Boston Advanced Energy Q3 Stakeholder Series:

IoT, Technology, and Innovation

City of Boston Mayor's Office of New Urban Mechanics
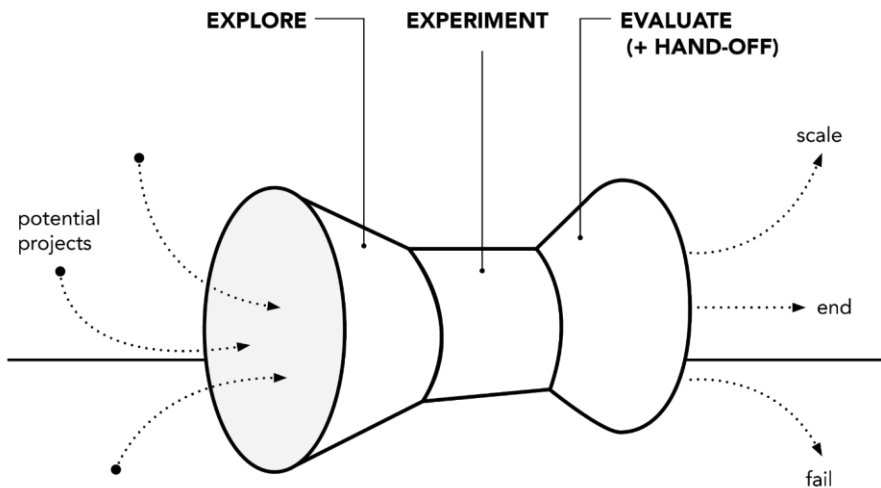
Joe Christo

September 2018

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Martin J. Walsh
Mayor

"As Boston approaches its 400th birthday, our goal is a thriving, healthy and innovative city for all; one community that is a global leader for the 21st century."

"We are America's climate champion, with a target date of 2050 for going 100% carbon-neutral."

THE MAYOR'S OFFICE OF
NEW URBAN MECHANICS

EXPLORE   EXPERIMENT   EVALUATE
(+ HAND-OFF)

potential projects

scale

end

fail

What do you prioritize?

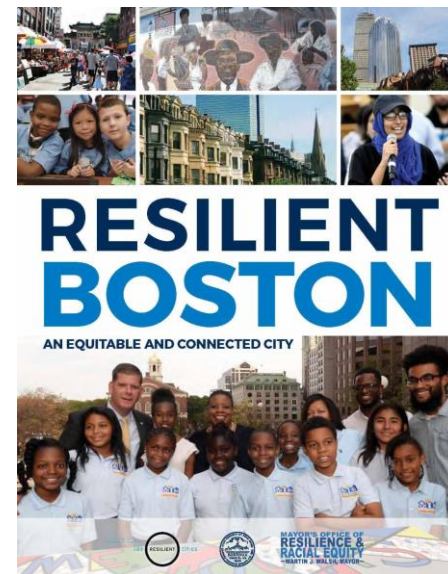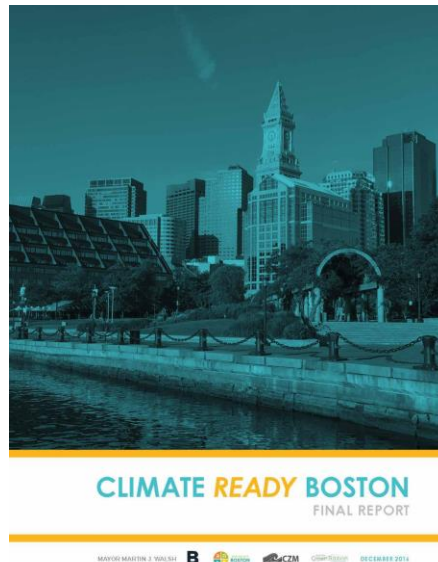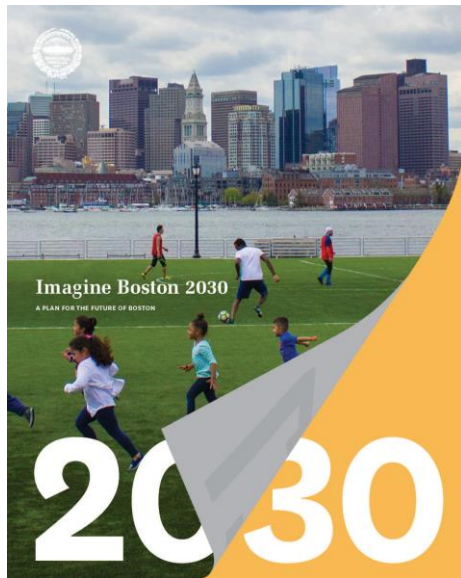It's not just about apps.
It's not just about data.
It's not just about dashboards.
Or sensors. Or KPIs.
Or the internet of things.

It's not about having a solution, and looking for a problem to apply it to.

It's about people.

Imagine Boston 2030
A PLAN FOR THE FUTURE OF BOSTON

2030

CLIMATE READY BOSTON
FINAL REPORT

MAYOR MARTIN J. WALSH   DECEMBER 2016

RESILIENT BOSTON
AN EQUITABLE AND CONNECTED CITY

MAYOR'S OFFICE OF
RESILIENCE &
RACIAL EQUITY
MARTIN J. WALSH, MAYOR

GREENOVATE BOSTON
2014 CLIMATE ACTION PLAN UPDATE

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BOSTON SMART CITY PLAYBOOK

The age of the "Smart City" is upon us!

It's just that, we don't really know what that means. Or, at least, not yet.

CITYLAB

A verdant pedestrian walkway in Quayside, the "smart neighborhood" planned for Toronto's waterfront. // Sidewalk Labs

How Smart Should a City Be? Toronto Is Finding Out

LAURA BLISS   10:19 AM ET

A data-driven "neighborhood of the future" masterminded by a Google corporate sibling, the Quayside project could be a milestone in digital-age city-building. But after a year of scandal in Silicon Valley, questions about privacy and security remain.

BETA BLOCKS

We're challenging how Boston thinks about the "smart city" and building an equitable community around civic experimentation.

WHAT WE'RE DOING   WHAT WE'VE DONE   THE PLAYBOOK AND RFP

Sensors are not smart. Digital kiosks do not save the world. Efficiency is not democracy.

Four Lessons From MONUM's Work

1. *How* you build is just as important as *what* you build

2. Encourage and *enable* civic behavior

3. Use technology to build *trust* and *compassion*

4. Build things that people *want* and *need* (not just what we already know how to build)

Problem Statement for BAE

I believe the critical, regional obstacle blocking IoT, Technology and Innovation from expediting the achievement of Boston's 2050 clean energy commitments is...

...a collective focus on genuinely engaging residents to hear what their definition of "smart" is, and working with them throughout the ideation and innovation process.