



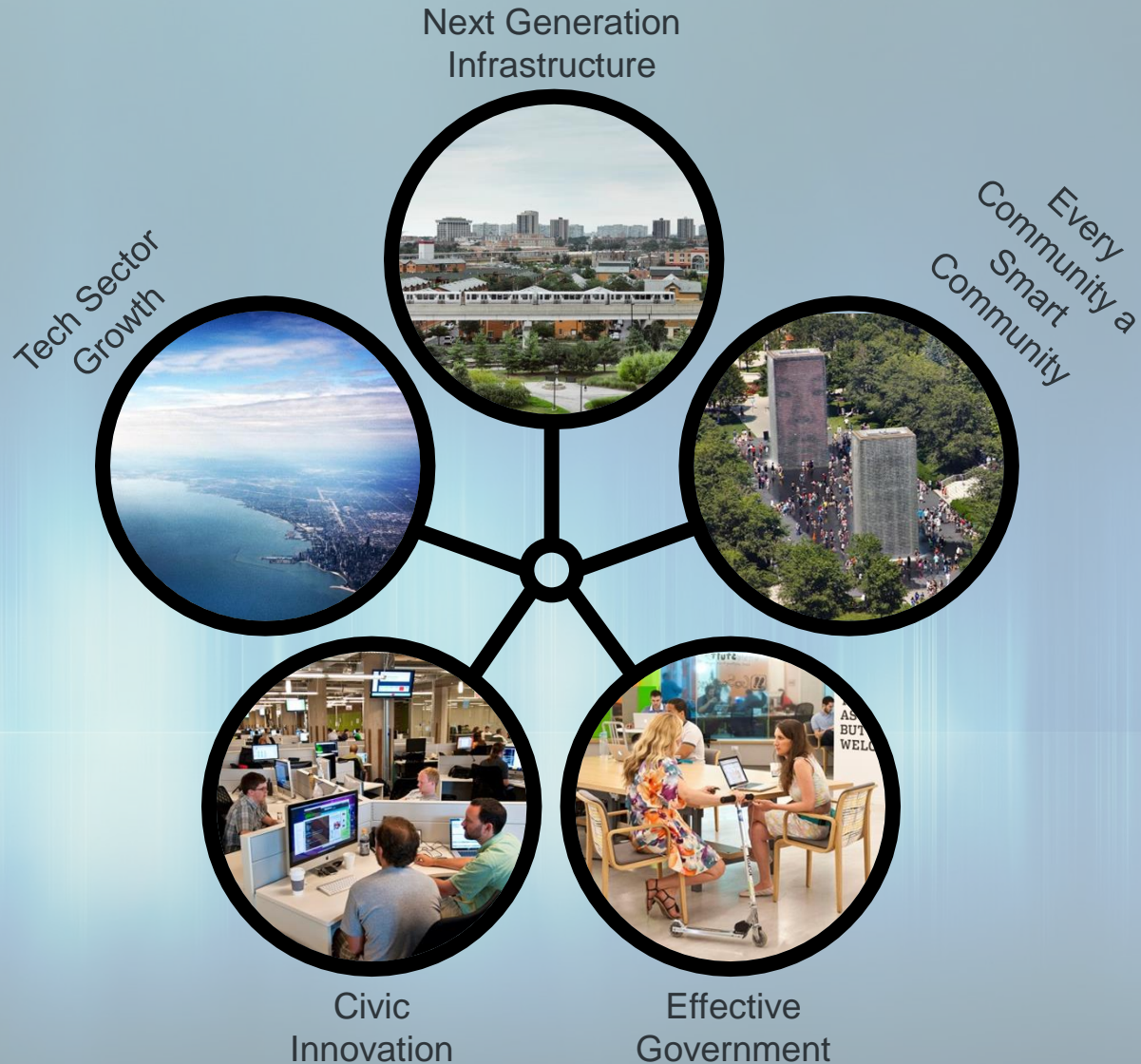
CHICAGO
TECH
PLAN

CHICAGO: POWERED BY TECHNOLOGY

**IN CHICAGO, WE BELIEVE THAT THE POWER
OF TECHNOLOGY IS DRIVEN BY THE PEOPLE
WHO USE AND BENEFIT FROM IT.**

CHICAGO'S RESPONSE: THE CITY'S FIRST TECH PLAN

A strategic, yet hands-on commitment to shaping the future of our City through technology to solve real problems for residents and businesses

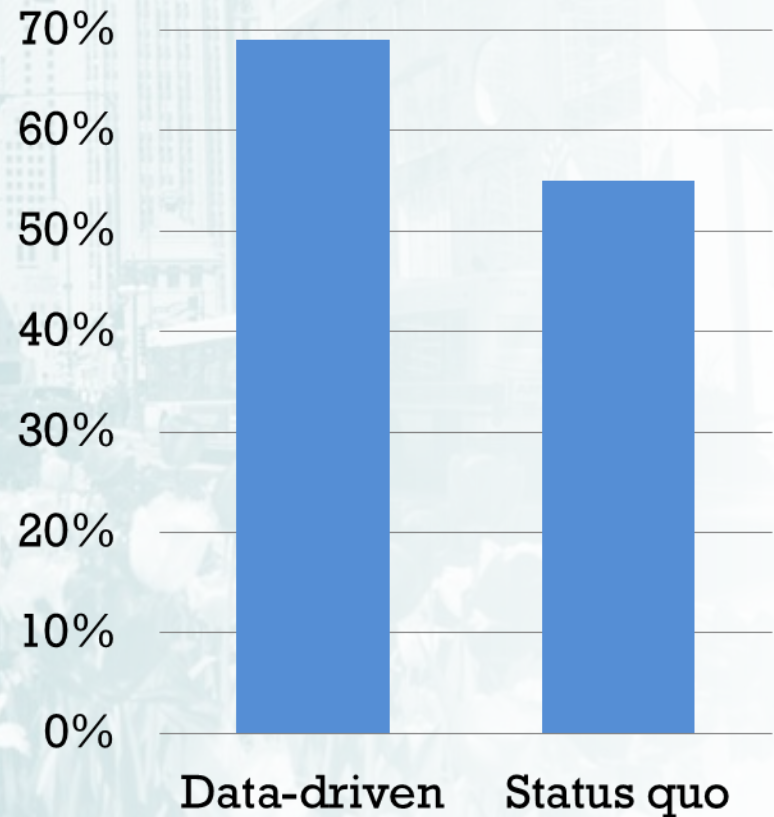


PREDICTIVE RESOURCE ALLOCATION

After comparing a data-driven approach versus the current methods, the rate of finding violations was **accelerated** by an average of 7.4 days in the 60 day pilot. That means more violations would be found sooner by CDPH's inspectors.



CRITICAL VIOLATIONS



THE SMARTDATA PLATFORM

Bloomberg Philanthropies

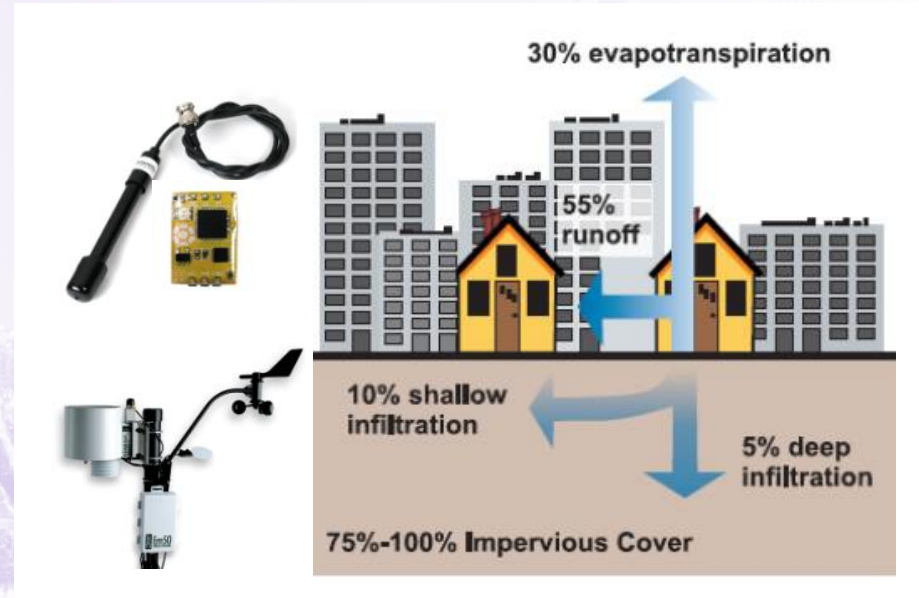
The 2012–2013

**MAYORS
CHALLENGE**



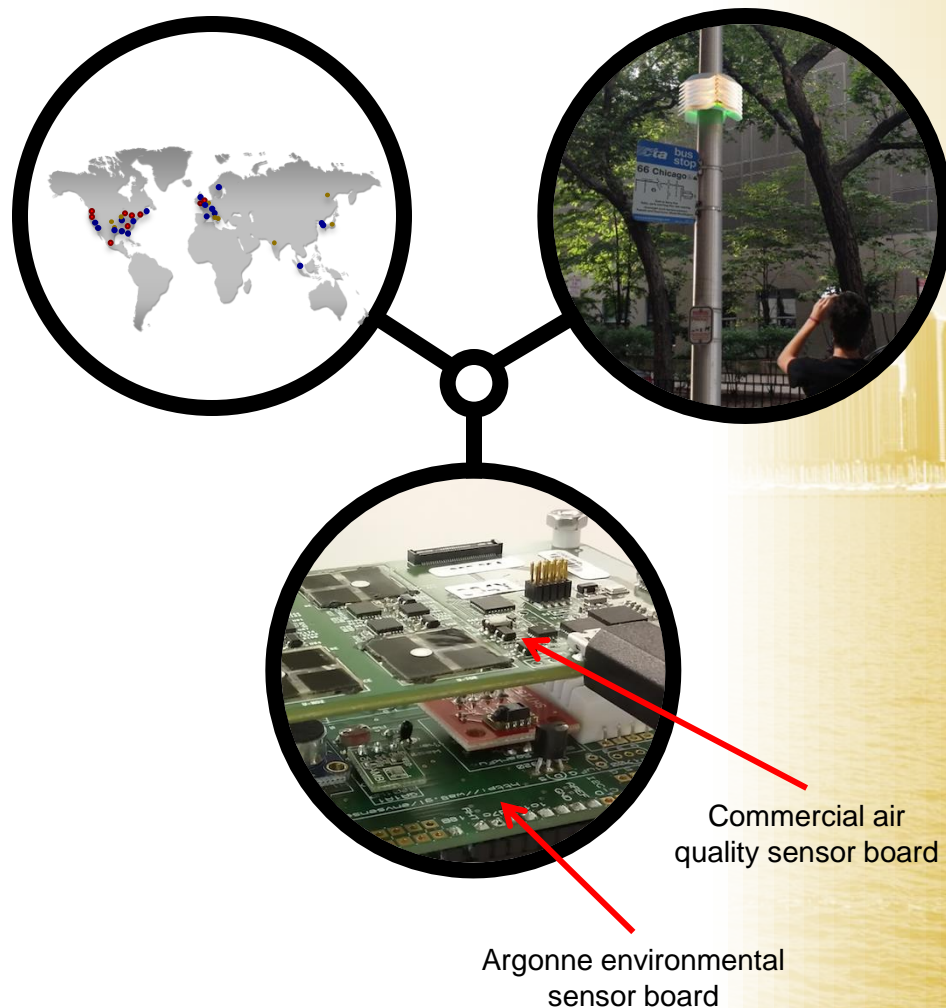
UI LABS SMART GREEN INFRASTRUCTURE

- Integrated sensing, building and operational tools for water sustainability
- Partnering with academia and corporate partners for the best solution in Chicago and for other cities



THE ARRAY OF THINGS: INSTRUMENTING AT AN URBAN SCALE

- **“Fitbit” for the city:** Low-cost, open, networked, programmable “nodes” that collect, process, and publish real-time data on environment, infrastructure, and activity.
- **Array of Things:** National Science Foundation award of \$3.1M will fund 500 nodes across the City
- **Broad Partnership:** Skills, funding and components come from the City, non-profits, academia and corporations
- **Data and Details:** Current version: 14 sensors, in-situ computation; modular and expandable.
- **Uses so Far:** Traffic planning, hot spots, noise pollution, flooding



THANK YOU

