



Envision Charlotte –

A unique Public Private partnership building a smart city that will lead to the most sustainable urban core in the country. Using technology to find efficiencies that will reduce the cost of doing business in Charlotte while driving reductions in Energy, Water, Waste and Air.

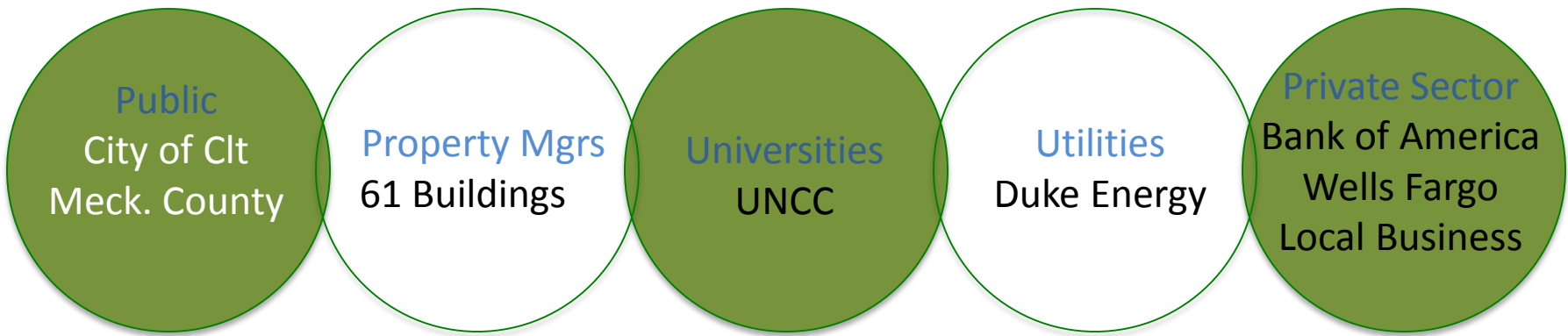




Envision Charlotte

61 Buildings 21M SqFt Non-profit CGI

Public Private **Plus** Partnership





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UNITING FOR A SUSTAINABLE CITY

Energy Program Goal – 20% reduction in energy use

Duke Energy's SEiO (Smart Energy Now)

16.1% Reduction in energy use!

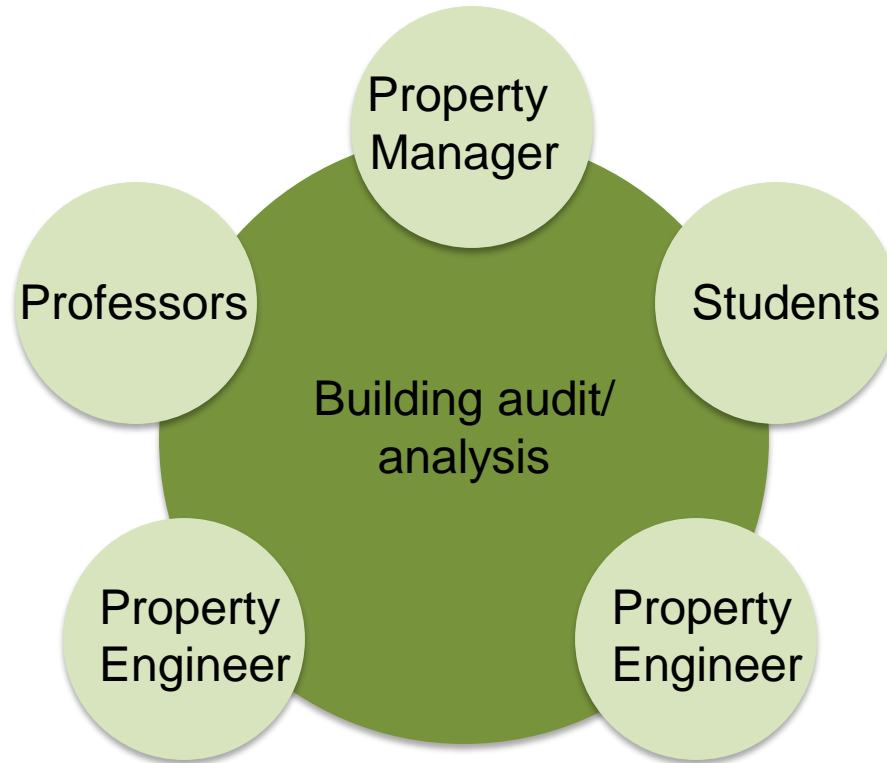
Energy Consumption

\$17 Million in Savings!





Energy Roundtable



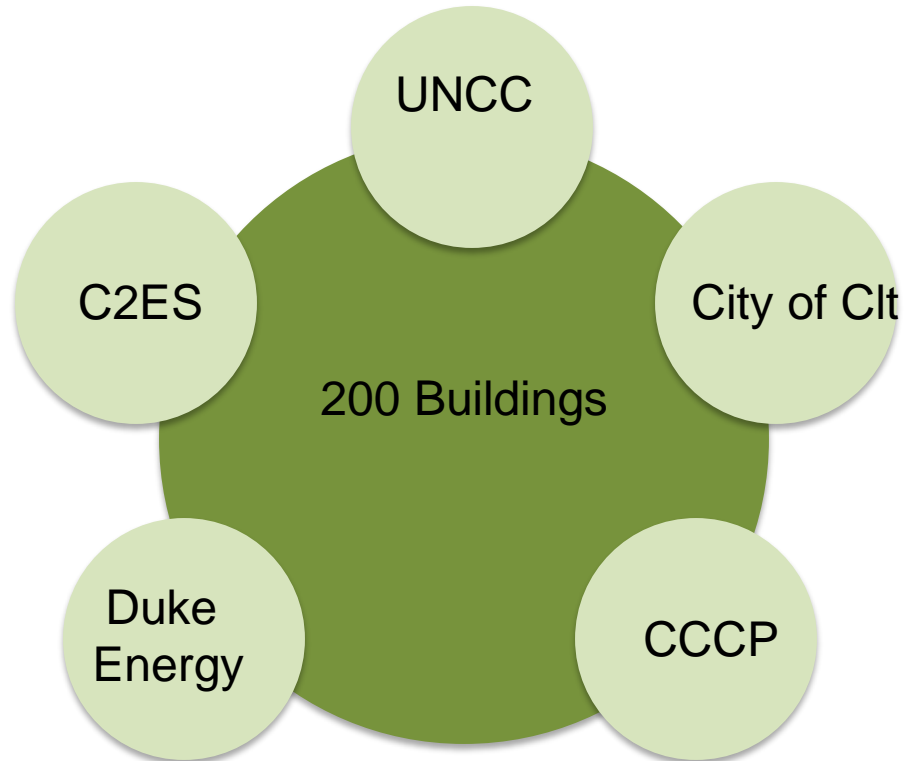
Providing free and unbiased analysis to suggest projects for 20% reduction



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Department of Energy Grant



Using the Energy Pillar success, working with UNCC to expand to 200 buildings



Water Program

- Equipment Installed
- Baseline to be set
- Programs to be implemented

Partners:

Itron

CH2MHILL®

verizon

Water Consumption

Energy Consumption



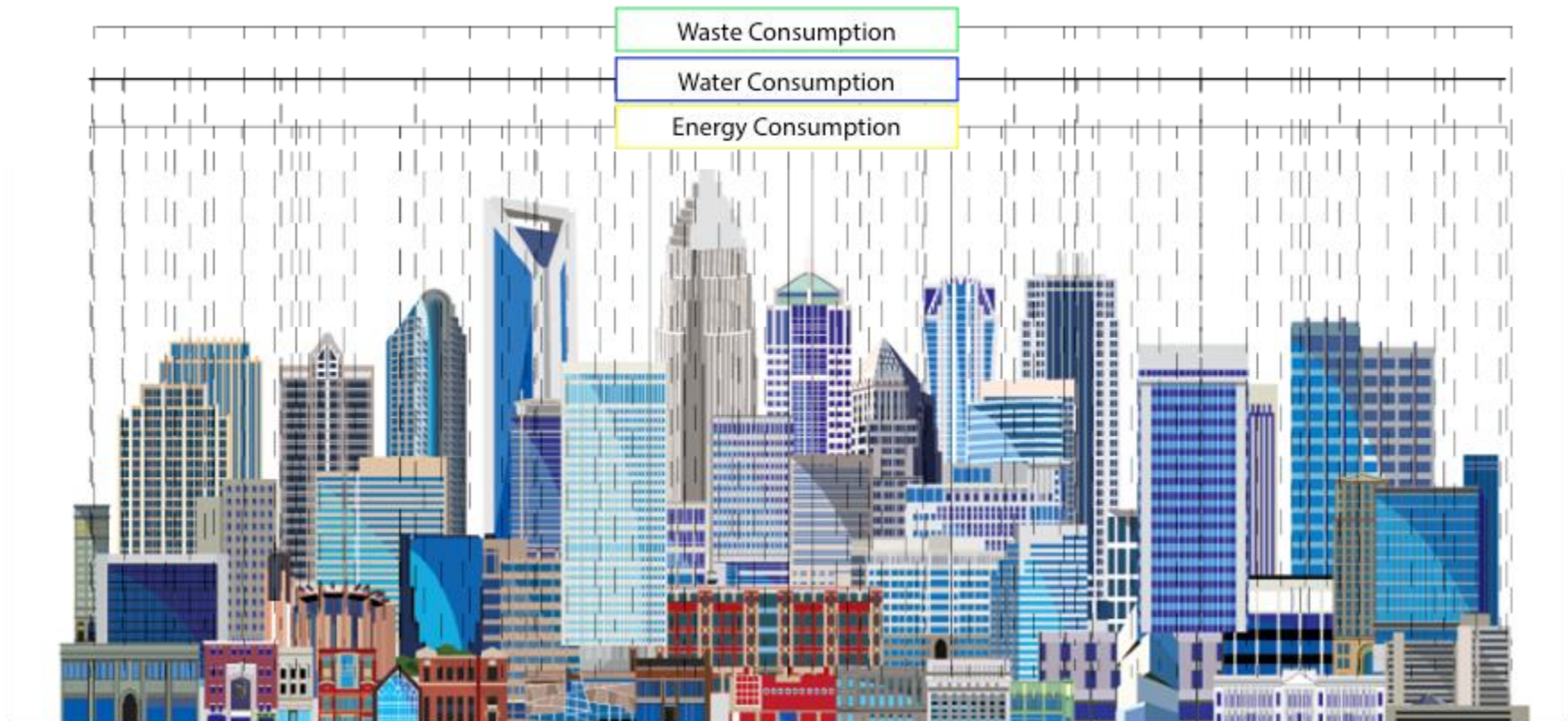


Waste Program

- Installing Equipment
- Baseline to be set
- Programs to be implemented

Partners:

enevo



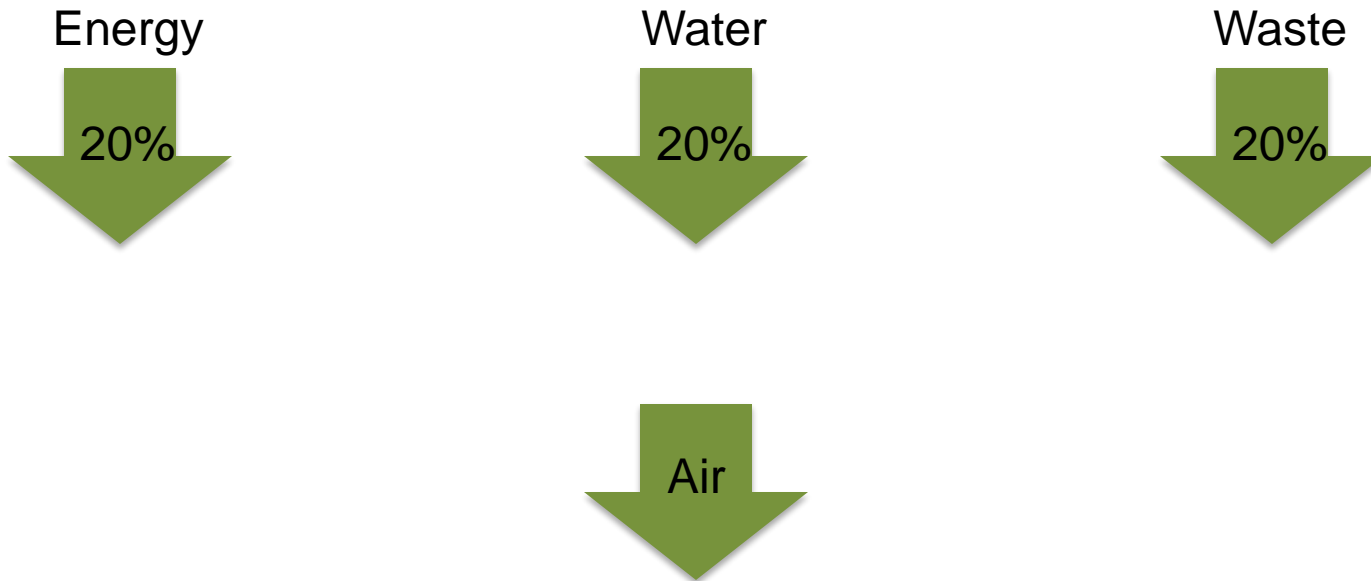


Air Program

Reducing Energy = Impact on air

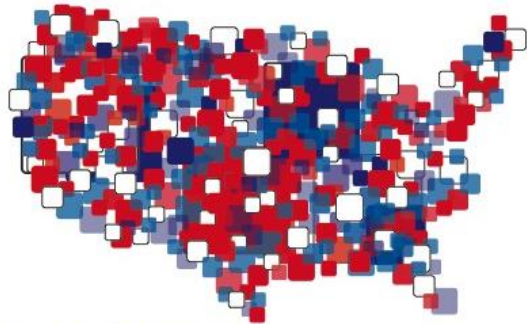
Reducing Water = Impact on air

Reducing Waste to Landfill = Impact on air





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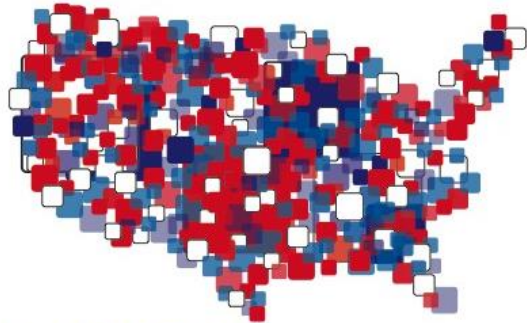


The White House - Announcement September 14th
kicking of Smart Cities Week in DC

Partners: Accelerated Innovations, AT&T, AutoDesk, Bank of America, Cisco, Duke Energy, Esri, GE, Intel, Itron, Landis+Gyr, Microsoft, Qualcomm, SA, Thinkworx



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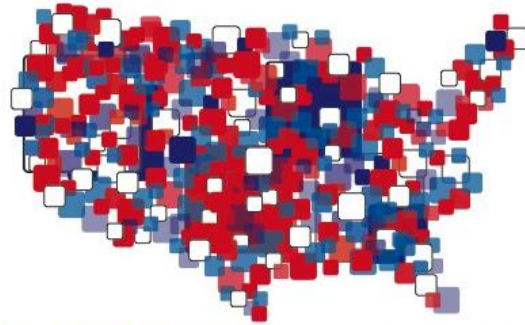
Goal is to ignite a Smart Revolution!

3 Day workshop Jan. 14th – 16th Charlotte, NC

- Day 1 – Innovative Utilities to present, Unpacking of EC
- Day 2 – Smart Match – 10 selected cities will be matched with partners to participate in a facilitated workshop focused on initiative
- Day 3 – Universities to present best practices with working with cities, Federal agencies to present upcoming funding opportunities



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www.envisionamerica.org

Event Dates January 14th – 16th, 2016 – Charlotte, NC