14 November

# The Social and cultural issues around new sources for Data Collection, Storage and Usage

## (Un)Plugging Data in Smart City Regions

CATAPULT Future Cities

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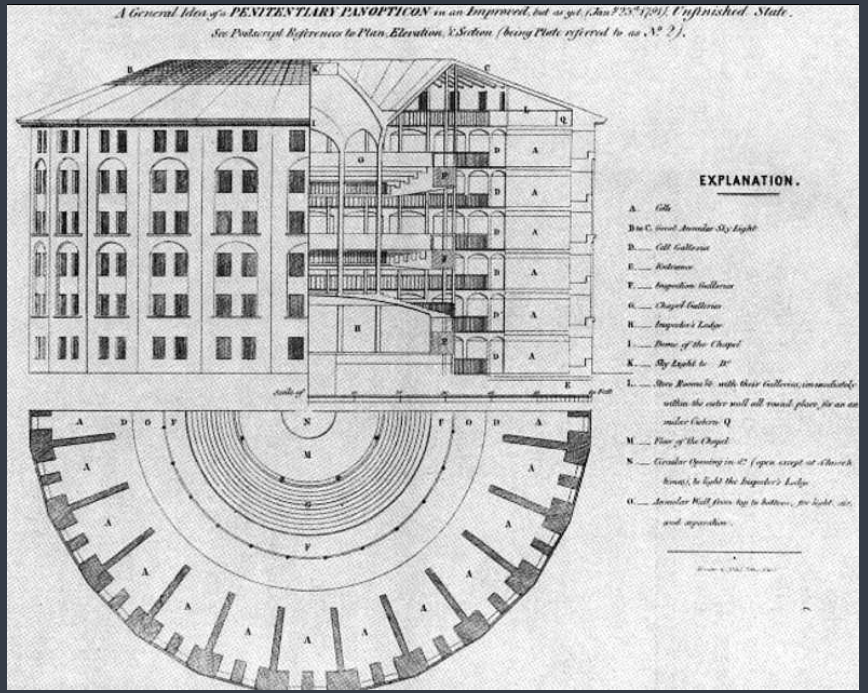
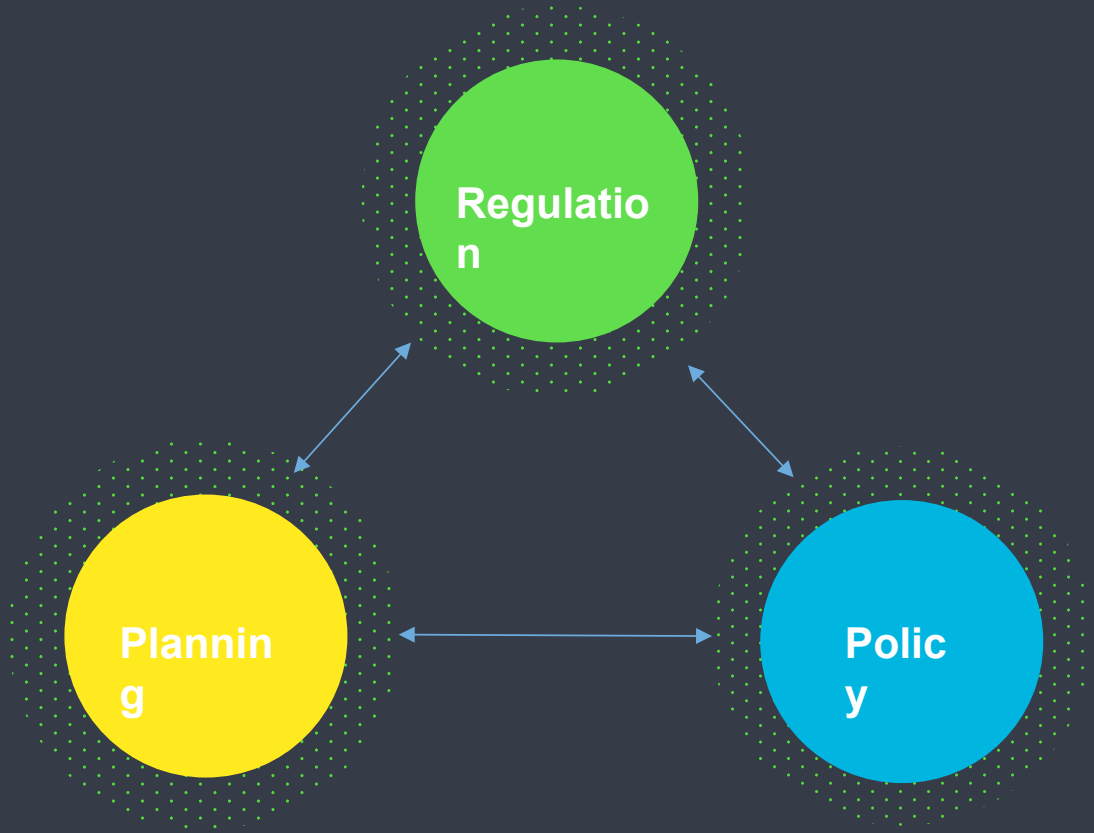
# What are the issues?

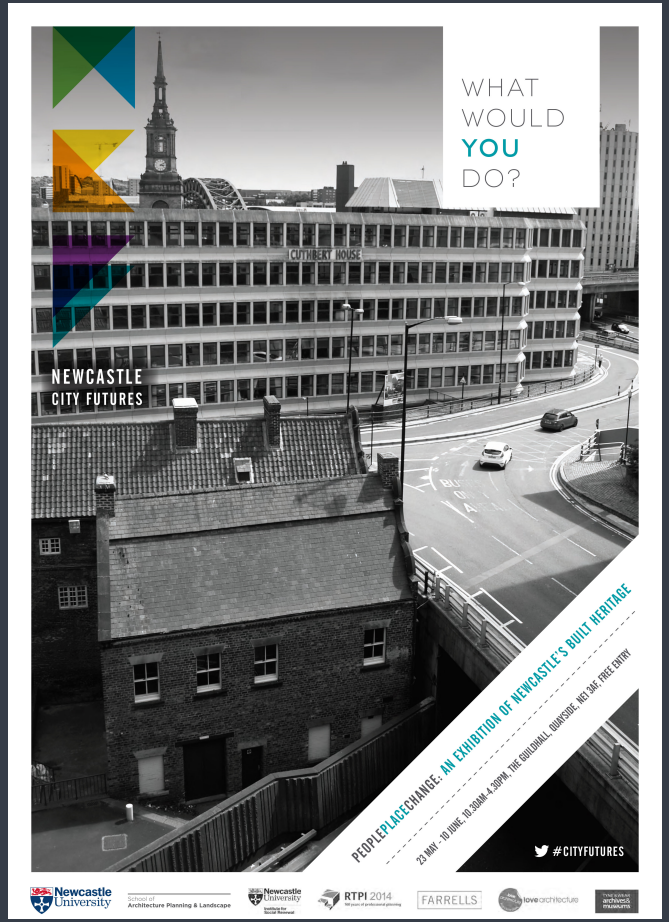


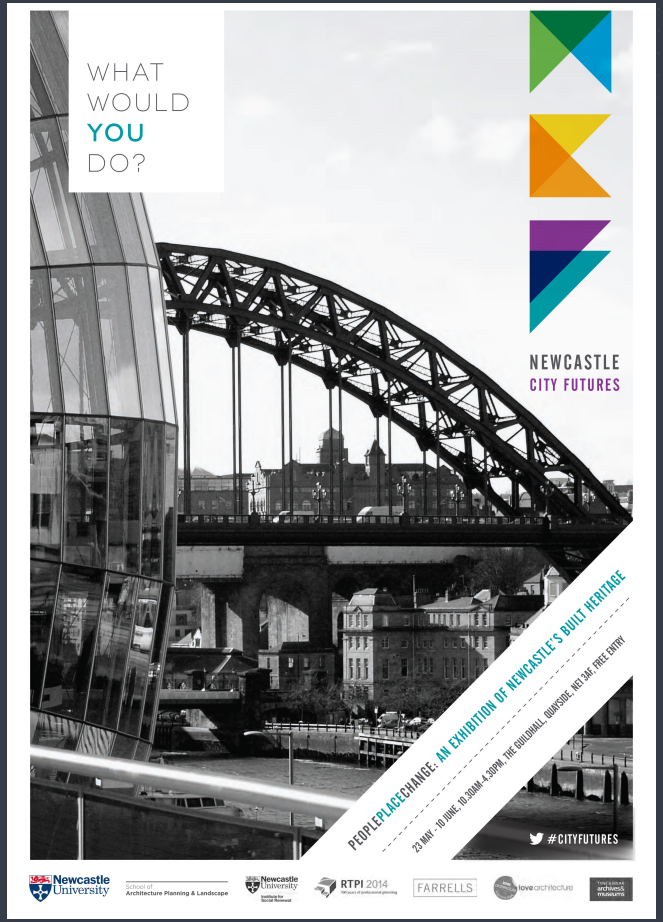
"individuals need to be engaged on the issue as citizens (deliberating on the conditions and safeguards), as well as consumers (agreeing or disagreeing to terms of service)."

# The Problem of Governance



# Planning

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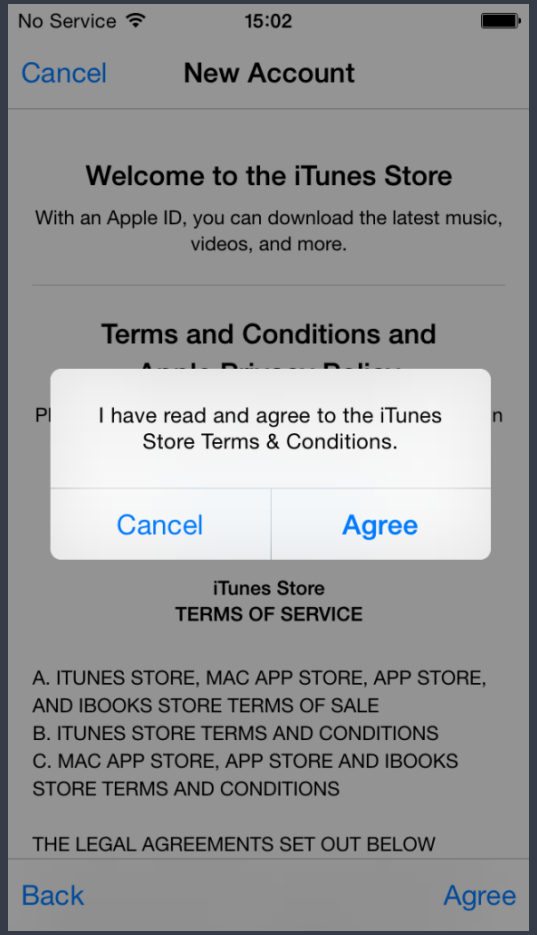
# Regulation

- Issues of:
  - Necessity
  - Privacy-Friendly Default
  - Aggregation
  - Fairness

- **Self-regulation**
- **Co-regulation**
- **Legislation**

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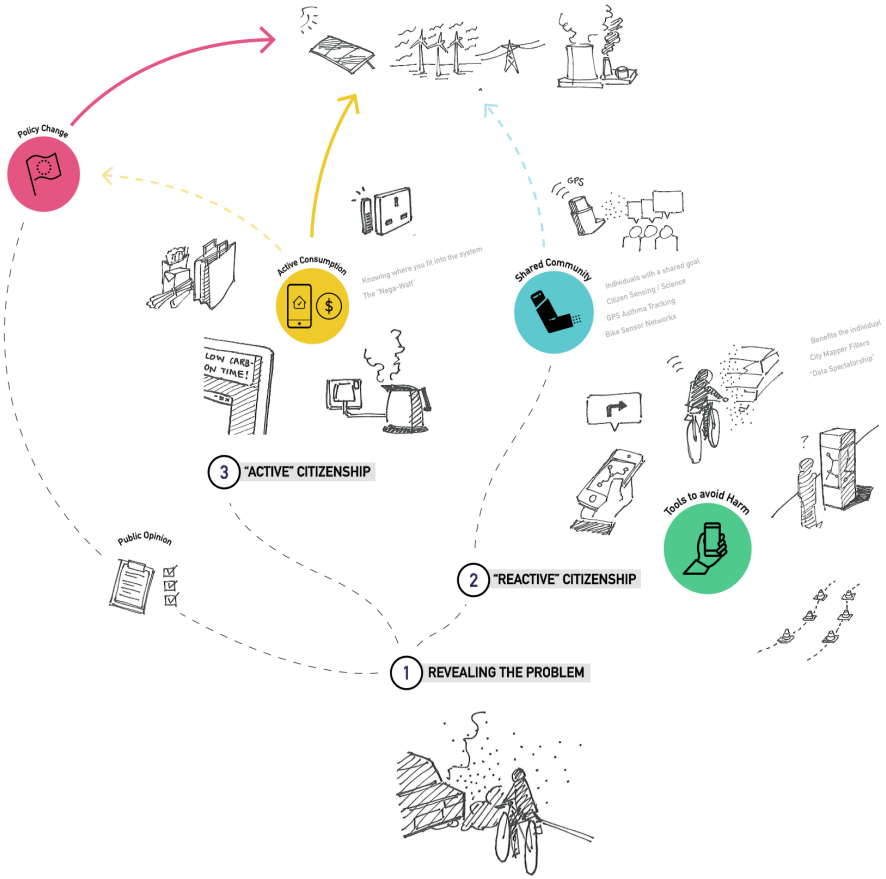
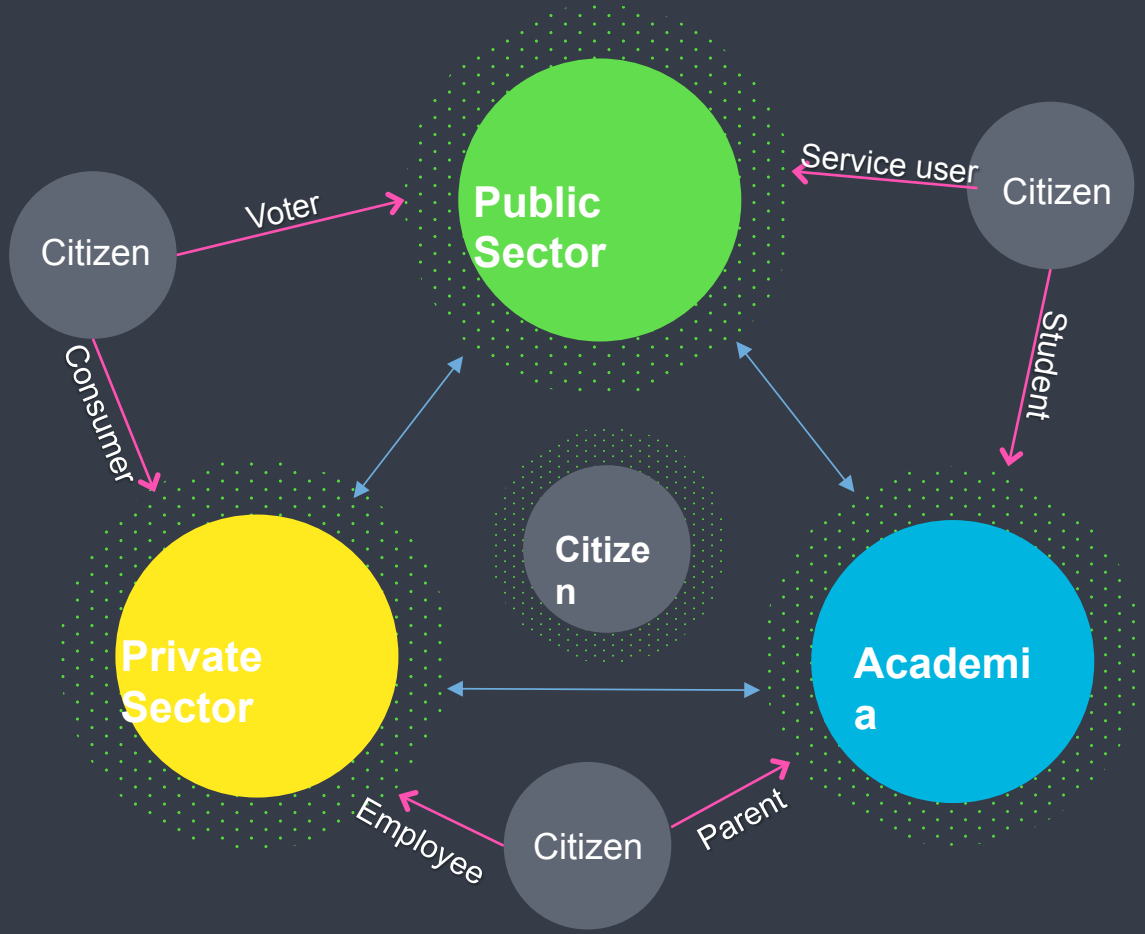
# Policy


Policy Change
Active Consumption
Knowing where you fit into the system
The "Nega-Watt"
Shared Community
GPS
Individuals with a shared goal
Citizen Sensing / Science
GPS Asthma Tracking
Bike Sensor Networks
LOW CARB- ON TIME!
3 "ACTIVE" CITIZENSHIP
Benefits the individual
City Mapper Filters
"Data Spectatorship"
Tools to avoid Harm
Public Opinion
2 "REACTIVE" CITIZENSHIP
1 REVEALING THE PROBLEM

# Human Centered **Smart Cities**

# The triple & quadruple helix



"focus of our concern for cities… is shifting from a focus on space to one on time. The bias has been to immediate solutions to existing problems" (Batty, 2016: 324)