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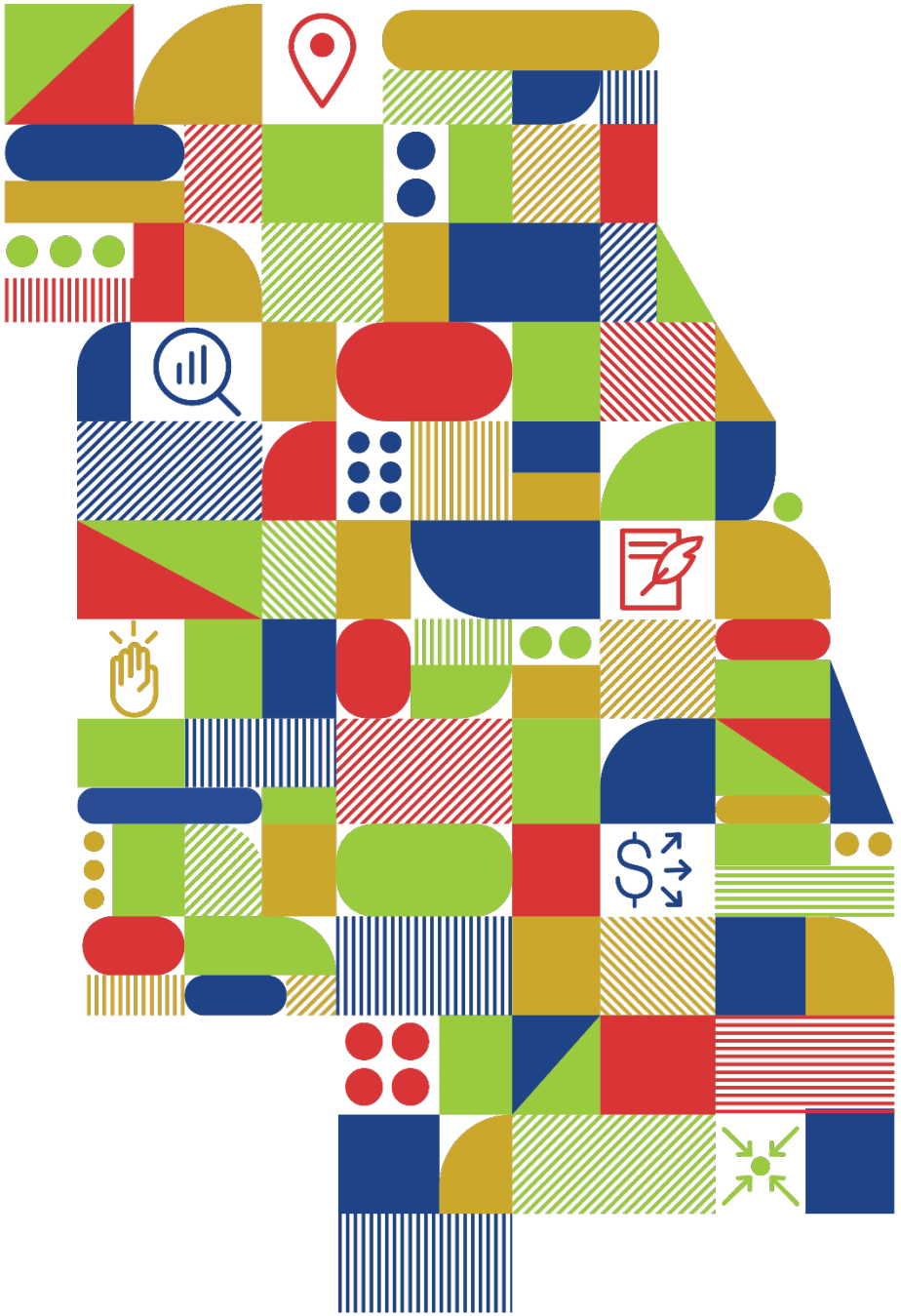
Rethinking mobility in a Post-COVID Chicago region



June 4, 2021

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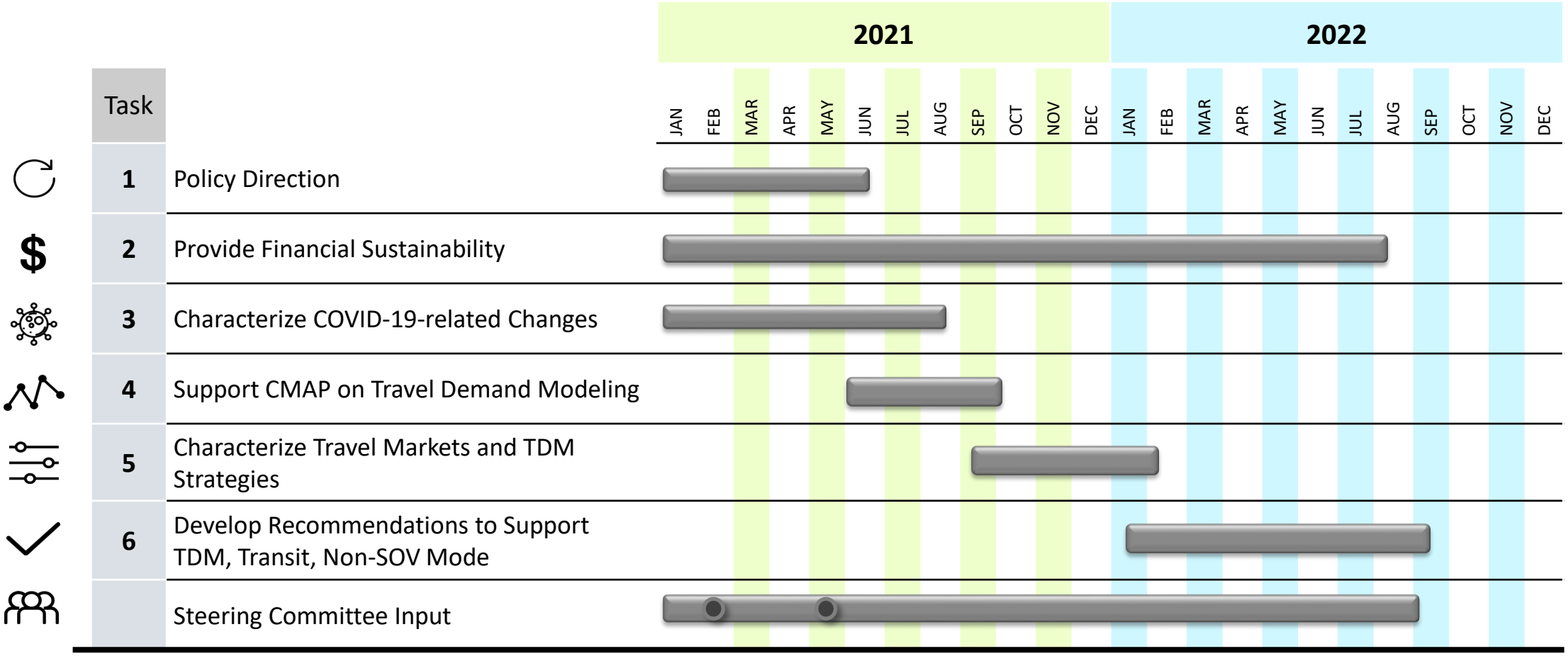
Mobility recovery scope



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CED WILL COUNTY CENTER FOR ECONOMIC DEVELOPMENT

AARP

ELEVATED Chicago

pace

cta

ACTIVE TRANSPORTATION ALLIANCE

Civic Committee
COMMERCIAL CLUB OF CHICAGO

U.S. Department of Transportation
Federal Transit Administration

CHICAGOLAND
CHAMBER OF COMMERCE

MetropolitanPlanningCouncil

COLLEGE OF URBAN PLANNING AND PUBLIC AFFAIRS
UIC

Illinois Department of Transportation

LUCHA
ADVANCING HOUSING AS A HUMAN RIGHT

U.S. Department of Transportation
Federal Highway Administration

CDOT
Chicago Department of Transportation

Metra

Regional Transportation Authority

ACCESS LIVING

Association House of Chicago
OPPORTUNITY IN THE COMMUNITY

AURORA ILLINOIS

Illinois Tollway

ULI Urban Land Institute

SHARED-USE MOBILITY CENTER

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Policy direction

Policy Focus Areas

1. Transportation Equity
2. Shared Mobility
3. Demand Management
4. Deploying Technology

1 Transportation Equity

Emergency Bike Lanes – Paris, FR

★ **Rapid Equity Assessment tool** – Los Angeles, CA

Superblock Model Expansion – Barcelona, ES

Distributional Appraisal (Equity Weights in Infrastructure) CBA – UK

CTA Pop-Up Bus Lanes- Chicago, IL

Fare-free Shuttles to COVID Vaccine Sites – Oakland, CA

2 Shared Mobility

LA Metro's Mobility-on-Demand Service – Los Angeles, CA

PBOT Micro-Transit Polices – Portland, OR

Go Nightly Rideshare Program – Miami, FL

GoLink On-demand Curb-to-Curb Service- Dallas, TX

PBOT Micro-Transit Policies- Portland, OR

3 Demand Management

Intelligent Travel Management – Paris, FR

Miami-Dade TPO Telecommute Study – Miami, FL

Road Pricing System – Singapore

Congestion Charge and Ultra Low Emission Zone (ULEZ) Zone – London, UK

Dynamic Pricing on I-55 Managed Lane Project – DuPage & Cook Counties, IL

4 Deploying Technology

★ **Fare Coordination and Integration Study** – Bay Area, CA

AT Mobile App Real-time Bus Capacity – Auckland, NZ

★ **OReGO VMT TAX** – Oregon

Parcel Locker Network - Singapore

Financial sustainability

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Fully fund the region's transportation system

Sketch Model Approach

How are we evaluating financial sustainability?

- Considers a typical future year
  - Annual operating expenses and revenues
  - Annualized capital cost and revenues
- Reduces analysis to a simple question: How can we reasonably increase revenues across a set of potential sources to support the planned services/investment?

Policy Focus Areas

What kinds of policies and projects could we test with this tool?

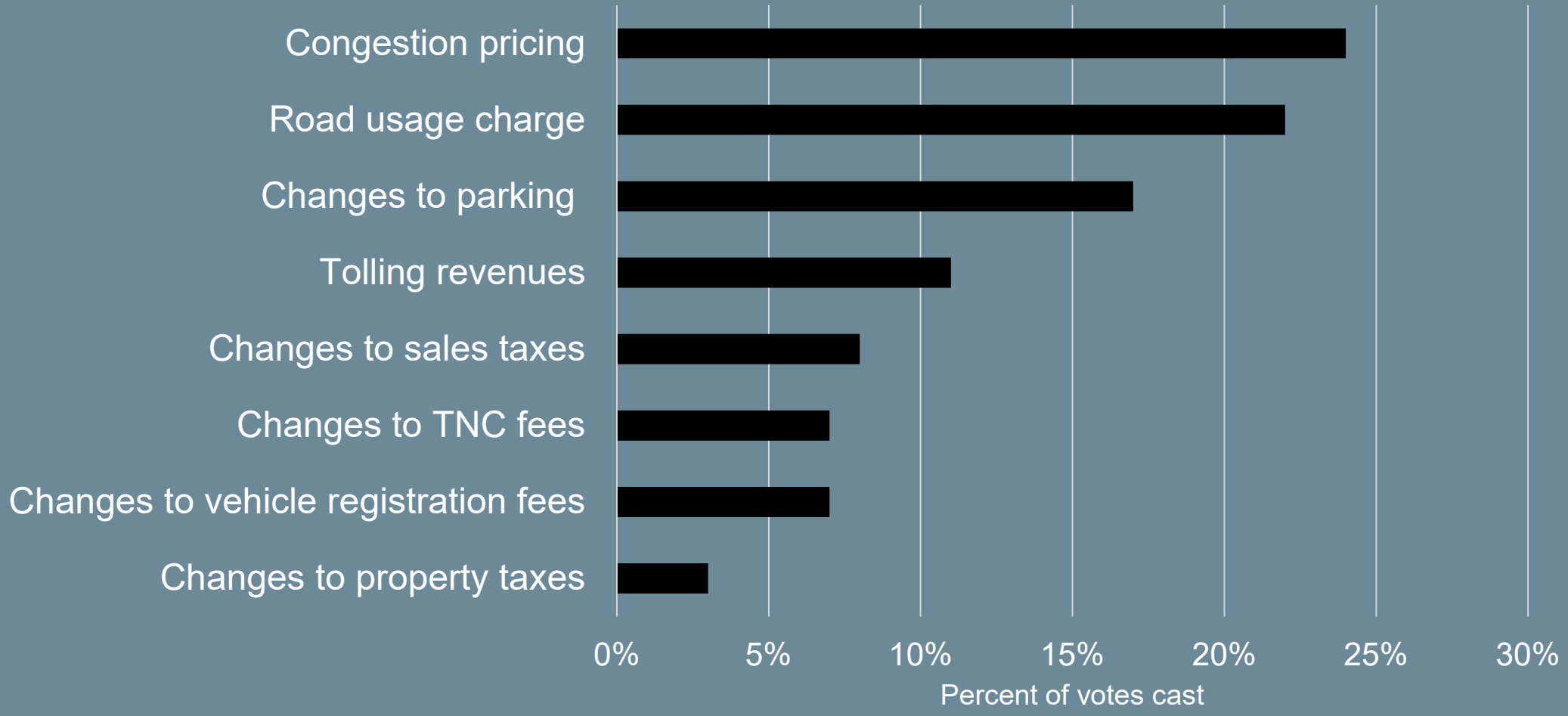
Revenues

- Congestion pricing revenues
- Tolling revenues
- Road usage charges
- Changes to….
  - Sales tax
  - Vehicle registration fee
  - Transportation Network Company trip tax
  - Parking tax

Policy Actions

- Transit service changes
- Capital investments
- Congestion pricing
- Additional tolled facilities, including managed lanes

What funding and revenue sources are most promising?



Next steps

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Next Steps

- Conduct real estate professional interviews (developers, landlords, etc.)
- Continue disaggregation of travel trend data
- Synthesize changing travel behaviors with spatial patterns
- Provide input to scenarios for population & employment forecasts, travel demand models

Questions?

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