



Smart Energy The bloming field October 29th 2013

Hervé Rannou
ITEMS International
Cityzen Data





ITEMS main focus

Digital innovation



Smart Grids



Big Data



Smart Cities

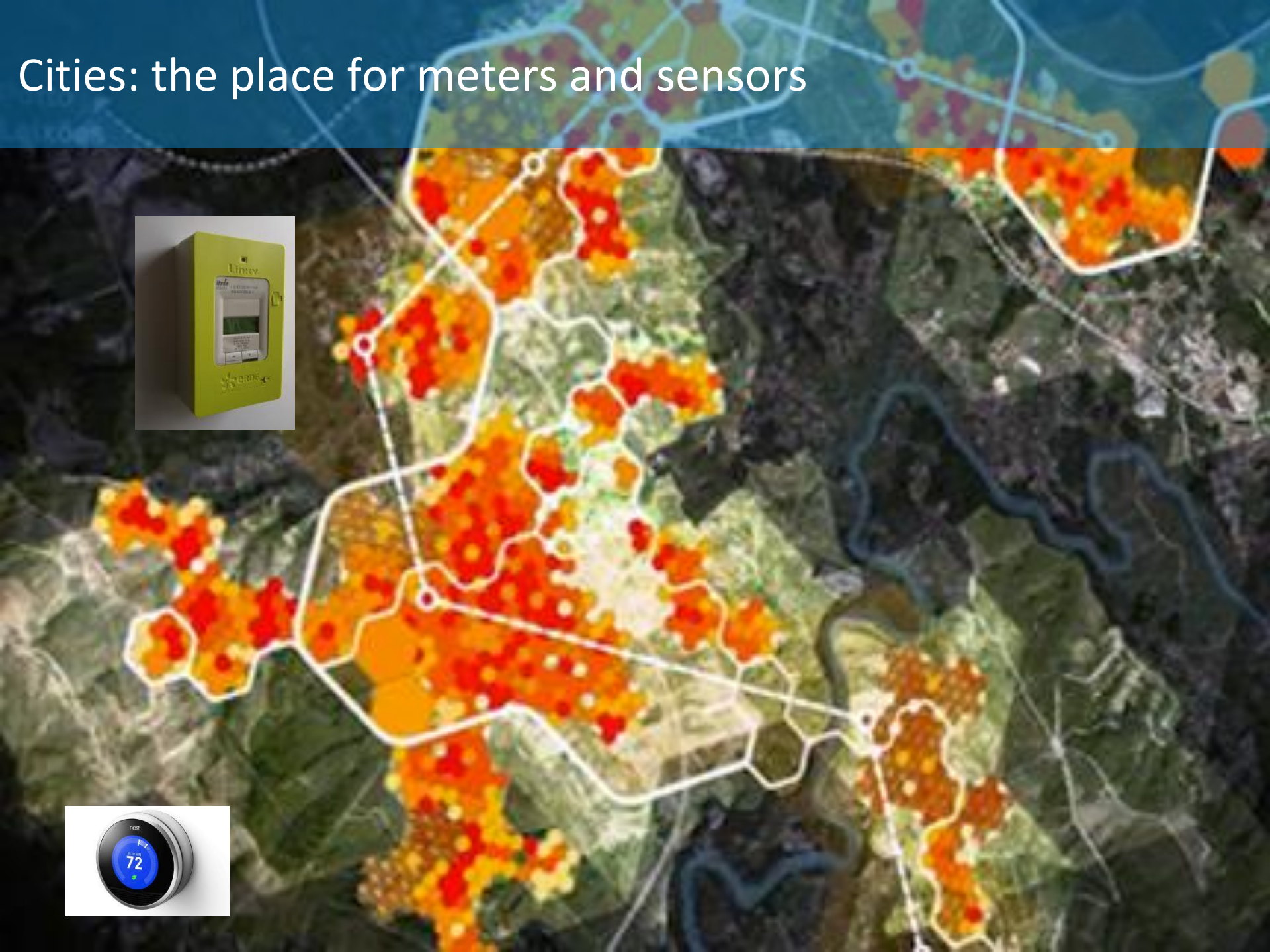
A high level
performance platform



Smart Grids: Digital technologies to assist renewable energies growth



Cities: the place for meters and sensors



Environment and quality of life

Air quality
Water quality
Noise control
Traffic management





DATA

BIG DATA

**OPEN
DATA**

SECURITY



Not a risk
A certainty

USAGES



Benefits ?

Motivations ?

Powermetrix
powered by **LucyGo**

Powermetrix | Consumption | Consumers | Saving | Forecast

A panel of households
equipped with an electric usage
analysing sensor

- A UNIQUE TOOL:** The only electric consumption measuring source in Europe.
- TO EXPLAIN:** Explain consumption by knowing consumers and their habits.
- A THOROUGH APPROACH:** High value data, verified and certified.
- TO MEASURE:** Quarterly electric consumption and its evolution, describe curve loads.
- UNDERSTAND THE USAGES:** Accurately split electric consumption into every day usages.
- AD HOC STUDIES:** To study specific populations, answer specific questions.

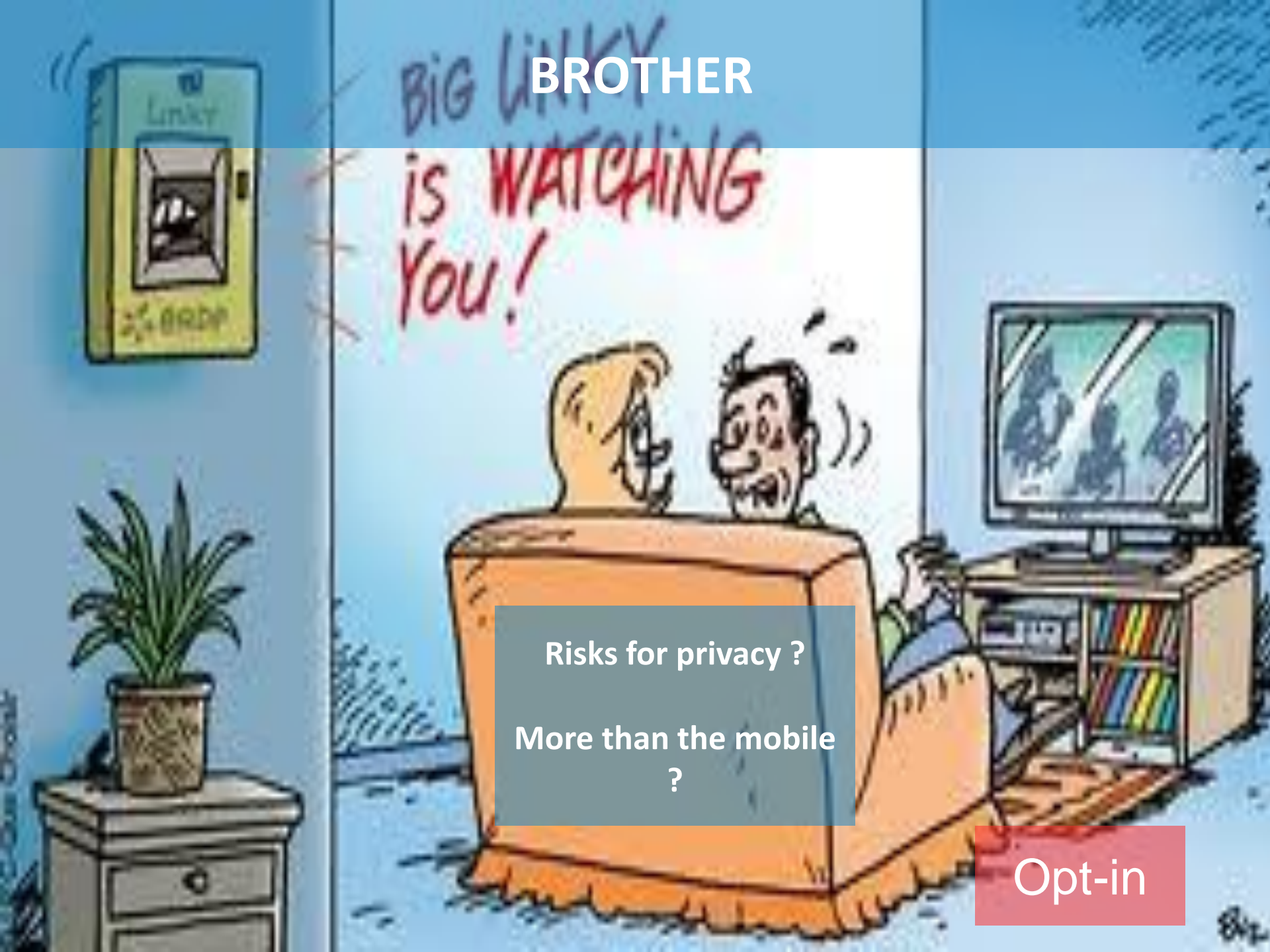
BROTHER

BIG LINKY
IS WATCHING
YOU!

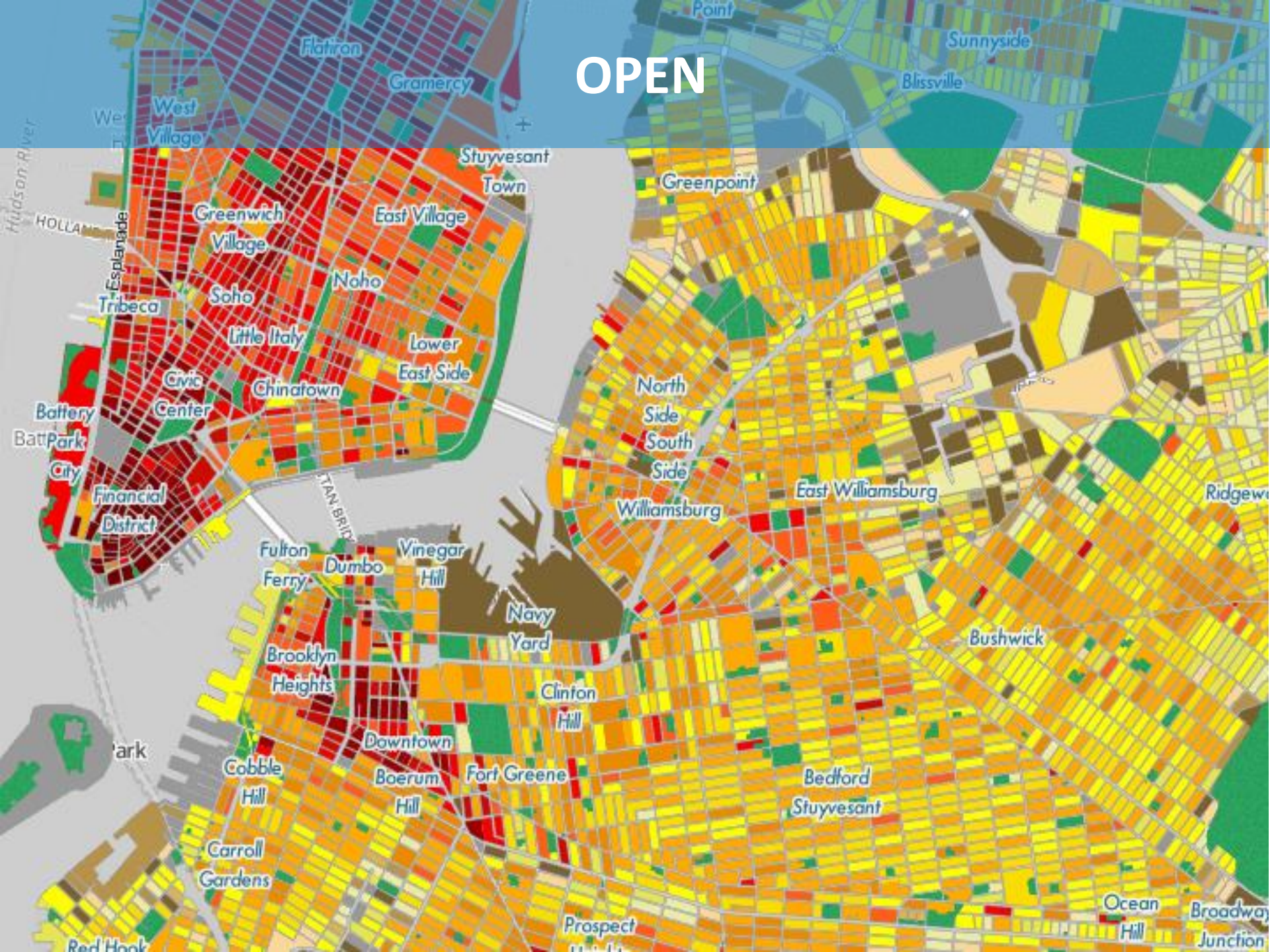
Risks for privacy ?

More than the mobile
?

Opt-in



OPEN





Hervé Rannou
ITEMS International
Cityzen Data
hrannou@items.fr