

# GLOBAL CITY TEAMS CHALLENGE

DR. CHRIS GREER



INTERNET OF THINGS  $\rightarrow$   
**TRANSFORMATIONAL**  
ONLY WITH  
A **COMMON LANGUAGE**



**SMART &  
RESILIENT  
CITIES**

SEEK OPPORTUNITIES FOR

**CONVERGENCE**



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PENNSYLVANIA AVE

# AMERICA'S MAIN STREET

# SMART

AN INTERACTIVE EXPERIENCE!

1-2 BLOCK  
INITIAL IMPLEMENTATION

SMART  
STREETLIGHTS

SMART  
PARKING

MEASURING  
CRIME

REDUCE ENERGY

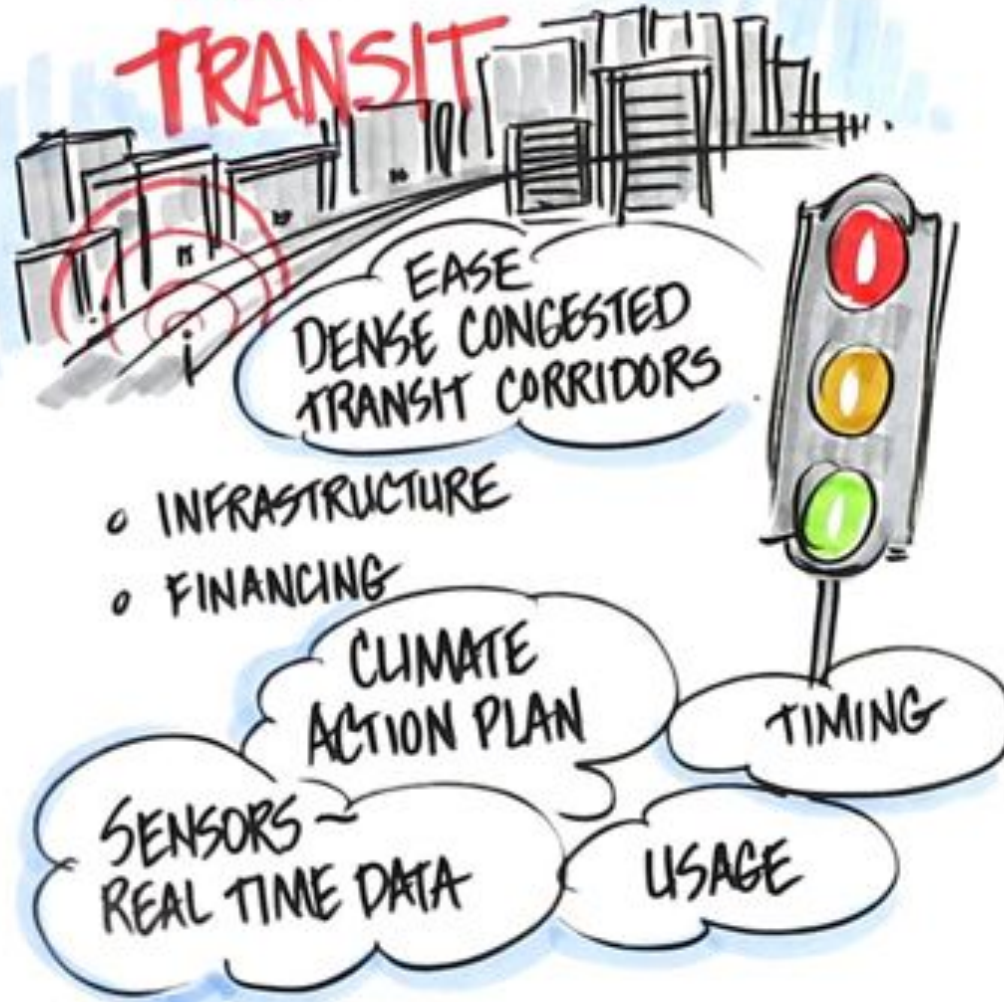
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SENSOR,  
CAMERA,  
ETC.

HOLOGRAPHIC  
PRESIDENT!



PORTLAND, OR  
**CONNECTED,  
INTELLIGENT  
TRANSIT**



# SMART CITIES UTILITY INFRASTRUCTURE



- ✓ WATER-CENTRIC  
HARDWARE
- ✓ ANALYTICS
- ✓ CONNECTIVITY



**PROACTIVE**  
USE OF TECHNOLOGY  
TO FIND LEAKS

**PREVENTION**  
POSSIBILITIES



# PANDEMIC REMOTELY CARING

FOR VULNERABLE CITIZENS  
IN PLACE



REDUCE ER VISITS,  
SPREAD OF DISEASE

# HEALTHY SMART CITY

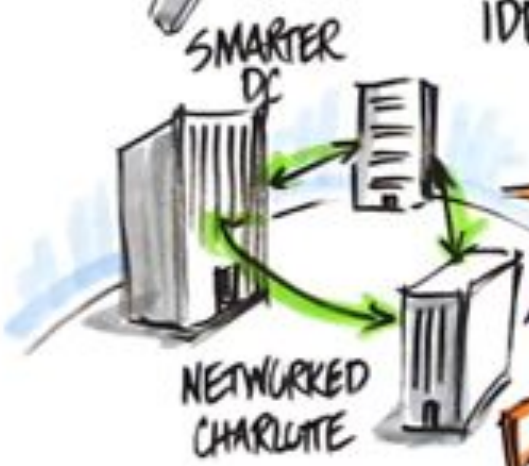


ECO-DISTRICT

ANALYSIS & SOLUTIONS  
FOR CITY PROBLEMS



COLLECT DATA, PRIORITIZE,  
IDENTIFY GAPS



PILOT  
PROJECT



# CHATTANOOGA GASP

INTERCONNECTIVITY



APP-

HOW'S THE  
AIR?

SENSORS:  
WHERE?



PHARMACY  
STOCKING

CLINIC  
STAFFING



BUILDING CODES?

IMPROVED  
QUALITY OF  
LIFE!



COMMON THREADS:  
**PEOPLE**

EMPOWER THEM TO HELP THEMSELVES!  
TO MAKE SMART DECISIONS



**NOT JUST SMART CITIES,  
SMART CITIZENS**



# NUDGING BEHAVIOR

WITH SMART DATA



HOW MUCH DO YOU **KNOW**?

IF YOU HAD ALL THE INFO, WOULD YOU DO THINGS **DIFFERENTLY**?



"I PLAYED A GAME WITH MY HYBRID - GAVE UP SPEED FOR SAVINGS..."



**REWARDS:**

PERSONAL & COMMUNAL

TO THE NUMBERS..

**EDUCATION:**



# INTEROPERABILITY -

## SAN FRANCISCO EMERGENCY RESPONSE TIMES



WHO WILL DEVELOP THE APP?



RESPONSE TIME  
DOWN TO MINUTES

RESOURCES:  
- PULSE POINT  
- LOOK AT EUROPE SOFTWARE

THE NEW PIECE IS THE APP

\* CONSIDER INTELLIGENT PRE-POSITION



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