



ENVISION: CHARLOTTE
UNITING FOR A SUSTAINABLE CITY

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.



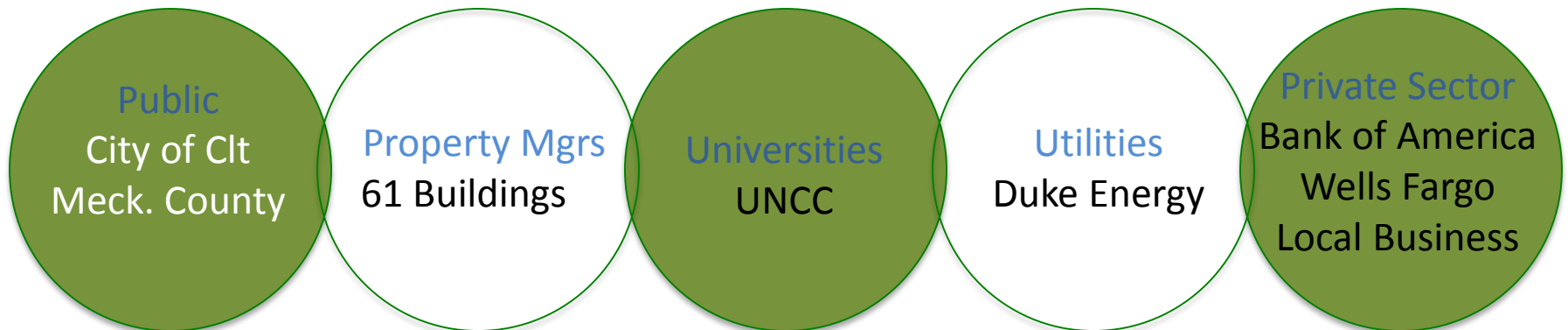


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Envision Charlotte

61 Buildings 21M SqFt Non-profit CGI

Public Private **Plus** Partnership





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Energy Program Goal – 20% reduction in energy use

Duke Energy's SEiO (Smart Energy Now)

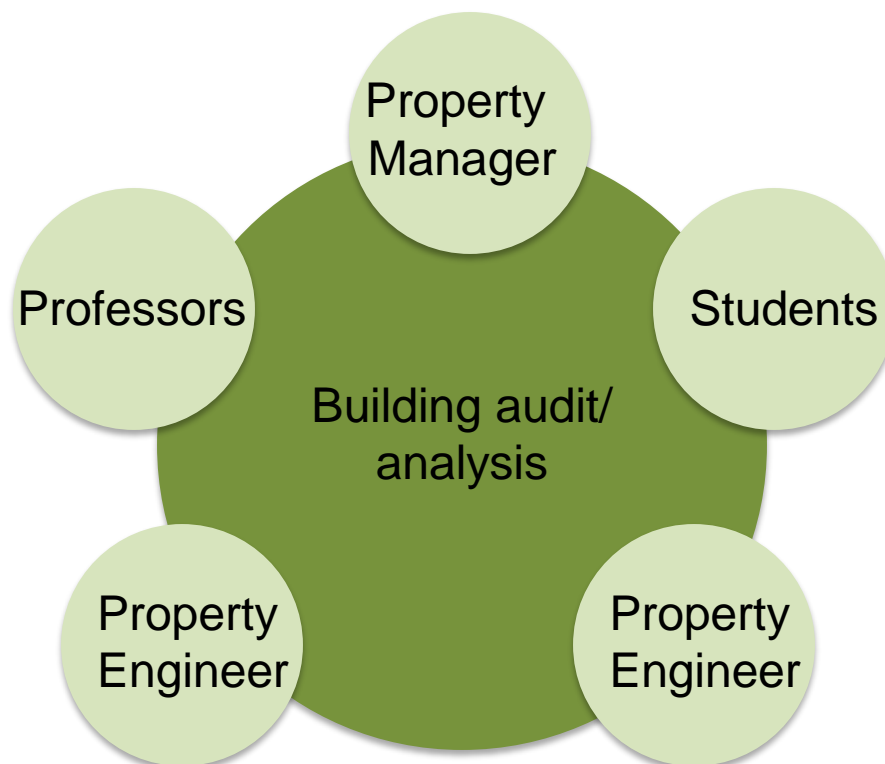
8.4% Reduction in energy use!

Energy Consumption

\$10 Million in Savings!



Energy Roundtable



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



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Water Program

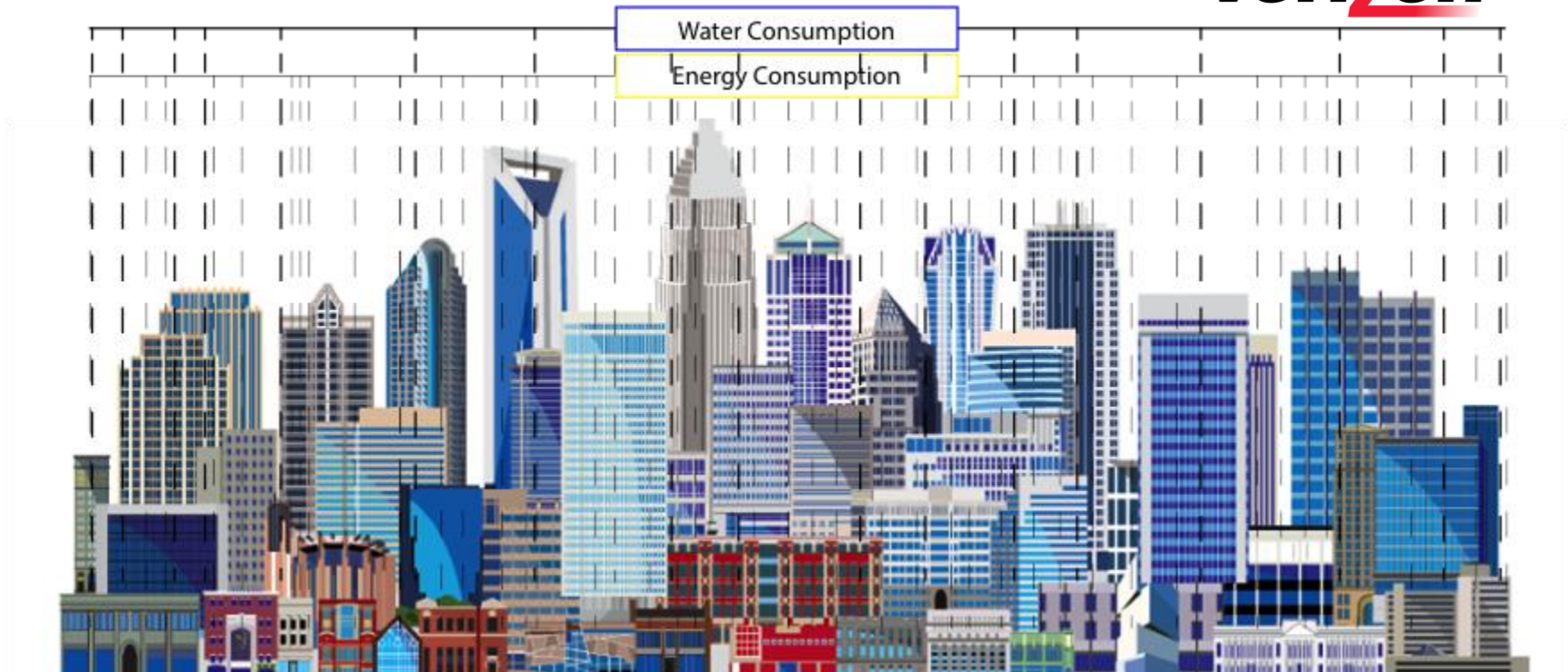
- Equipment Installed
- Baseline to be set
- Programs to be implemented

Partners:

Ittron

CH2MHILL®

verizon





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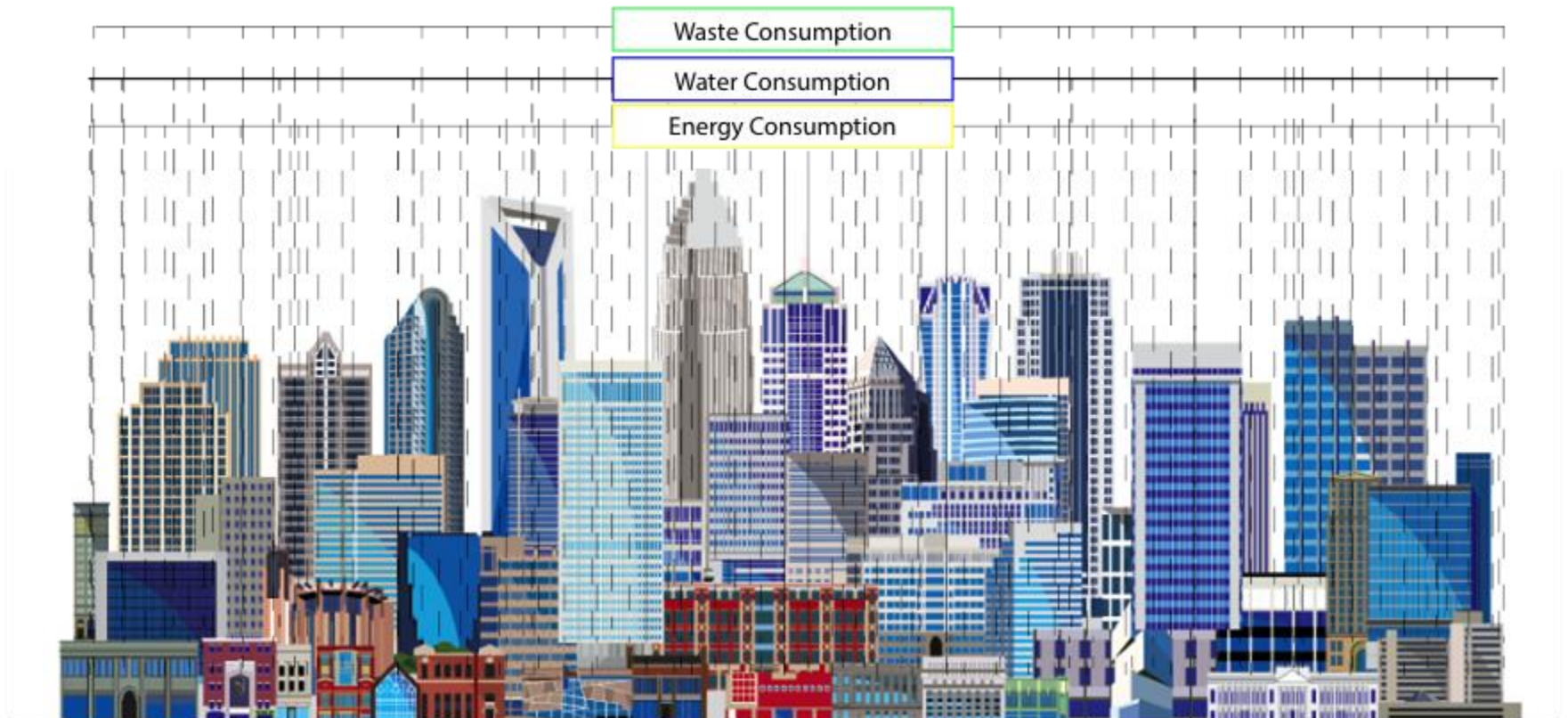


Waste Program

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

Partners:

enevo





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Smart City

Bringing together all these data points, finding efficiencies

Finalist Innovative Initiative World Smart Cities Conference Barcelona

Interest from Cities all over the world





Building on Success....

- 1 of 8 recipients of grant from US-DOE Buildings Technology Office
- 3 year project will expand current efforts across over 200 buildings
- 20% energy reduction goal

