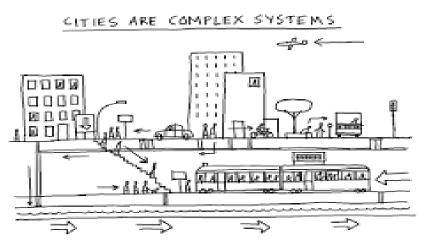




City Challenges





... AND THEY'RE MADE OUT OF PEOPLE



City challenges – Urban Sciences







Joint Research Unit in Urban Sciences



- Consortium of Universities, Industries and (city) Government
- Promoting innovation transfer of technology and knowledge
- Synergy between researchers, developers and end-users



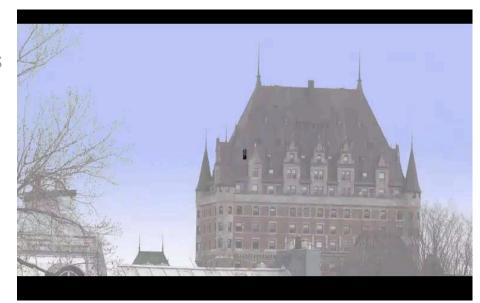




Joint Research Unit in Urban Sciences



- Consortium of Universities, Industries and Government
- Promoting innovation transfer of technology and knowledge
- Synergy between researchers, developers and end-users





Québec – Urban lab







Quebec Techno Park – Catalyst







Smart Campus









Thales – Smart City Experience







Network of SMEs

































Co-construction and innovation



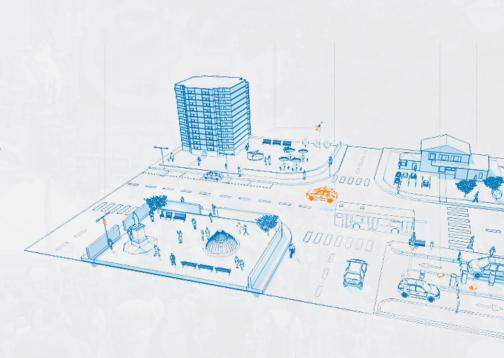




Efficience and Fluidity



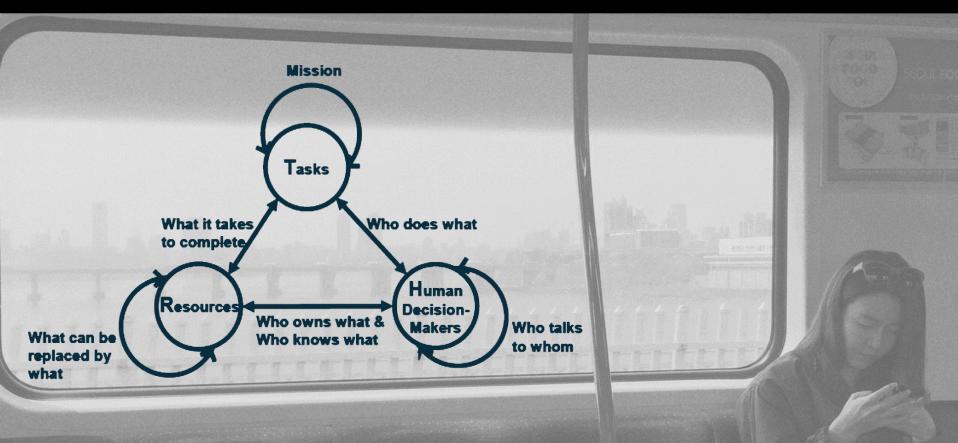
- Optimization of city logistics: From sustainable mobility to security;
- Smart resources management: Energy,
 Water, Space and Infrastructure;
- Improve governance: decision-making, policy making and planning;
- Development of new solutions from a citizen perspective





Socio-Technical Approach







Digital Age, Big Data and Intelligence







R&D Projects





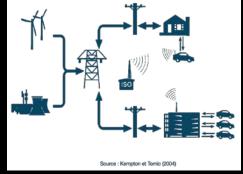
















Roles of the Joint Research Unit



- Breaking down the Silos
- Mobility of Highly Qualified Personnel
- Attractor of Talent
- Leadership from large Cities transfer to Regions
- Scalability: Campus city within the city

Openness: From data sharing to collaboration





