

June 2017 Executive Committee Policy Session

Lessons from Other Smart Cities Breakout Report

June 22, 2017

Key Themes (1)

- Cities continue to look for advice/information after the SM challenge was done
- Scalability and data management are problematic (data analytics, overload, regulations)
- The broad challenge is one level up - housing, gentrification, poor pushed out to fringe communities with poor transit/shared mobility. (Partner with other academies?)
- What are the unintended consequences of smart cities, AVs, shared mobility? (Would this drive a policy study?)

Key Themes (2)

- Procurement processes deter innovation.
- A lot of cities not selected were engaged to think about digitization, achieved smaller doable projects.
- Transportation is more mature than other smart city components and is in the 'driver's seat'
- Incentive-based approach by US DoT was new and a small amount of money had big impacts in gaining citizen engagement and project initiation.

Potential Actions for TRB 91)

- TRB annual meeting papers - lots of work in both data and policy committees on modeling future choices by users so organize these in some special sessions
- Policy studies
 - How does the long-range planning process get changed (portals /dashboards extracted from big data)?
 - Inventory of projects because cities want/need a common source of information on what works
 - Lessons learned registry is needed for progress
 - Identifying the role of the private sector in leading and funding smart cities.

Potential Actions for TRB

- Research topics
 - Appropriate for NCHRP, TCRP and other programs?
 - Appropriate for Forum on Preparing for AVs and Shared Mobility Systems?