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Brave New World - Connectivity

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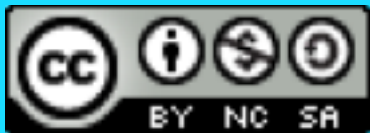
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BRAVE NEW WORLD: CONNECTIVITY

BY RHONDA BINDA, ESQ.

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THREE PILLARS FOR A SMART AND CONNECTED CITY OR COMMUNITY

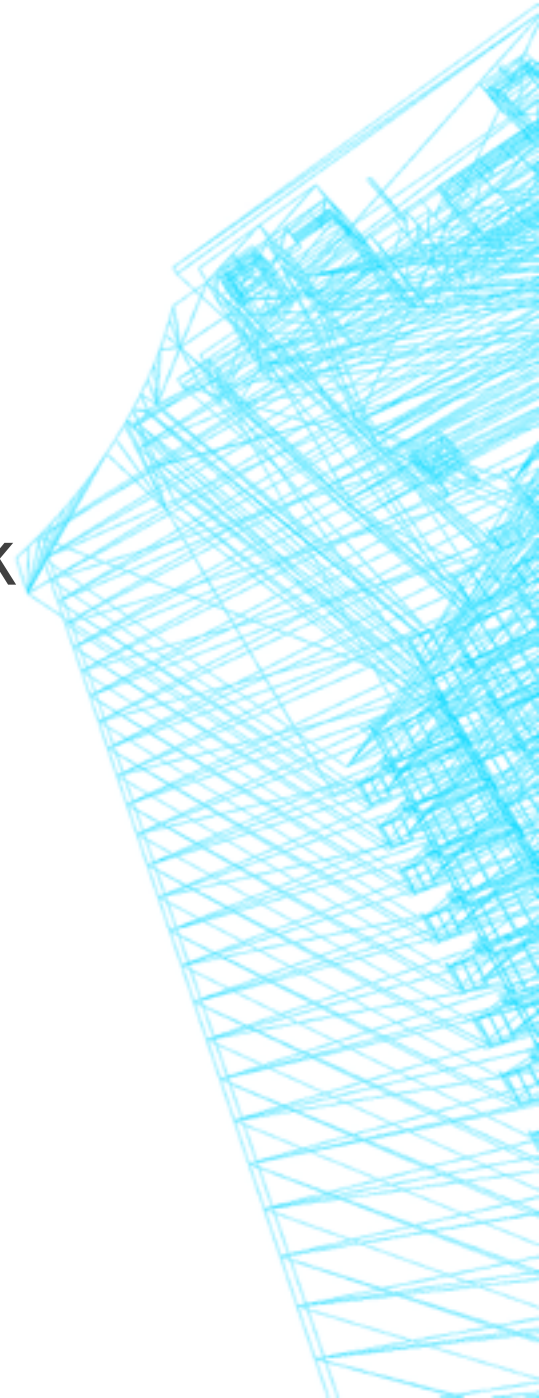
100% CONNECTED

100% MOBILE

100% RESILIENT

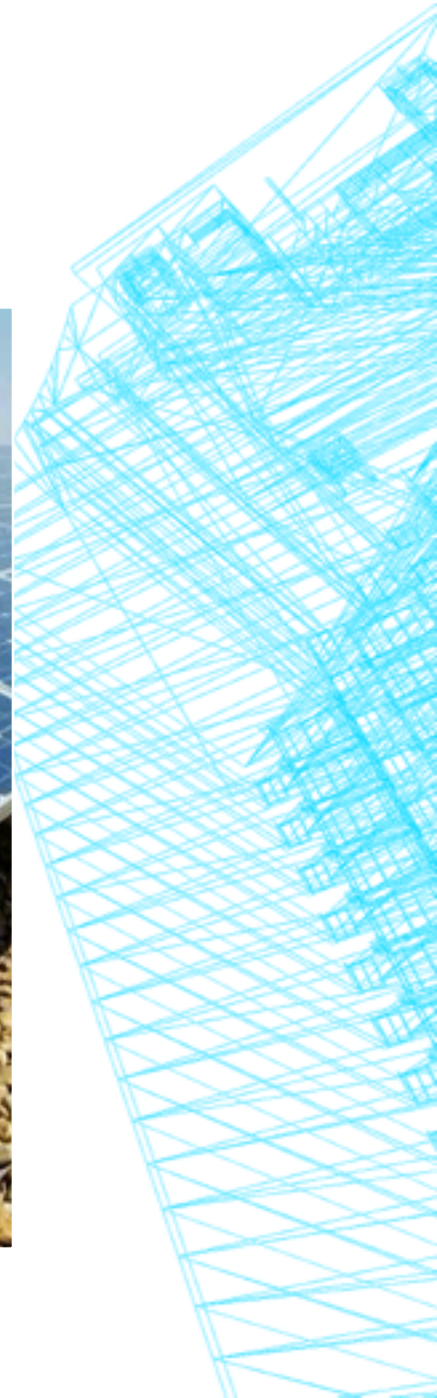
CONNECTIVITY IS KEY

Building a connected environment is the key to building a smart city or region. Without this fundamental layer throughout, communities risk insecurity, inequality and inefficiency.



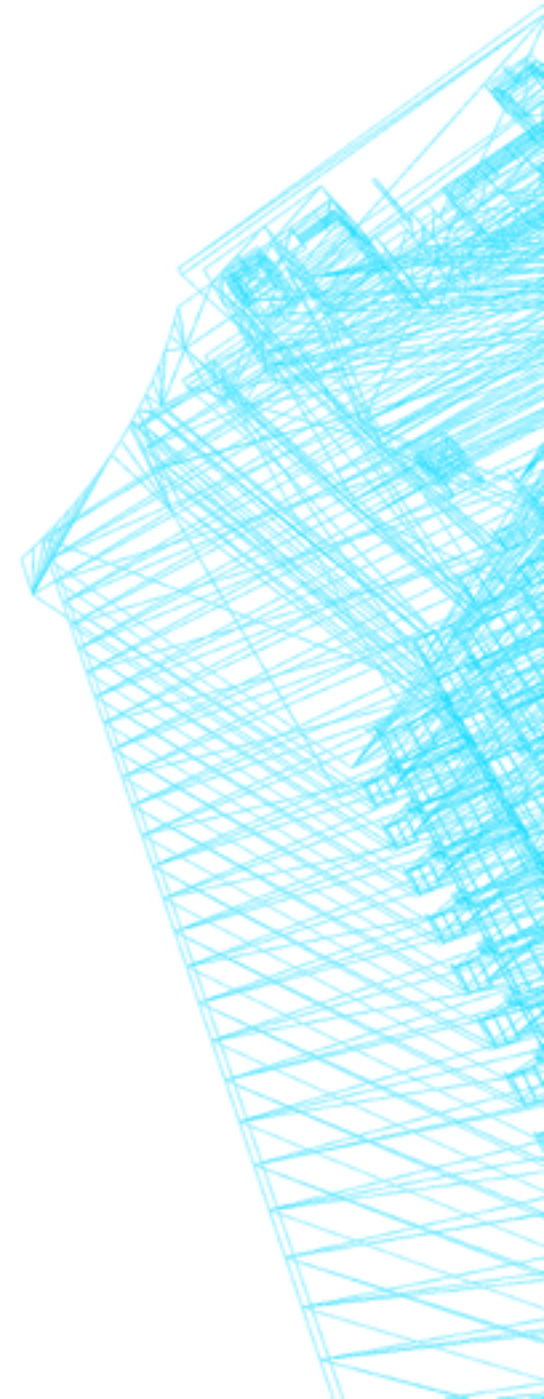
100% CONNECTED

- *Infrastructure*
- *People*
- *Things*
- *Data*
- *Energy*



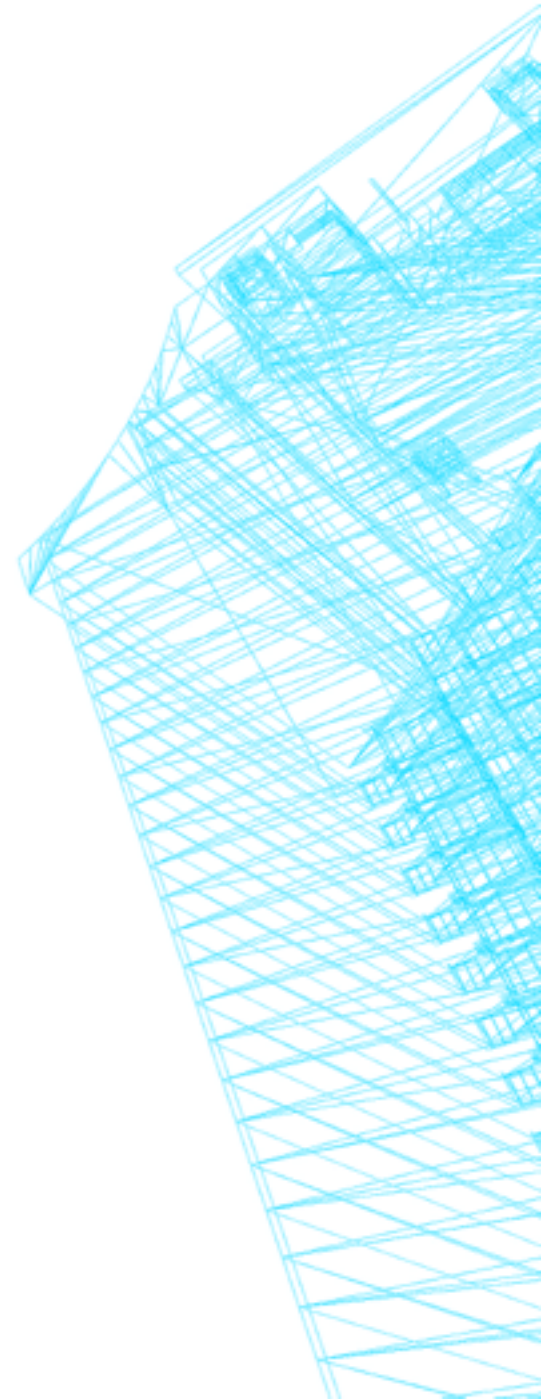
INFRASTRUCTURE

Connected infrastructures will be fully attained when they are completely integrated into an interconnected ecosystem composed of all vehicles, pedestrians and infrastructures.



PEOPLE

Urbanist Jane Jacobs once wrote that people like to be around other people, yet remain private: "a good city achieves a marvel of balance between its people's determination to have essential privacy and their simultaneous wishes for differing degrees of contact, enjoyment and help from the people around."



THINGS

Smart cities use Internet of Things (IoT) devices such as connected sensors, lights, and meters to collect and analyze data.



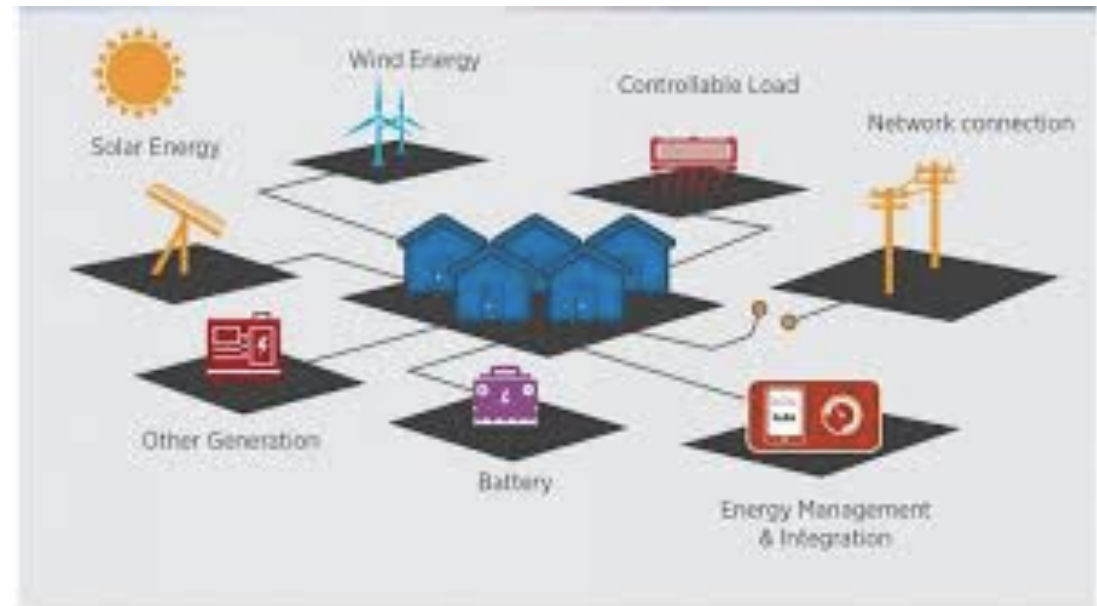
DATA



The cities then use this data to improve infrastructure, public utilities and services, and more.

ENERGY

With extreme weather events occurring at record breaking rates, establishing safe, affordable, resilient and secure energy options are more important than ever.



IS CONNECTIVITY A HUMAN RIGHT?

- Some say that internet access in the 21st century is akin to access to the public utilities of water and electricity. Is it a public necessity?
- The United Nations formally amended Article 19 of the Universal Declaration of Human Rights, adding, “The promotion, protection and enjoyment of human rights on the Internet.” Is digital access a human right?



**THE BEST WAY TO PREDICT THE FUTURE IS TO
DESIGN IT YOURSELF!**

THANK YOU!

@rhondabinda

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