



Manor Group

City Innovation Partnership

Best available sustainable city solutions to create new jobs, investment opportunities and a sustainable market economy





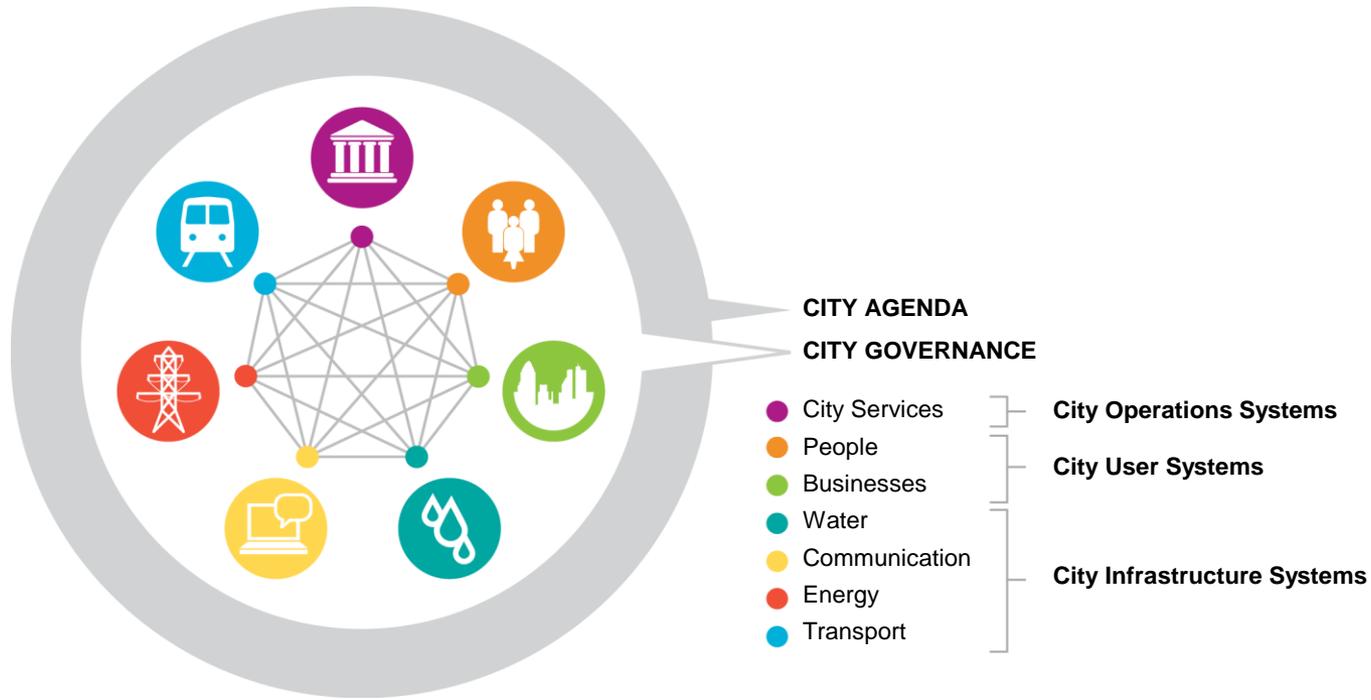
A planet of cities

In 2007, for the first time in history, the majority of the world's population — 3.3 billion people — lived in cities. By 2050, city dwellers are expected to make up 70% of Earth's total population, or 6.4 billion people.





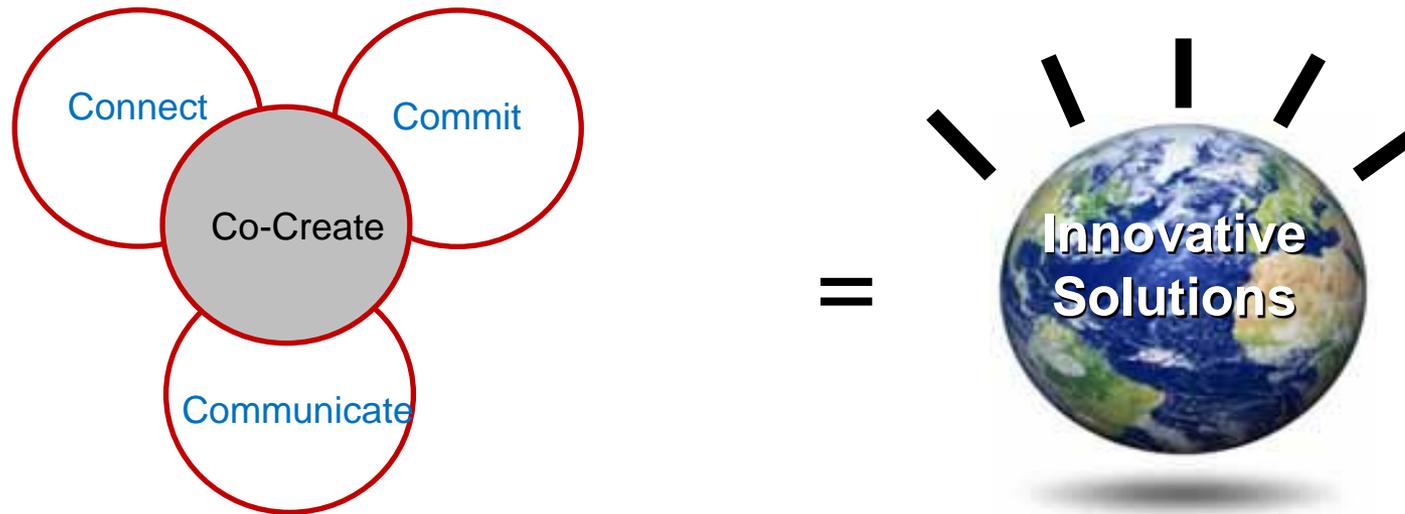
The city is a microcosm of the major challenges and opportunities facing the planet today—intensified and accelerated. Cities require innovative solutions



OECD estimates \$71 trillion, or about 3.5 percent of the global GDP, is needed through 2030 to improve the basic infrastructure of the cities including road, rail, telecoms, electricity and water infrastructure



'Innovative' solutions are connected, committed, communicated and co-created



Connect = Mapping new global opportunities and solutions

Commit = Creating new arenas of growth and development

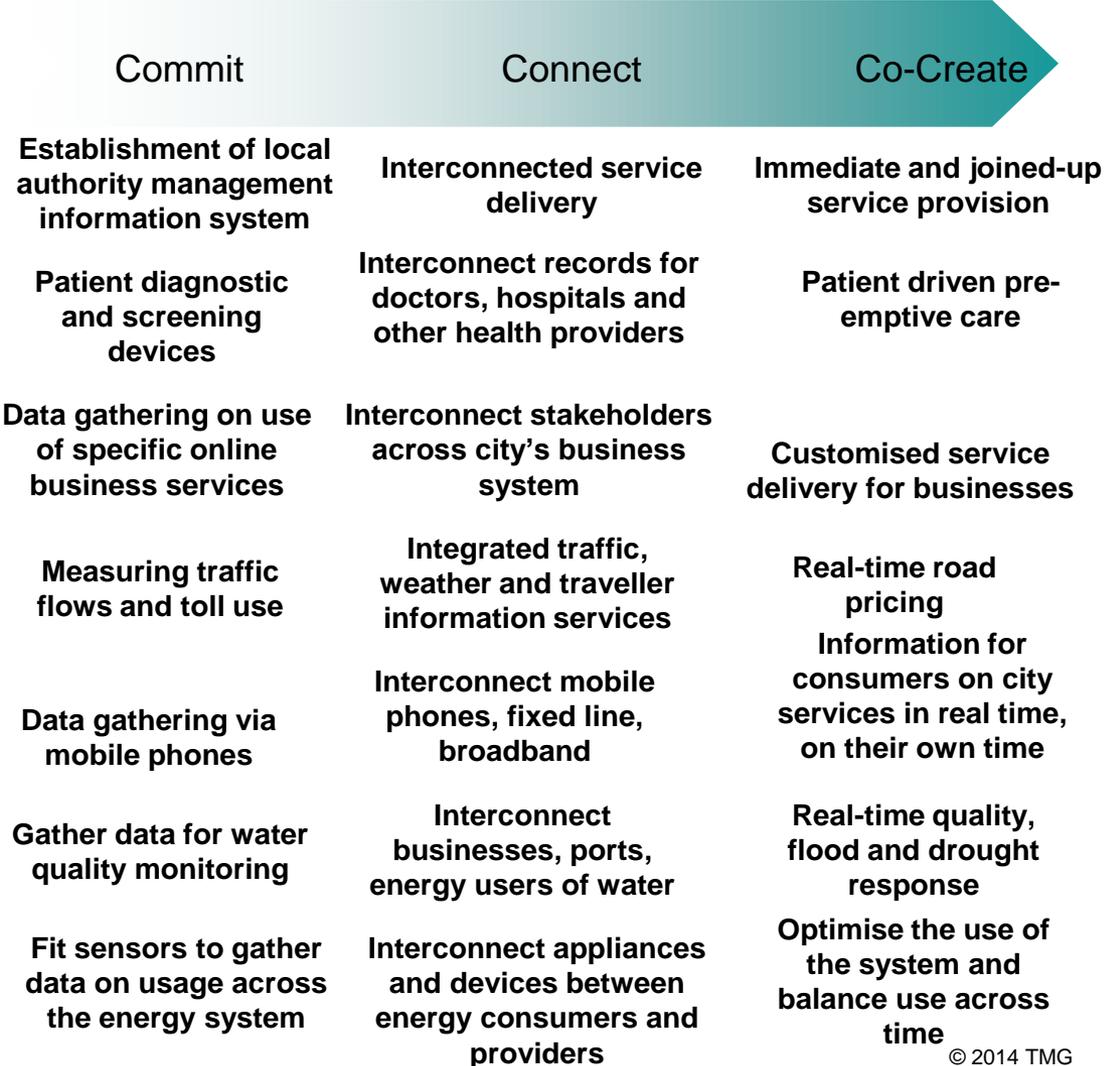
Communicate = Demonstrate the benefits of a new value driven economy

Co-Create = Co-create a collaborative market space



Each core system can be made 'innovative sustainable solution'

System	Elements
City services	<ul style="list-style-type: none"> Public service management Local government administration
People	<ul style="list-style-type: none"> Health and education Public safety Government services
Business	<ul style="list-style-type: none"> Business environment Administrative burdens
Transport	<ul style="list-style-type: none"> Cars, roads Public transport Airports, seaports
Communication	<ul style="list-style-type: none"> Broadband, wireless Phones, computers
Water	<ul style="list-style-type: none"> Sanitation Freshwater supplies Seawater
Energy	<ul style="list-style-type: none"> Oil, gas Renewable Nuclear





Roadmap

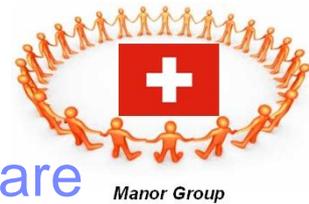
1. Develop
city's long-term strategy

5. Discover
new opportunities for growth
and optimization

2. Prioritize
a few high-value projects

4. Optimize
services and operations

3. Integrate
across your systems



Strategy Development requires understanding where you are today (challenges), and which improvements are needed

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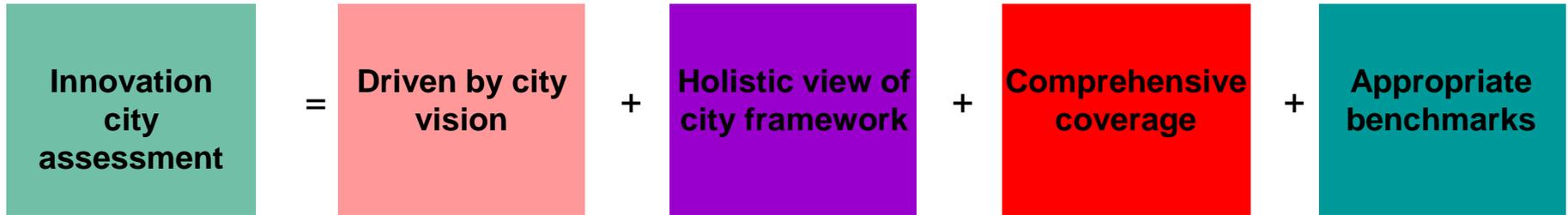
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Assessment is guided by four key principles

- Driven by city vision
- Provide a holistic view of the city framework
- Have comprehensive coverage of the transformation of each system
- Benchmark against relevant peer cities





Holistic and comprehensive assessment of each system

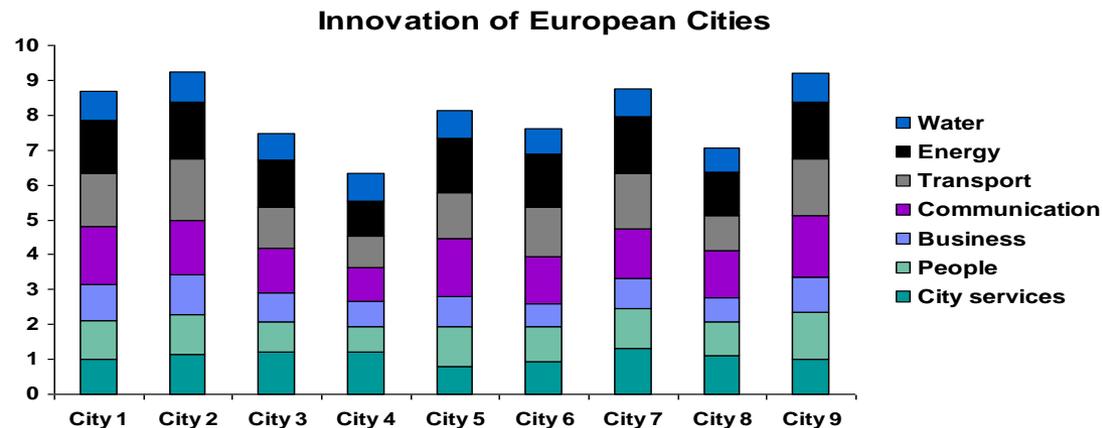
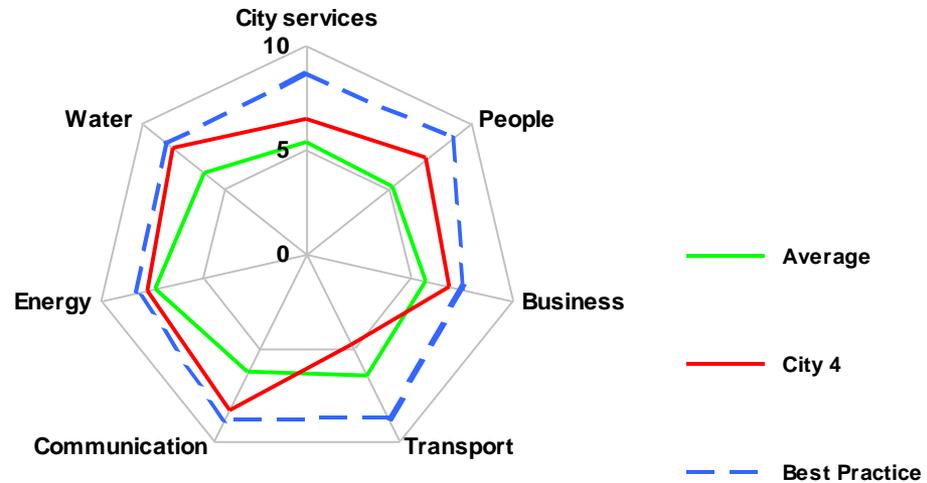
	Prerequisites	Management	Innovative Solutions based on Sustainia 2000+ database	Outcomes
City services	Local government expenditure Local government staff	Coordinated service delivery	E-government Application and use of solutions for service delivery and management	Efficiency and effectiveness of public service delivery
People	Investment in education, health, housing, public safety and social services	Strategic planning and management for skills and health	Application and use for of solutions education and health	Education, health, housing, public safety and social outcomes
Business	Access to finance, administrative burden, barriers to trade, business real estate	Strategic planning and management for business (economic development strategy)	Solutions use by firms E-business	Value added, business creation, innovation, job creation
Communication	Investment in communication infrastructure	Integrated strategic planning for communication system Coordinated regulation of communication system	eCommunication solutions	Communication system quality and accessibility
Transport	Investment in transport infrastructure and public transport. Quality of basic infrastructure.	Integrated strategic planning and performance management for transport	Use of solutions for traffic management	Congestion levels; Accessibility within and to city; Energy intensity of transport system, CO2 emissions from transport
Water	Investment in water infrastructure; Investment in flood defences	Integrated strategic planning and performance management for water	Use of innovative technologies for water management	Water use; Water waste/loss;
Energy	Investment in energy infrastructure	Integrated strategic planning and performance management of energy system	Presence of innovative grids	Energy waste/loss; Reliability of energy supply; Renewable energy; CO2 emissions



Measure and compare the current state of cities on the different systems, separately and connected

Smart Cities Assessment

- Innovative Assessment has been developed on the basis of proven assessment methodologies for assessing sustainable solutions and impact
- ‘measures’ cities’ performance against indicators for each of the Innovative City systems
- Benchmark of a city’s overall capabilities against peer locations, and best sustainable practice
- Identify challenges that cities face and sustainable solutions to their problems





Business Value for Private sector

Public Image

Companies engage to improve their sustainability reputation.

Greater productivity

Selected companies will improve their ability to supply goods and services through the implementation of new sustainable solutions.

Sharing risk and investment

Initiative allows companies, NGOs and government agencies to pool resources and share risks, reducing uncertainty and making the expected return on investment more attractive. The private sector also benefits from the public sector's legal and policymaking powers that minimize the investment's inherent risks.

Unique access and knowledge to cutting edge Sustainable Solutions

Bolstering knowledge and market understanding: working together with the leading Innovation Tanks, selected private sector companies will gain exclusive knowledge and market access to sustainable solutions that have been tested and implemented today.

Working with the leading innovation tanks in the world on sustainable marketplace.

Leading experts and entrepreneurs on sustainability and new innovations.



Four models of Partnership engagements

Coordination

Seek to harmonize policies, objectives, messages and relevant activities among a group of partners. Effective coordination partnership helps produce clarity and consensus on what stakeholders are seeking to achieve and what they need to do to get the job done in building towards a common objective.

Funding

Consolidate financing for a specific solution implementation. Effective funding CIP ensures resources are allocated effectively and strategically and prevent duplication of spending.

Product development

Bring multiple stakeholders together to develop products, services or processes. Pooling investment, sharing risk and combining knowledge and expertise, product development enable successful research and development activities.

Delivery

Combine the on-the-ground capabilities of different partners to deliver products or services. Successful delivery requires a combination of logistical capabilities, infrastructure, local networks, and project management expertise.



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