UNIVERSITY OF MARYLAND

Baltimore Smart and Connected Communities 2017-18 Planning - Presentation Event

July 12, 2018

KEY FINDINGS: How Can Investments in Smart Cities Technologies Improve the Lives of Low-Income, Inner-City Residents?

FIRST THINGS FIRST – LESSONS FROM OTHER CITIES

Protocol	Findings	Next Steps

• Interviews with:
  ○ Colorado Springs, CO
  ○ Columbus, OH
  ○ Kansas City, MO
  ○ Louisville, KY
  ○ Portland, OR
	• Smart cities initiatives should be driven by city goals
	  ○ Not solutions looking for a problem
	• Residents should be involved from the beginning, and cities should communicate updates and results of a smart cities initiative to residents in multiple ways
	  ○ Communication should continue throughout the smart cities project/process
	• Smart cities plans should be integrated with existing data governance committees and practices to preemptively address concerns
	  ○ Smart cities data structures are not different from administrative data
	• Cities should work with vendors and other partners to address issues of data ownership, sharing, and security and privacy
	  ○ Include outcomes in vendor contracts where possible/appropriate
		• See full guide of findings and recommendations

ENGAGING RESIDENTS IN THE PLANNING

Protocol	Findings	Suggestions
• Partnered with community organizations and leaders by leveraging ongoing relationships • Engaged the community in two rounds of deep conversations about neighborhood priorities and challenges and potential smart city solutions	• Equity: Acutely aware of technological advances that other communities have • Resilient: Sophisticated use of the technology they do have • Gift economy: Sharing and mapping of free wi-fi • Public/Private: No street corner activity • Concerns: Public safety, quality of food, jobs and transportation	• Access rather than new technology • Work spaces • Maintenance/programming jobs to provide sustainability • Consistent with services in nearby affluent neighborhoods • Cost and bill effective • Balance human and technology roles

HOW NEIGHBORHOODS ACCESS AND USE DATA

Protocol	Findings	Next Steps

• Data sharing as a knowledge management strategy can help establish common understandings among potential collaborators
• Use community-based indicators as a proxy for neighborhood issues
• Hold community trainings to: understand how neighborhoods use and access data; determine neighborhood's concerns and issues that can be measured using existing/current open data
  ○ Meeting 1 – presentations on available data with discussion
  ○ Meeting 2 – hands-on computer workshops for accessing data
	• How to we address these community concerns to enable shift from "data subjects" to "data citizens"
	• Which resources be used to leverage funding/grants?
	• How can we find information across different sources?
	• How can we best visualize data for action/strategizing?
	• How can we use data to brainstorm and learn?
	• What is the quality of the data?
		• "Crowdsource Data Tool Collective for Baltimore" event at 7/13 Baltimore Data Day
		• Create a resource for everyone to view and keep track of new and existing applications using open data to improve the quality of life in Baltimore.
		• Results of this event will be a crowdsourced, open compilation of existing tools that can be used by communities and enhanced by civic technologists and others at future events. Available at http://citydata.tools/

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