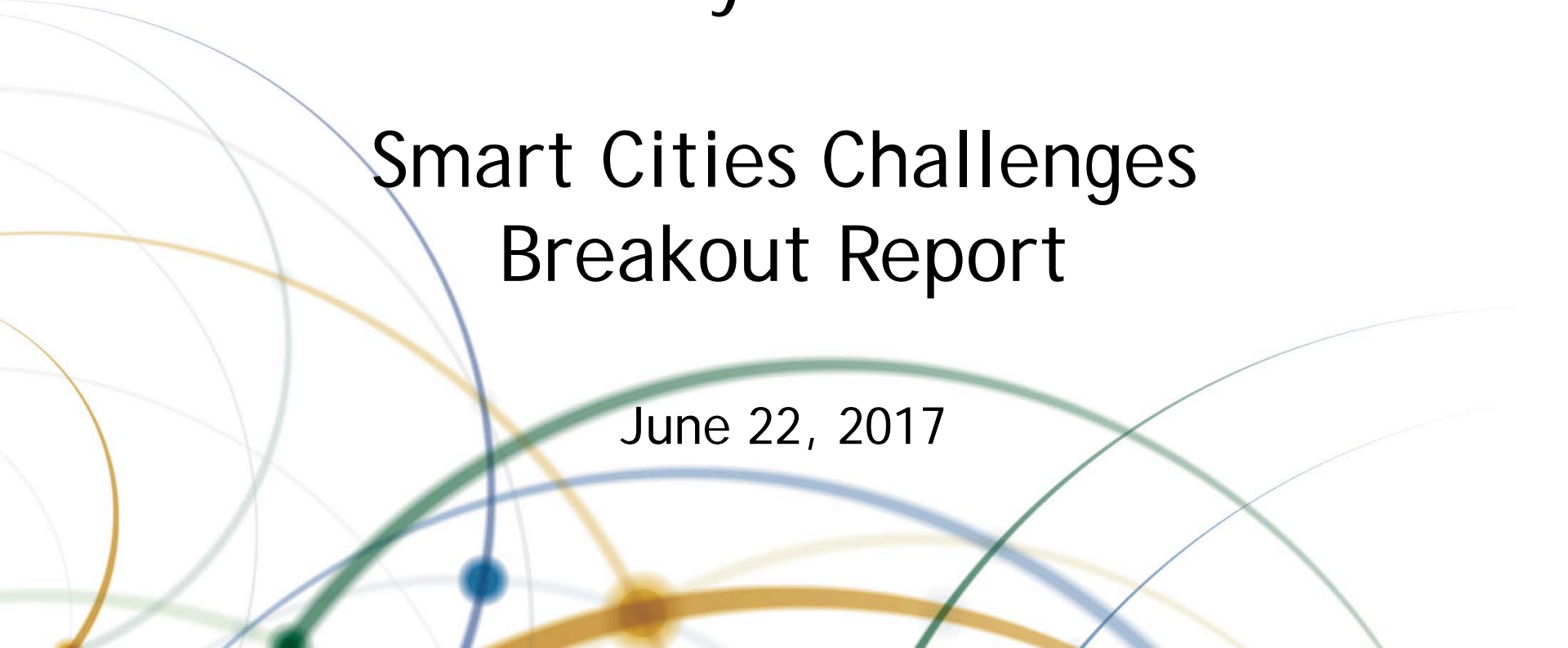# June 2017 Executive Committee Policy Session

Smart Cities Challenges Breakout Report

June 22, 2017

Key Themes

- Elements of a smart city
  - User-centric
  - Multiple sources of data/information flows
  - "Smart" layer/grid – analysis and on-time delivery of information
  - Built-in controls (regulation, security)
- Policy objectives
  - Development of new business models to share information across sectors and levels of government
  - Demonstrated VALUE to all stakeholders
  - Political context

Key Themes

- Transportation objectives
  - Opportunity to implement ubiquitous user-centric solutions (for traveler and owner/operator)
  - Opportunity to leverage resources across government agencies and private sector
  - Requires integration of all service providers

Potential Actions

- Information and guidance
  - TRB, as neutral convening authority, can serve as curator of knowledge and best practices from across the globe
  - Forum for exchange of ideas (policy, value, scaling)

Potential Actions

- Future challenges/potential research
  - Regional connectivity (multiple cities, urban and rural)
  - Real-time information connections between suppliers and users to maximize efficiencies and utilization
  - Landscape survey of physical and digital safety and security (in conjunction with desired community values)
  - Need for standardization (role of federal agencies)
  - Revenue models/pricing structure for transportation