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UNDERSTAND DISRUPTIONS
UNDERSTAND CASCADING IMPACTS
SHAPE OUTCOMES

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NEW MOBILITY
AUTONOMOUS VEHICLES
E-COMMERCE

UNDERSTAND DISRUPTIONS
UNDERSTAND CASCADING IMPACTS
SHAPE OUTCOMES

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NEW MOBILITY
AUTONOMOUS VEHICLES
E-COMMERCE
COVID-19

UNDERSTAND DISRUPTIONS
UNDERSTAND CASCADING IMPACTS
SHAPE OUTCOMES

URBANISM NEXT | FRAMEWORK

Forces of Change

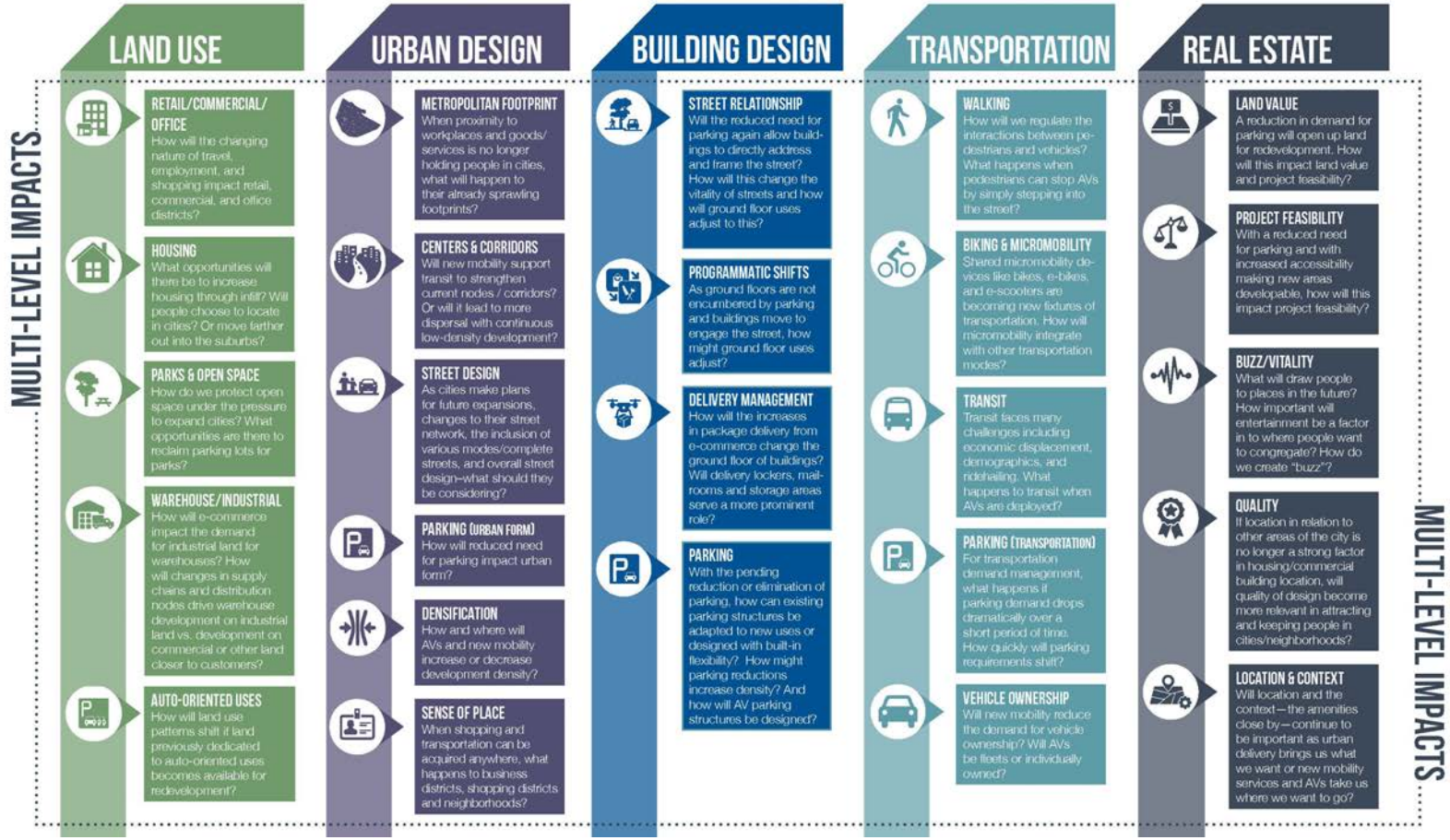
New Mobility

Autonomous Vehicles

E-Commerce

Urban Delivery

COVID-19



Implications

Equity

Health & Safety

Environment

Economy

What to Do?

Governance

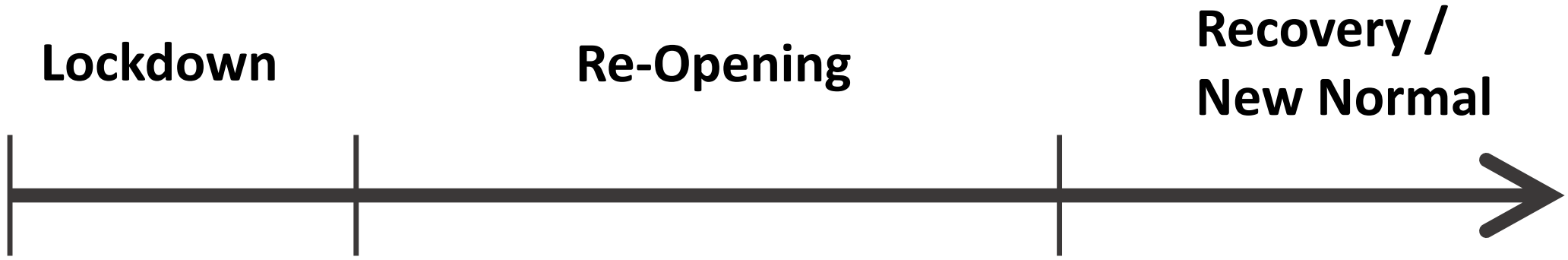
Design

Education & Outreach

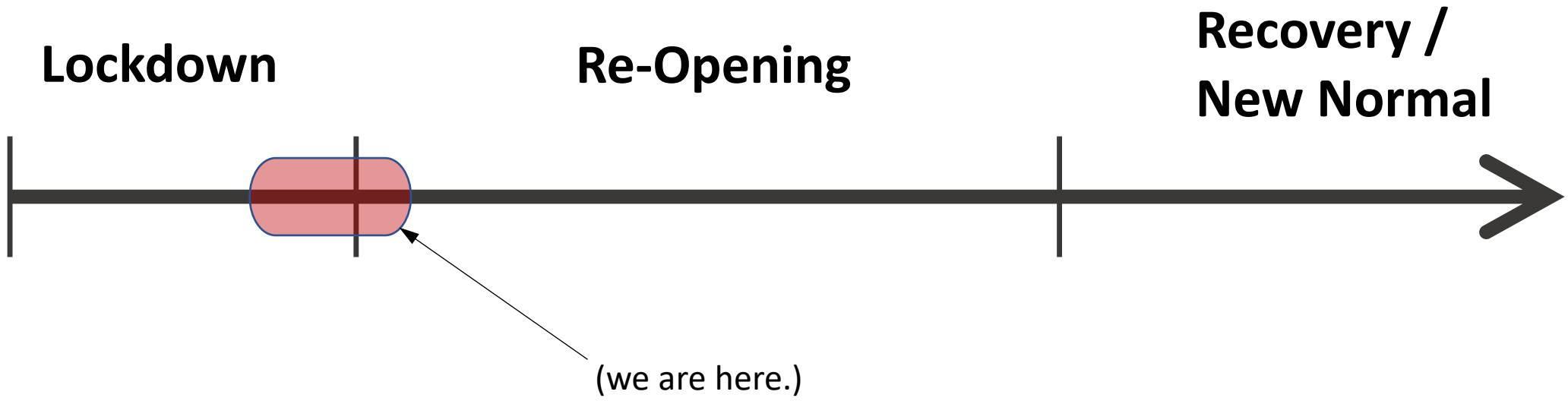
Research

urbanismnext.org

URBANISM NEXT - COVID-19



URBANISM NEXT - COVID-19



URBANISM NEXT - COVID-19

WILL WE (BIKE / SCOOTER / CAR / RIDE) SHARE?

IS THIS THE END OF CITIES?

WILL WE (BIKE / SCOOTER / CAR / RIDE) SHARE?

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IS THIS THE END OF CITIES?

WILL WE (BIKE / SCOOTER / CAR / RIDE) SHARE?

WILL WE WORK FROM HOME?

KEY VARIABLES

- LENGTH OF RE-OPENING
- FEAR OF FUTURE PANDEMICS (?)
- MAGNITUDE OF ECONOMIC IMPACTS

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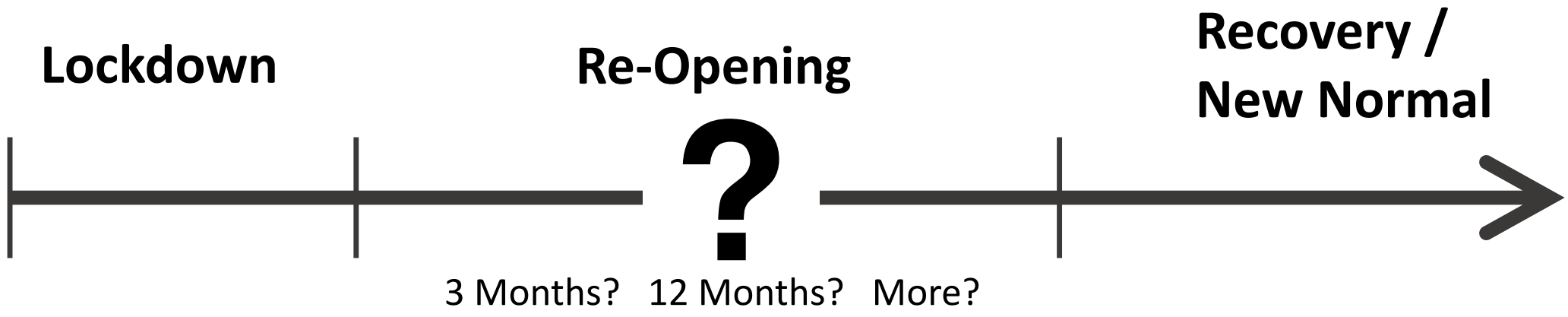
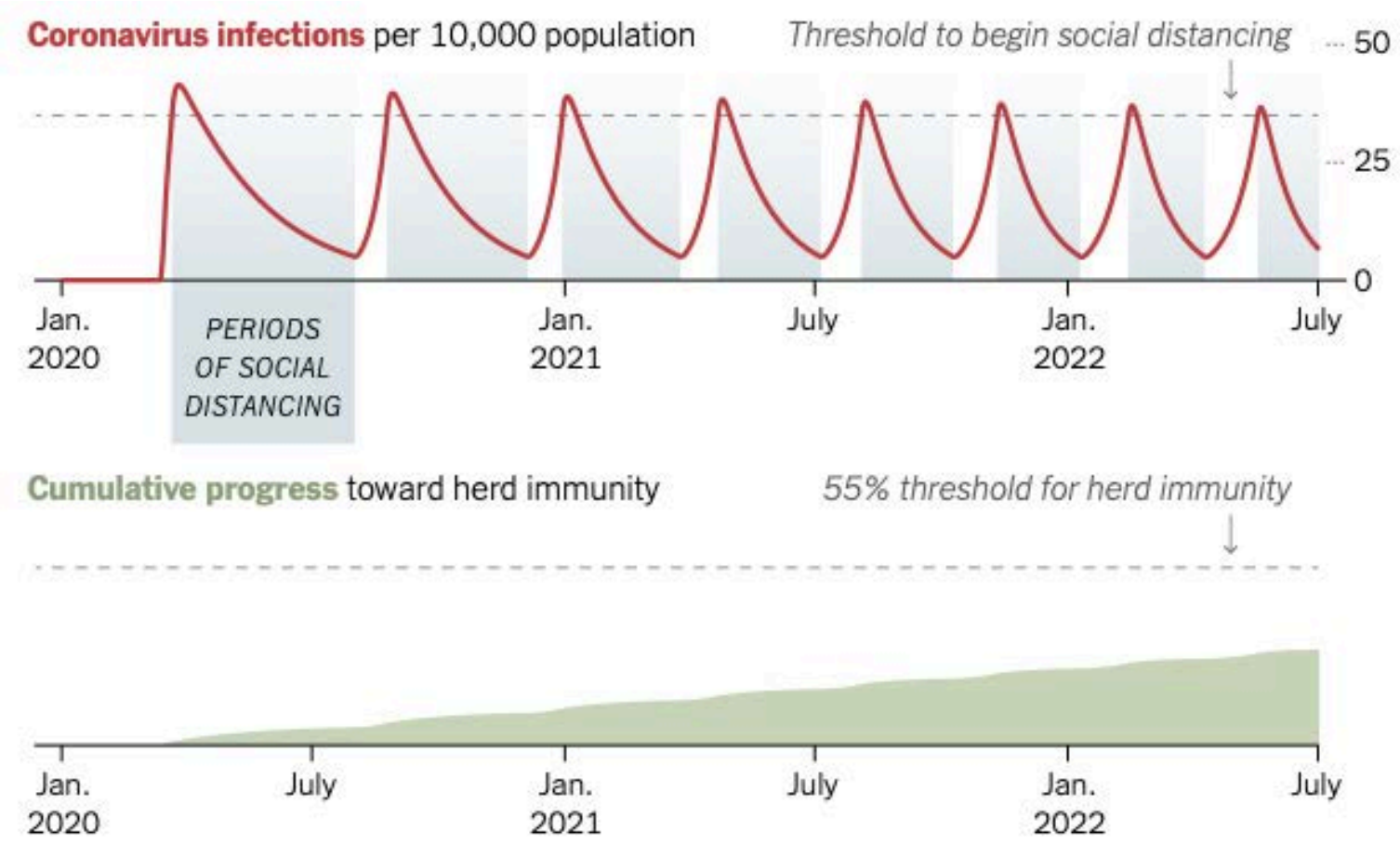
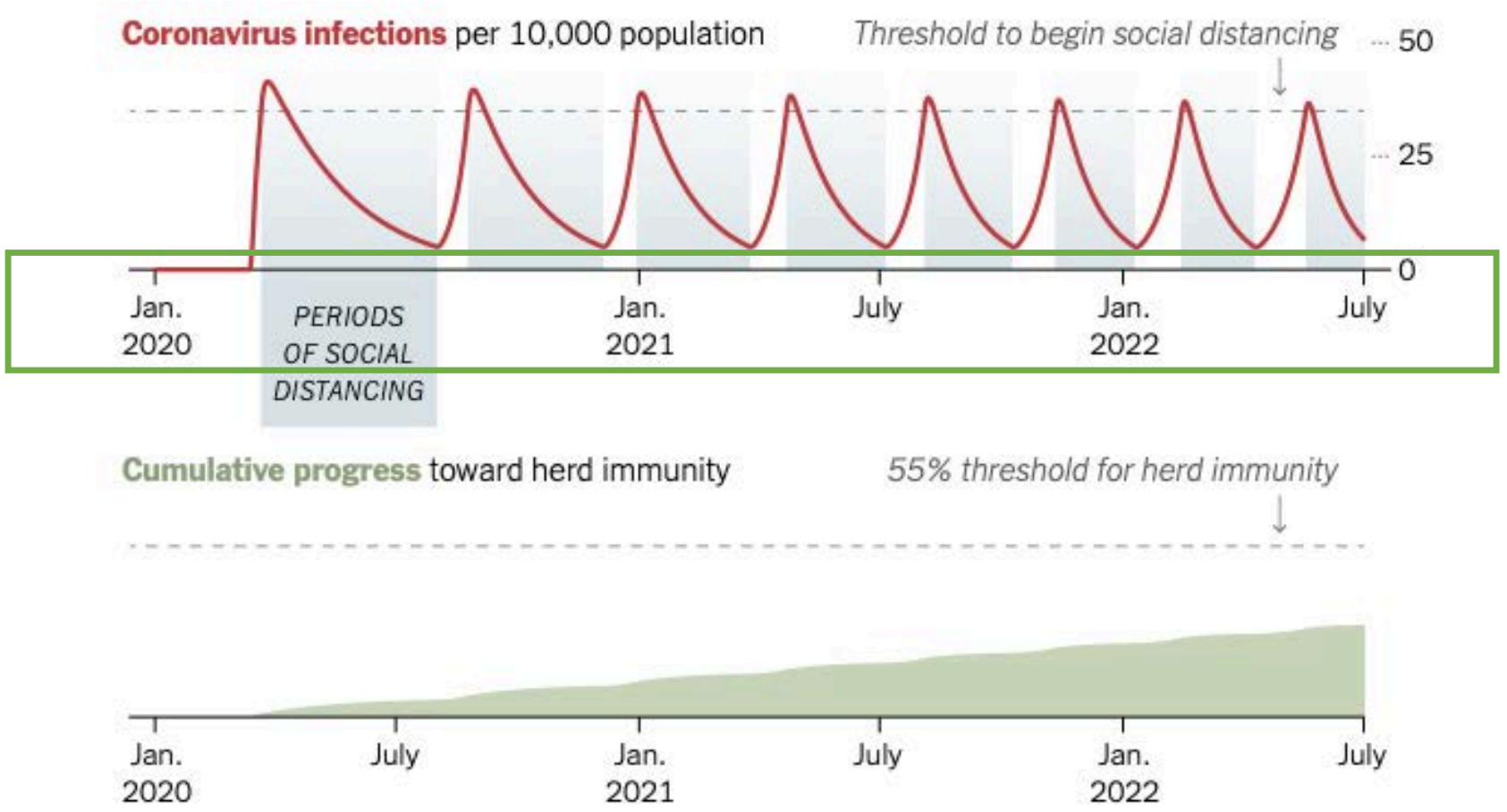
- LENGTH OF RE-OPENING
- FEAR OF FUTURE PANDEMICS (?)
- MAGNITUDE OF ECONOMIC IMPACTS


Lockdown
Re-Opening
?
Recovery /
New Normal
3 Months?
12 Months?
More?



Based on Kissler et al., Science, April 2020
NYTimes – May 8, 2020

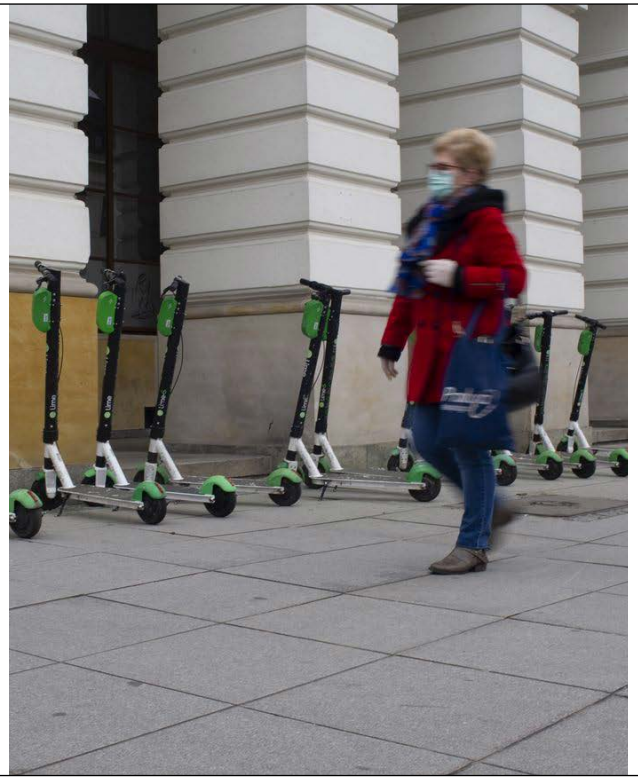


Based on Kissler et al., Science, April 2020
NYTimes – May 8, 2020

‘NOTHING IS MORE POWERFUL THAN CUSTOM OR HABIT.’

Ovid

mobike



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For free.
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E-Commerce – Up 20+%
Earnest Research, April 2020

Work from Home = 44% of Workforce
Clutch, April 2020

E-Commerce – Up 20+%
Earnest Research, April 2020

KEY VARIABLES

- LENGTH OF RE-OPENING
- FEAR OF FUTURE PANDEMICS (?)
- MAGNITUDE OF ECONOMIC IMPACTS

ONCE IN A LIFETIME / ONE OF MANY?

KEY VARIABLES

- LENGTH OF RE-OPENING
- FEAR OF FUTURE PANDEMICS (?)
- MAGNITUDE OF ECONOMIC IMPACTS

ECONOMIC IMPACTS – NEW MOBILITY

Limit Demand

Limit Supply

Spur Consolidation

Eliminate Competition

ECONOMIC IMPACTS – NEW MOBILITY

Limit Demand

Limit Supply

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Eliminate Competition

GRUBHUB™ → Uber

JUMP → Lime

ECONOMIC IMPACTS – NEW MOBILITY

Limit Demand

Limit Supply

Spur Consolidation

Eliminate Competition

GRUBHUB™ → Uber

JUMP → Lime → Uber

WHAT ARE THE CASCADING IMPACTS?

WORK FROM HOME - CASCADING IMPACTS

Reduced Peak Travel Demand

WORK FROM HOME - CASCADING IMPACTS

Reduced Peak Travel Demand

Reduced Demand/
Value of Office Real Estate

WORK FROM HOME - CASCADING IMPACTS

Reduced Peak Traffic Demand

Reduced Demand/
Value of Office Real Estate
(and retail, and restaurant…)

WORK FROM HOME - CASCADING IMPACTS

Reduced Peak Traffic Demand

Reduced Demand/
Value of Office Real Estate
(and retail, and restaurant…)

Increased Demand for
Neighborhood Commercial

EQUITY, HEALTH AND ENVIRONMENT IMPACTS

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VIRTUAL FORUM SCHEDULE

8:30 AM–8:55 AM	Welcome Nico Larco, Urbanism Next Center
8:55 AM–9:35 AM	Using Data to Understand Our New Transportation Reality Ron Milam & Eric Womeldorff, Fehr & Peers Laura Schewel, Streetlight Data
9:35 AM–9:55 AM	Transportation Agency Impacts & Strategy Post Pandemic Seleta Reynolds, Los Angeles Department of Transportation
9:55 AM–10:15 AM	Break
10:15 AM–11:15 AM	Uncharted Territory - Resilience and Recovery in Shared Mobility Laura Bliss, CityLab / Bloomberg News Shin-pei Tsay, Uber Alex Pazuchanics, Seattle Department of Transportation
11:20 AM–12:20 PM	E-commerce & Retail Trends Garrick Brown, Cushman & Wakefield Sucharita Kodali, Forrester

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VIRTUAL FORUM SCHEDULE

12:20 PM–12:40 PM	Break
12:40 PM–1:00 PM	The Disrupters Disrupted? Policy Frameworks Shaping the Role of New Mobility Solutions in European Cities Karen Vancluysen, Polis
1:00 PM–1:20 PM	Back to Normal? Tamika Butler, Toole Design
1:20 PM–1:40 PM	Leading Change – from Vision to Action Harriet Tregoning, NUMO
1:40 PM–2:00 PM	Closing Remarks Jeffrey Tumlin, San Francisco Municipal Transportation Agency
2:00 PM–2:05 PM	Urbanism Next Closing Remarks Nico Larco, Urbanism Next Center

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Izabel Loinaz, Business

Roberta Mann, Law

Nicole Ngo, PPPM

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Lina Stepik, LERC

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Juliette Coia, Economics

Jake Bryda, Architecture

Jasmeen Ezat Agha, Architecture

Caitlin Senne , Architecture

Josymar Rodriguez, Architecture

Katherine Martin, Architecture

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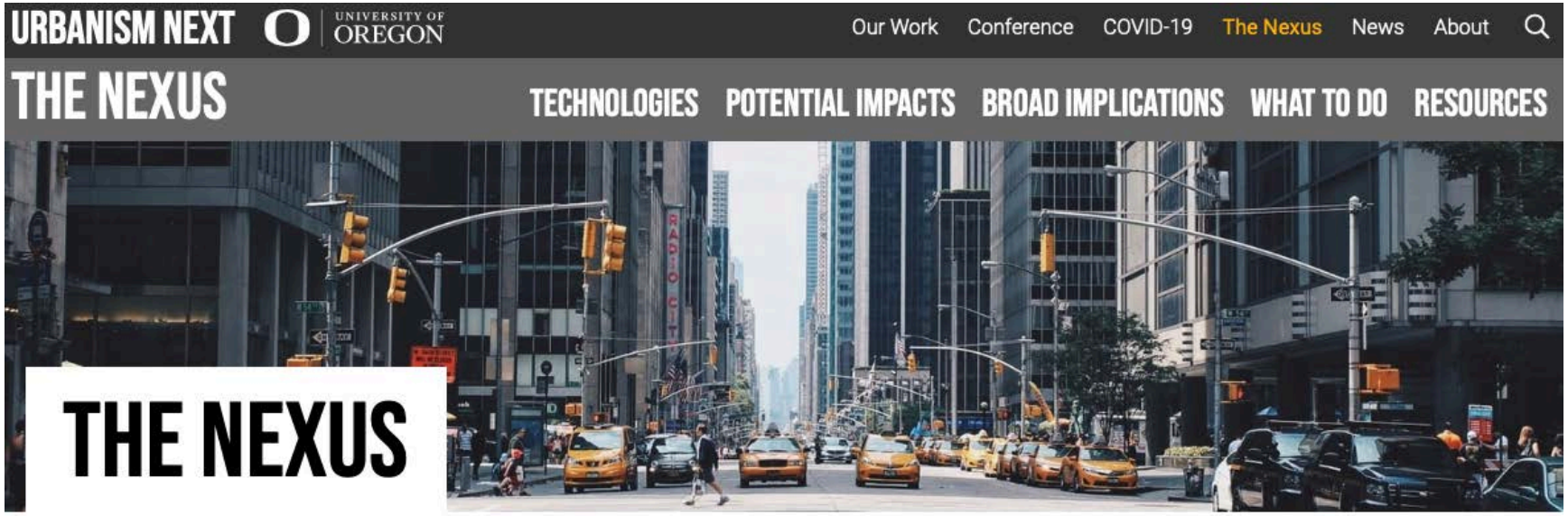

Welcome to The Nexus!

The Nexus examines the potential impacts that new mobility, autonomous vehicles, e-commerce, and other innovations will have on cities and communities.

Understanding how new technologies might impact cities is essential for smart decision-making. Use the below links to explore The Nexus by topics, view examples of how to address these issues, and access resources for researching and sharing this information.

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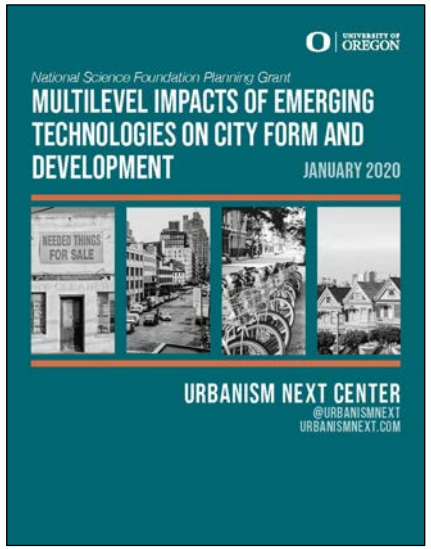

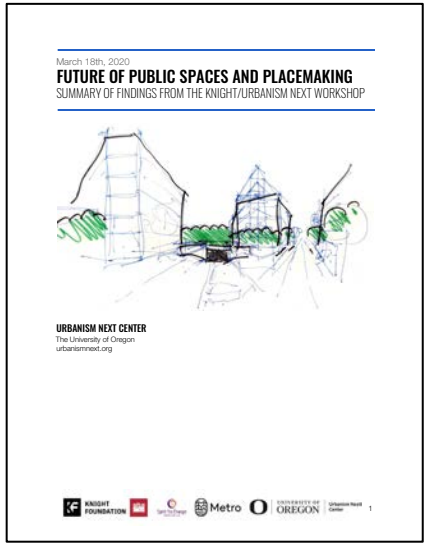

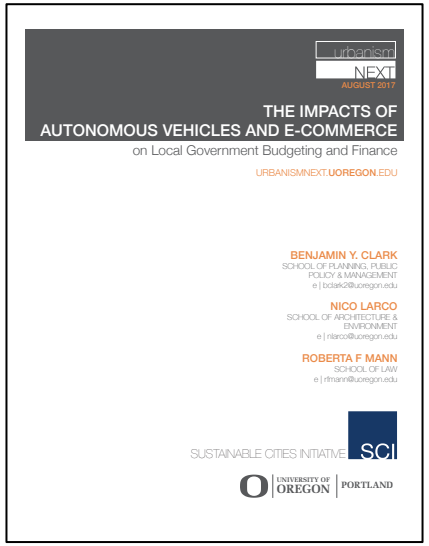

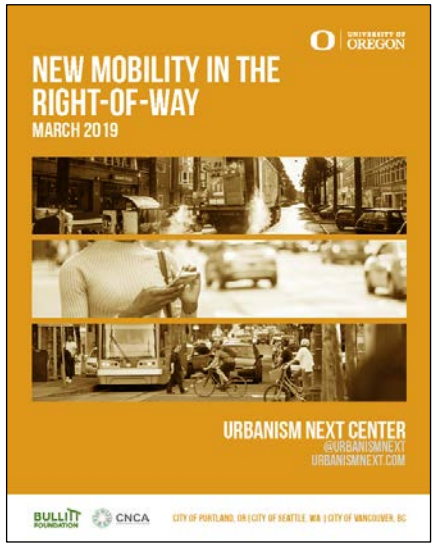

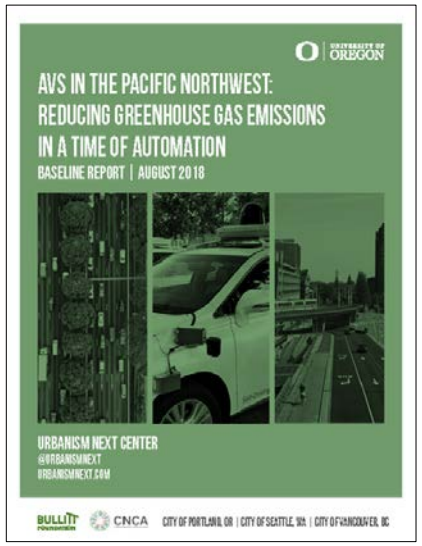

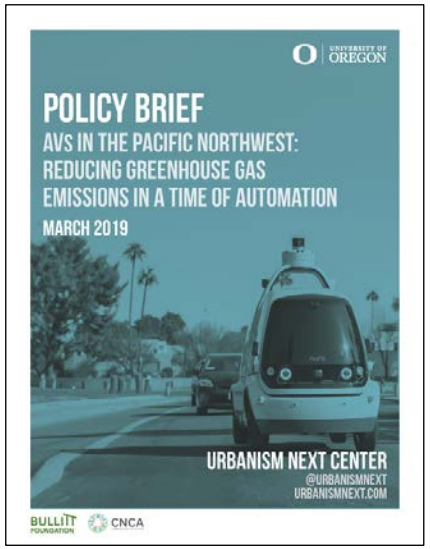

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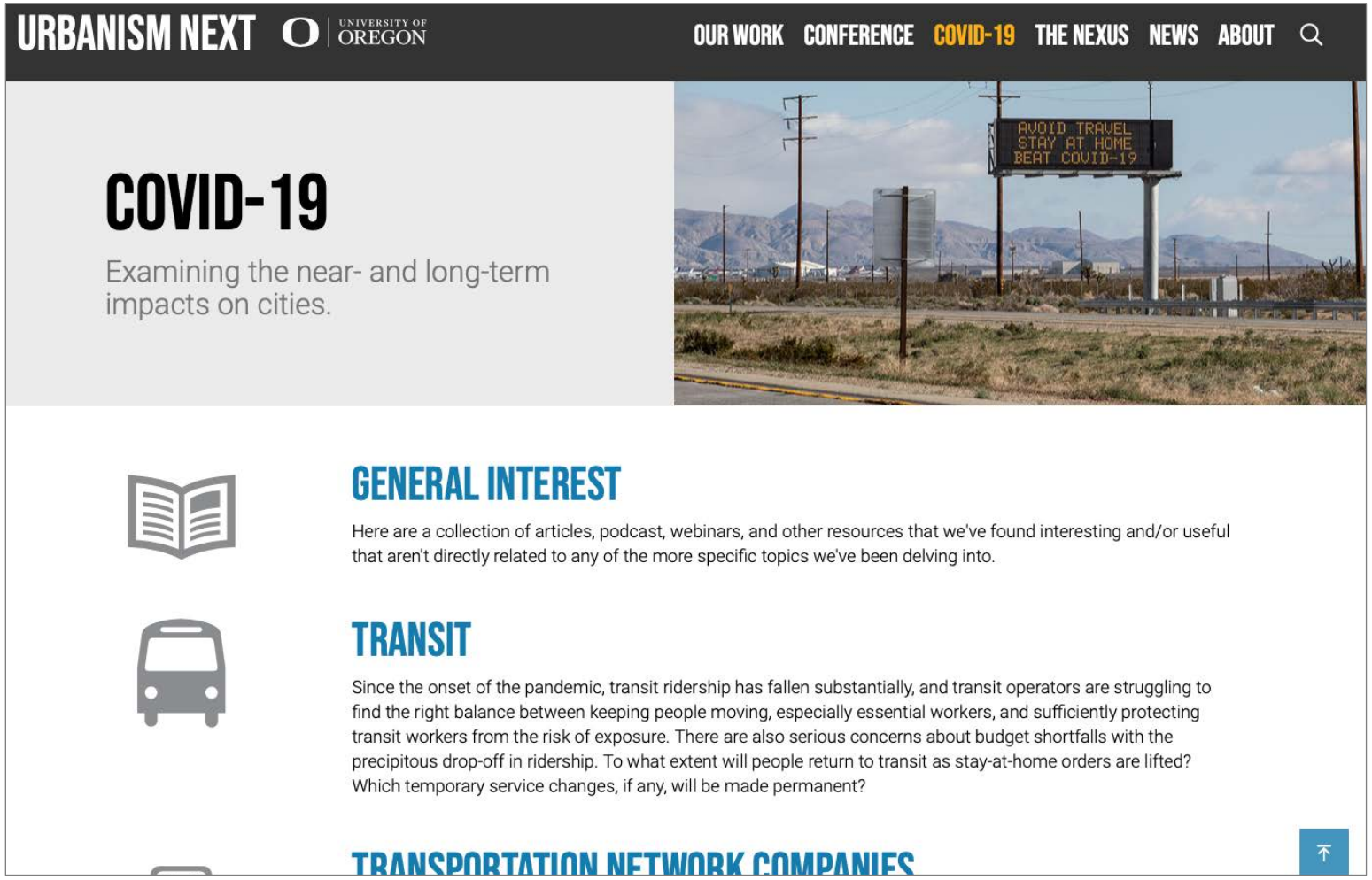
COVID-19 - RESOURCE PAGES



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‘OPTIMISM IS TRUE MORAL COURAGE.’

Ernest Shackleton, Explorer

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