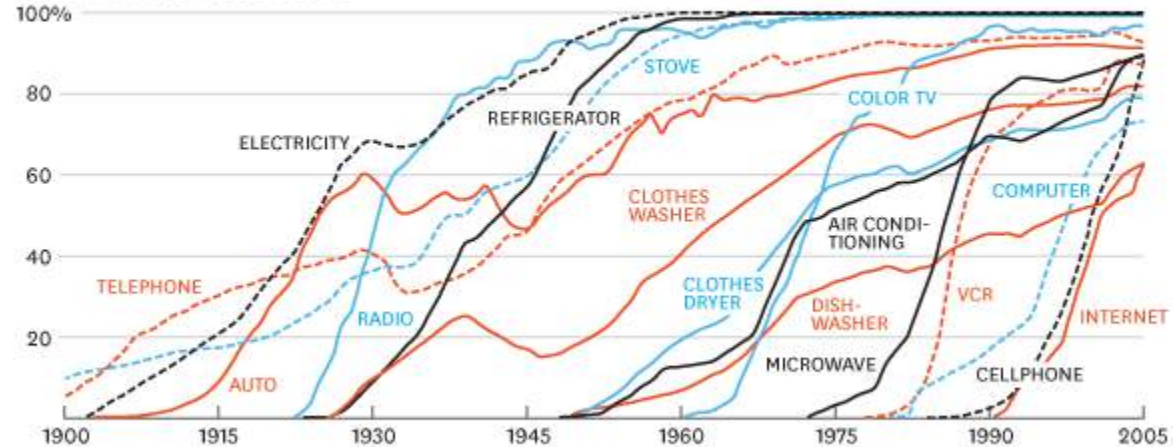
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Urbanism Next – (when?)

CONSUMPTION SPREADS FASTER TODAY

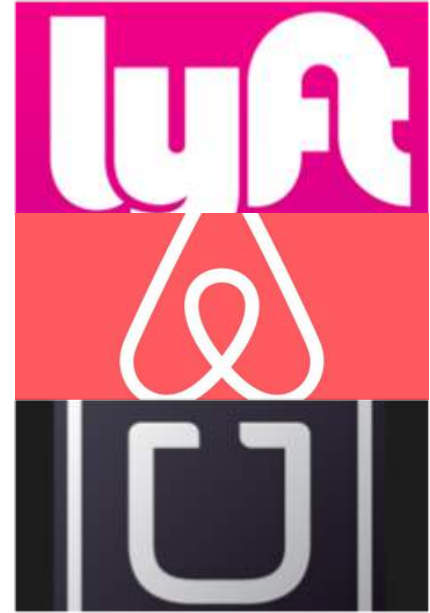
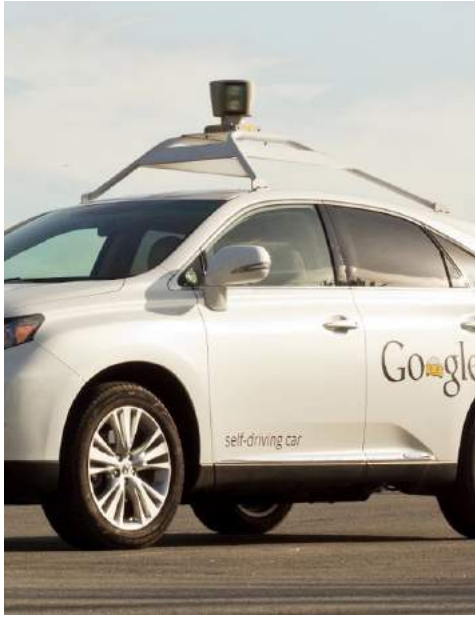
PERCENT OF U.S. HOUSEHOLDS



SOURCE MICHAEL FELTON, THE NEW YORK TIMES

HBR.ORG

- Sept. 2016 – AV Ridesourcing (Pittsburgh, Singapore)
- Nov. 2017 – Black Friday - Online > In Store --- Nearly 7,000 Store Closings in 2017
- June 2017 – 10 Top Car Manufacturers Say AVs by 2021
- Jan. 2018 – Waymo Announces Level 4 Ridesourcing











Where do your property taxes go?

The City receives only 24¢ out of each dollar of your property taxes



*Does not include bonded debt or impact of Urban Renewal
Gresham encompasses Centerbrook, Gresham-Barlow and Reynolds School Districts
Figures are rounded to the nearest penny*

Urban and Suburban Commute Times (NYC Metro Area)



ny.curbed.com







AVs ARE NOT A TRANSPORTATION ISSUE.

E-COMMERCE IS NOT A RETAIL ISSUE.

URBANISM NEXT I FRAMEWORK

SECONDARY IMPACTS

LAND USE



RETAIL/COMMERCIAL/ OFFICE/INDUSTRIAL (EMPLOYMENT USES)

How will the changing nature of travel, employment and shopping impact retail, commercial, and industrial districts?



HOUSING

What are the opportunities to increase housing through infill? Will people choose to locate in cities? Or move farther out in the suburbs?



PARKS & OPEN SPACE

How do we protect open space under the pressure to expand cities? What opportunities are there to reclaim parking lots for parks?

URBAN DESIGN



METROPOLITAN FOOTPRINT

When proximity to workplaces and goods/services is no longer holding people in cities, what will happen to their already sprawling footprints?



STREET DESIGN

As cities make plans for future expansions, changes to their street network, the inclusion of various modes/complete streets, and overall street design – what should they be considering when they include thinking about AVs and E-commerce?



TRANSIT-ORIENTED DEVELOPMENT

Will AVs help the transportation system with completing the “last mile” or will the proliferation of AV usage devastate the idea of transit-oriented development?



RESILIENCY

How do we ensure that redevelopment makes communities resilient to natural hazards?



PLACE/IDENTITY

When shopping and transportation can be acquired anywhere, what happens to business districts, shopping districts and neighborhoods?

TRANSPORTATION



WALKING

How will we regulate the interactions between pedestrians and vehicles? What happens when pedestrians can stop AVs by simply stepping into the street?



BIKING

Will the mixing of modes be frowned upon because it is such a limitation to AV efficiency? Will some areas ban bikes? How will bikes work around curbside deliveries and dropoff?



PARKING

What happens if parking utilization needs drop dramatically over a short period of time. How quickly will parking requirements shift with that?



VEHICLES

One of the biggest questions is: Preliminary models of individual ownership of AVs show VMT increasing dramatically. Will AVs be fleets or individually owned?



TRANSIT

Already, transit ridership has declined approximately 10% because of ridesharing companies. What happens to transit when AVs are deployed?

REAL ESTATE



LAND VALUE

A reduction in demand for parking will open up between 10% and 20% of land for redevelopment. How will this impact land value and project feasibility?



PROJECT FEASIBILITY

Development will likely get more risky as market conditions related to parking demand and commercial and retail viability change. How do we reduce risk?



BUZZ/VITALITY

What will draw people to places in the future? How important will entertainment factor in to where people want to congregate? How do we create “buzz”?



QUALITY

If location in relation to other areas of the city is no longer a strong factor in housing/commercial building location, will quality of design become more relevant in attracting and keeping people in cities/neighborhoods?

IMPLICATIONS FOR ...

EQUITY

How will the impacts of emerging technologies impact vulnerable and low income populations? What opportunities are there to improve services and reduce inequities?

HEALTH

Preliminary research finds that people are replacing walking, biking, and transit trips with rideshare services. If this trend continues and is exacerbated by AVs, what will the impact be on our health? What are the impacts of E-commerce on health?

ENVIRONMENT

How can we take advantage of emerging technologies to improve sustainability and environmental outcomes? Can we reduce GHG emissions? Can we improve stormwater treatment?

ECONOMY

Up to 4 million people drive for a living. What happens to their jobs with the deployment of AVs? Brick-and-mortar stores are closing as shoppers go online. How will emerging technologies disrupt the economy?

GOVERNANCE

Emerging technologies will disrupt revenues for cities, counties, and states. How do we provide a great level of service and support thriving communities?

RESPONSE

WHAT SHOULD WE DO?

Given the possible range of secondary impacts of emerging technologies on **land use, urban design, transportation, and real estate**, and the implications on equity, the economy, and the environment, **how should governments, companies, and institutions respond to maximize the benefits and minimize the risks?** How do policies, programs, and infrastructure investments need to adapt and change?

URBANISM NEXT I FRAMEWORK

EQUITY



HEALTH



ENVIRONMENT



ECONOMY



GOVERNANCE



**CITIES THAT THINK AHEAD, STAY AHEAD.
START WITH COMMUNITY GOALS.**

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- urbanismnext.uoregon.edu
- urbanismnext.com
- Research Reports
- Clearinghouse
- National Network
- Projects



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CHANGE IS COMING. WE NEED TO BE READY.



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URBANISM NEXT I FRAMEWORK

EQUITY



HEALTH



ENVIRONMENT



ECONOMY



GOVERNANCE





Think Ahead to Stay Ahead - What We Can Do

- Start with Community Goals
- Communicate and Consider (Public and Private Sector)
- Streets as a Utility (Operating Environment)
- Consider Pricing Strategies / Incentives
- Responsive Regulations (eg. Parking)
- Prepare for Economic / Social Impacts