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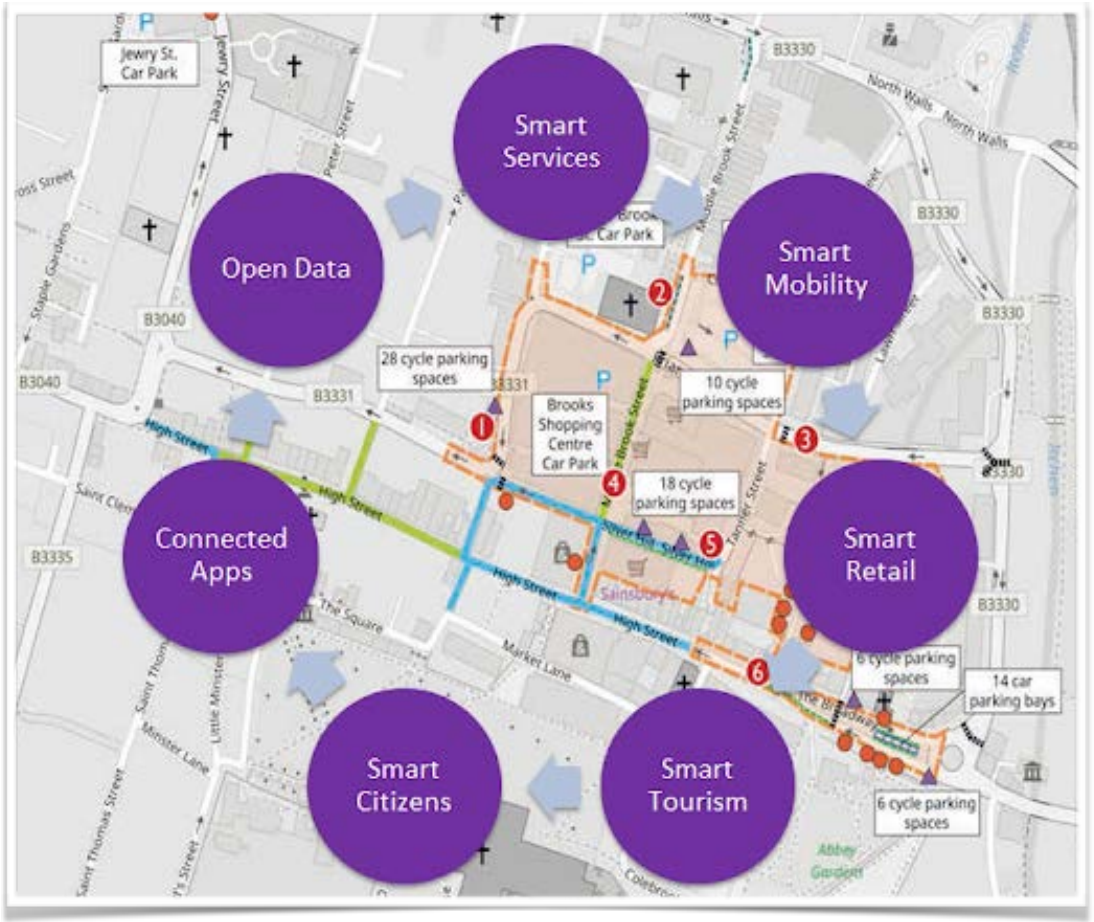
Chris Cooper

British Standards Institute - Smart Cities Consultant

bsi.



From Smart Winchester Project

https://www.kn-i.com/blog/making-smart-cities-smart-the-knownow-role/

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Standards provide a framework to create a joined up, focused and successful programme

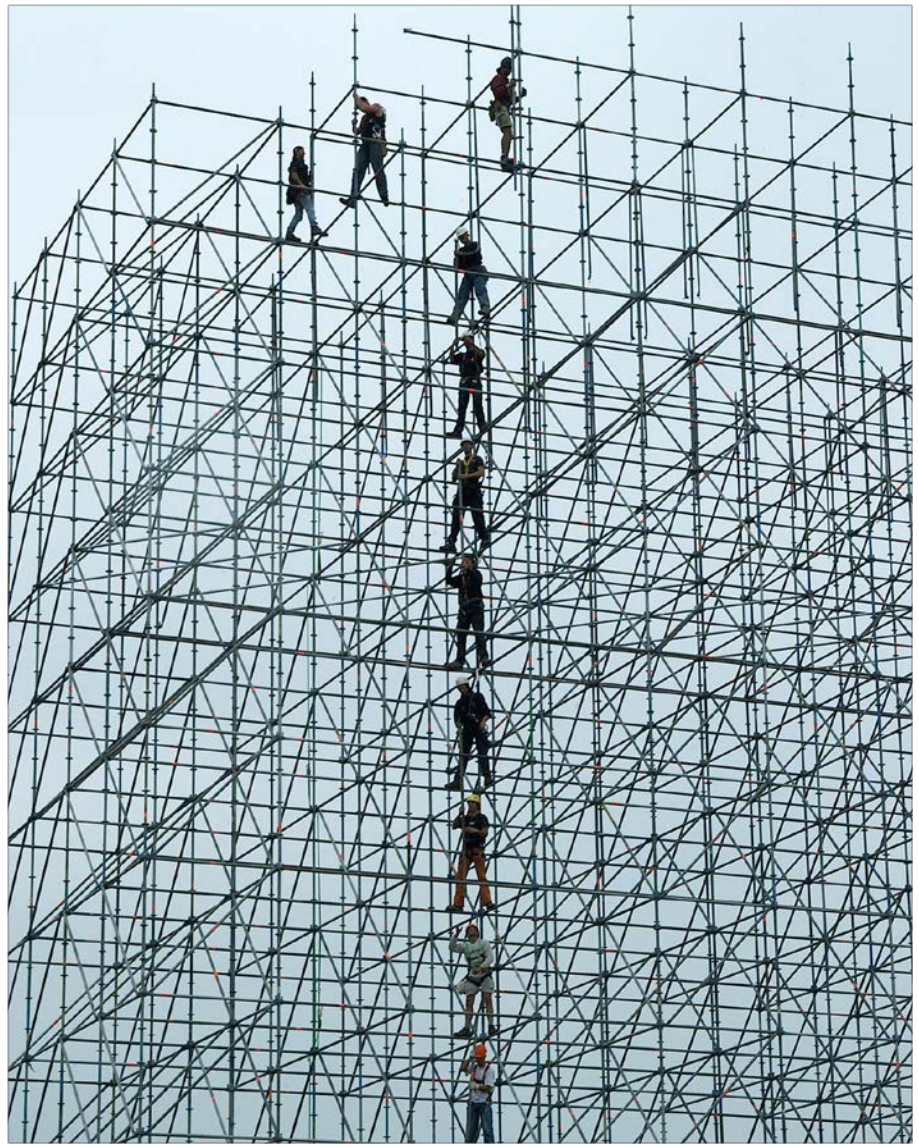

Photo by Bo de Visser - https://freeimages.com/

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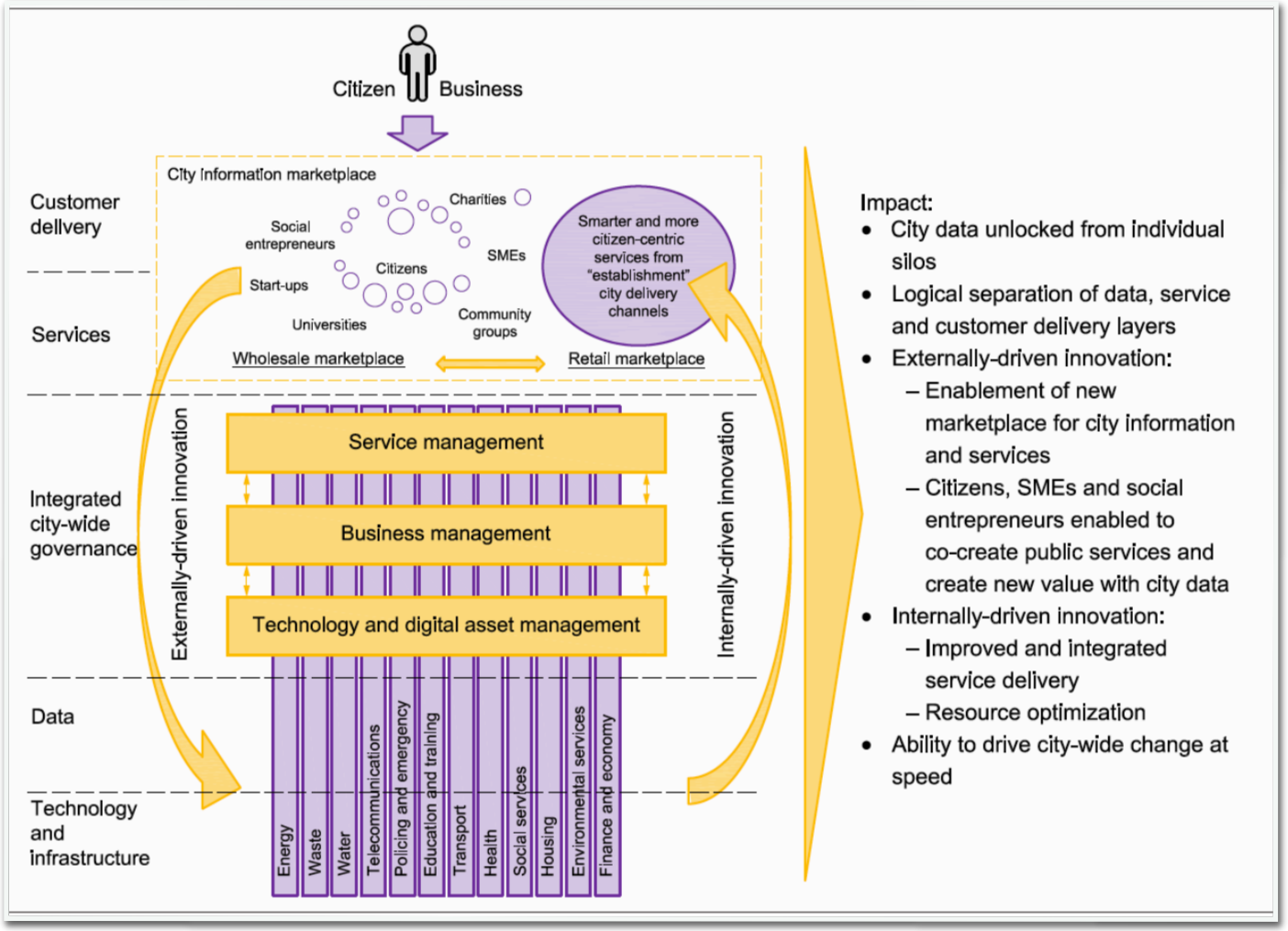
What Does Good Look Like?



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Interoperable

Transparent

Privacy-by-Design

Citizen Centric

Open Data

Outcomes Centric

Governance

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Vision + Principles

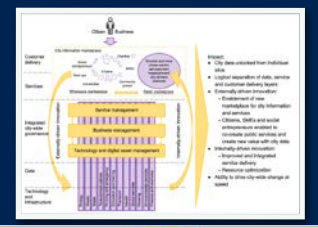
Outcomes *'The SDG's'*

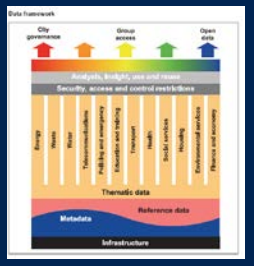
Data

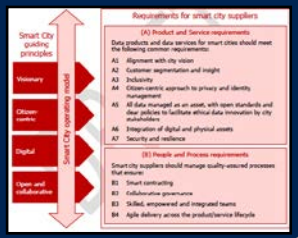
Transformation - *Move out of the Silo*

Governance

Standards







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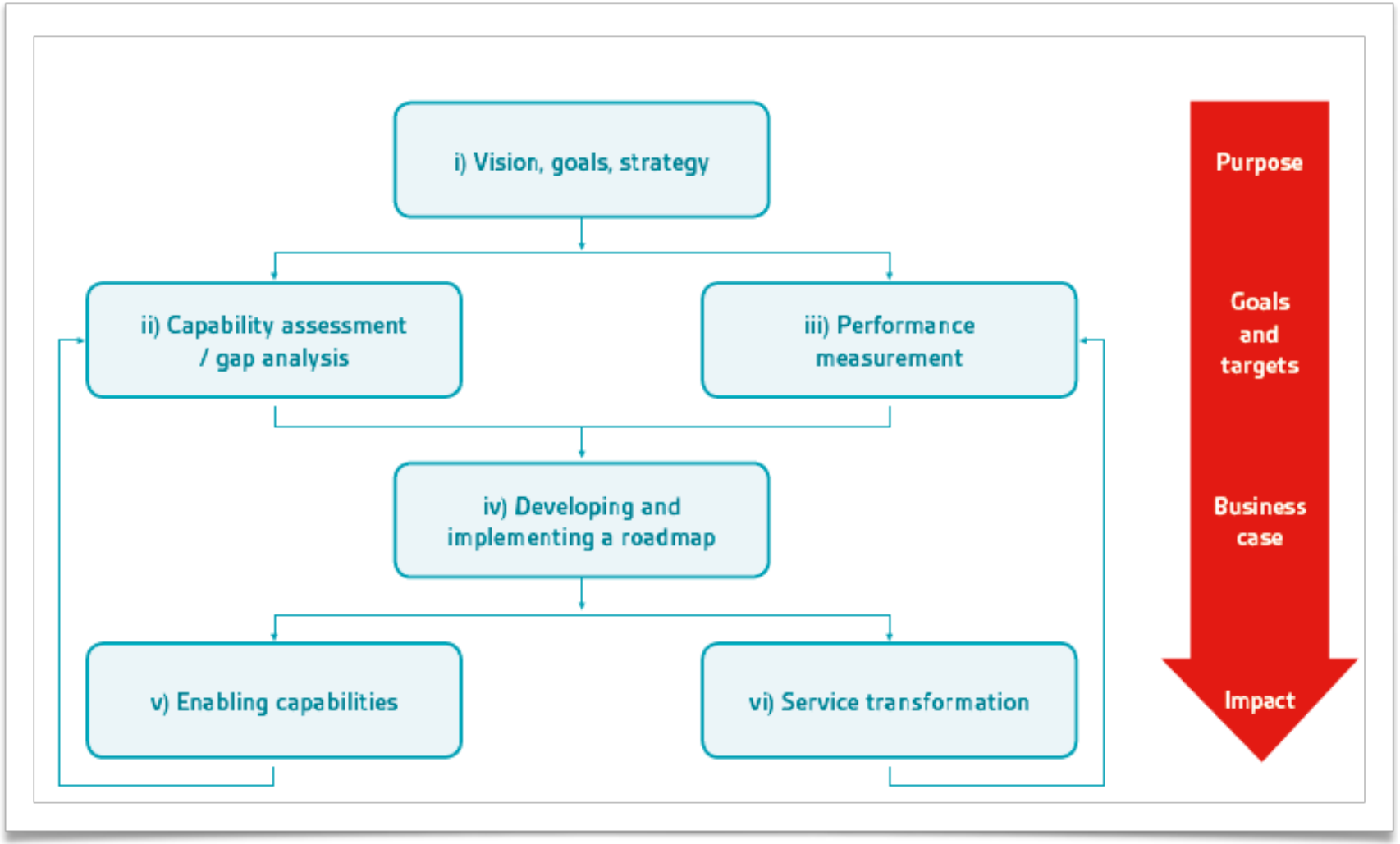
Starts With A Vision



From BSI PD8100

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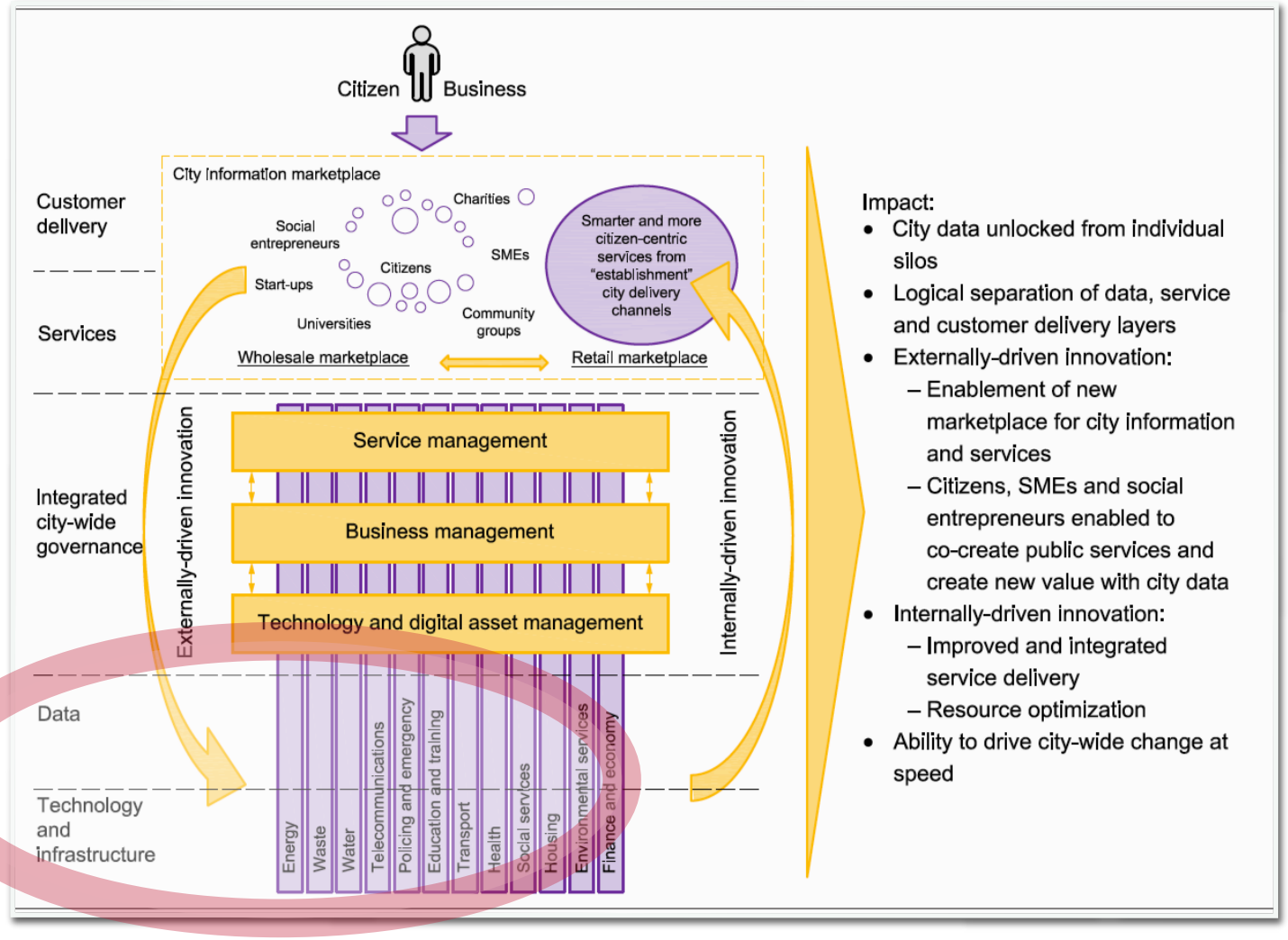
OPEN DATA IS KING



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Define The Outcomes

Sustainable Development Goals

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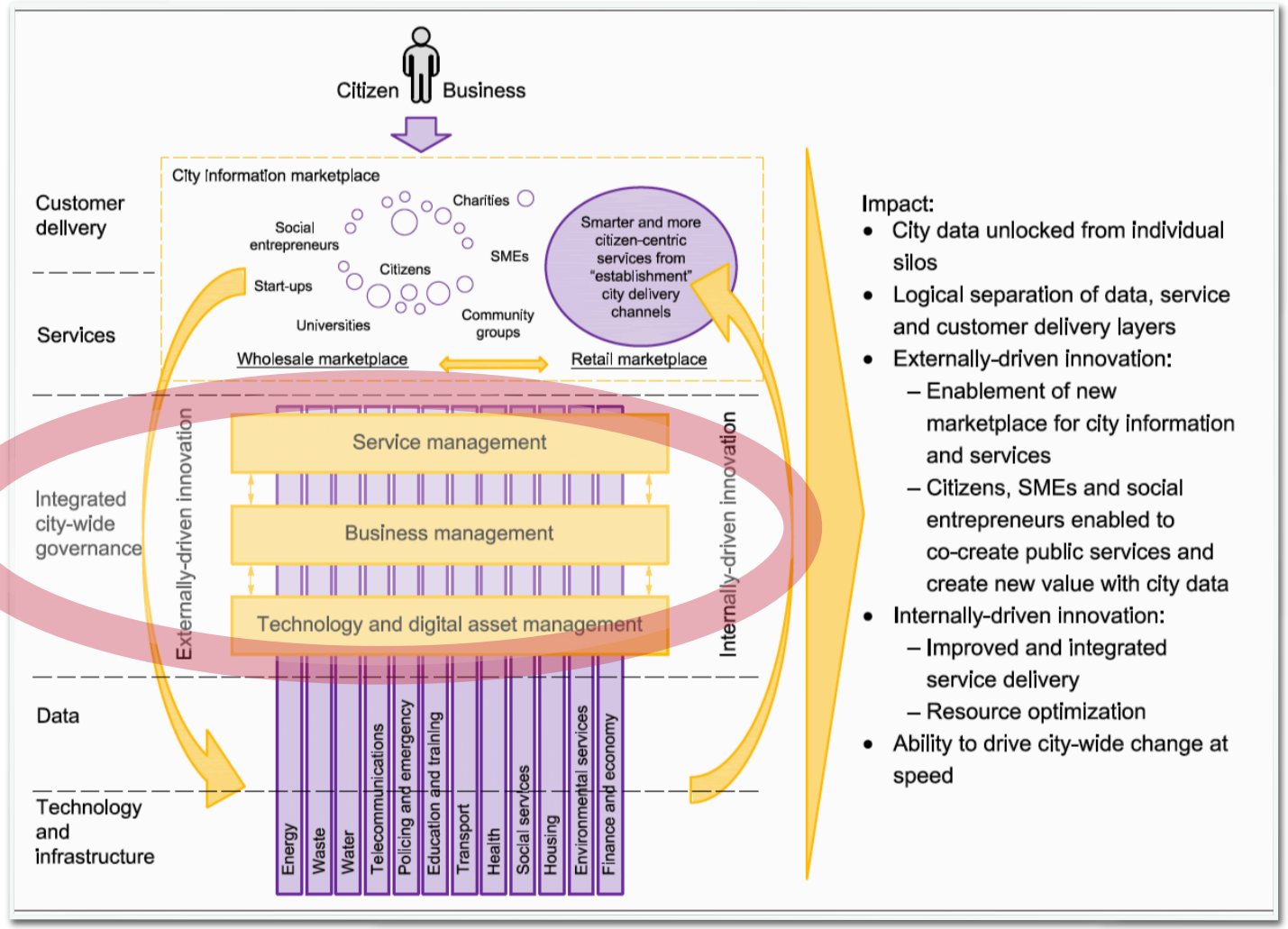
OUTCOMES TO NEW SERVICES



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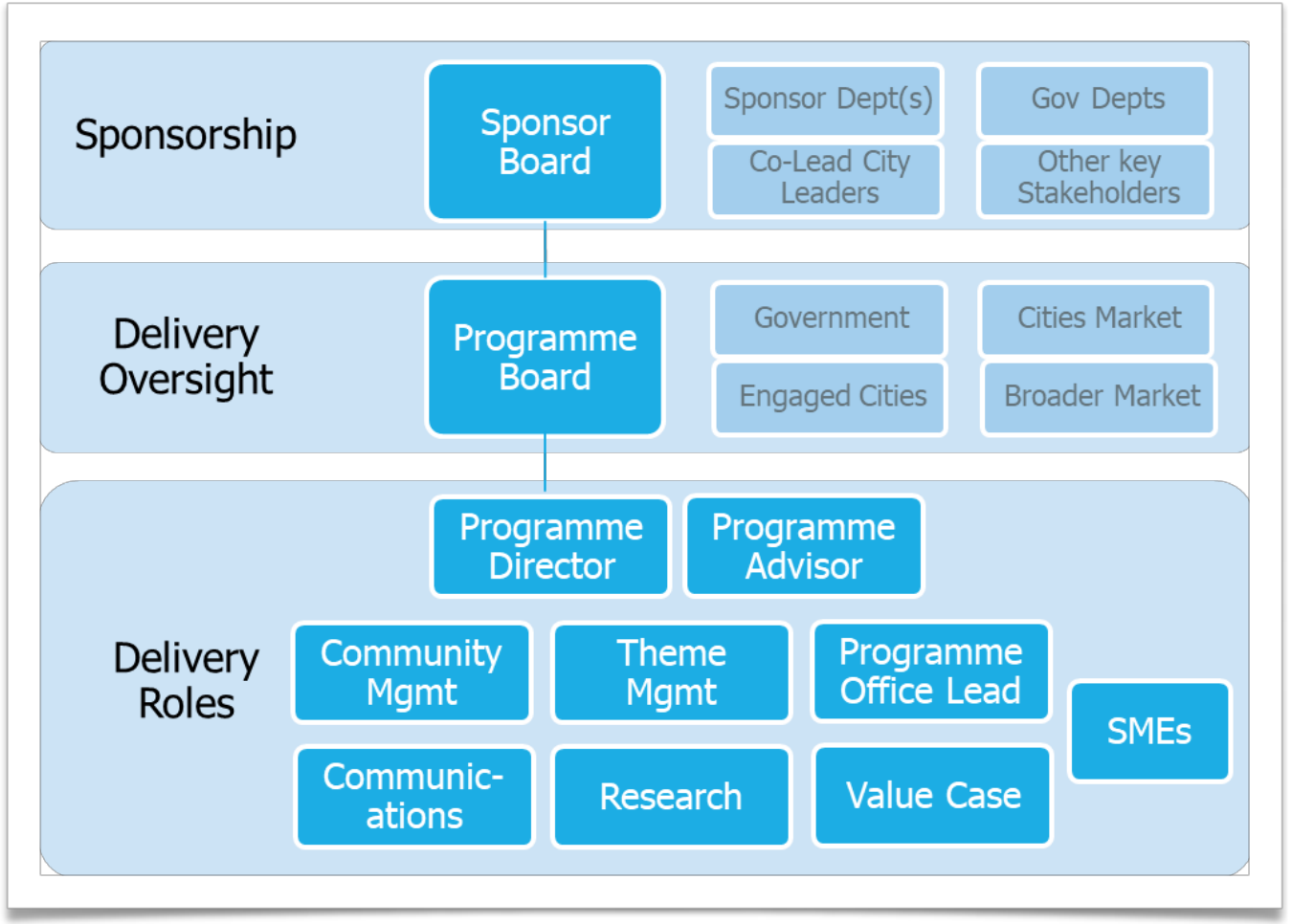
GOVERNANCE

Structured Framework

Transparent

Open Data

Citizen Centric



Taken from BSI Smart Cities Programme Strategic Paper -
Figure 5 - High level Programme Governance Model

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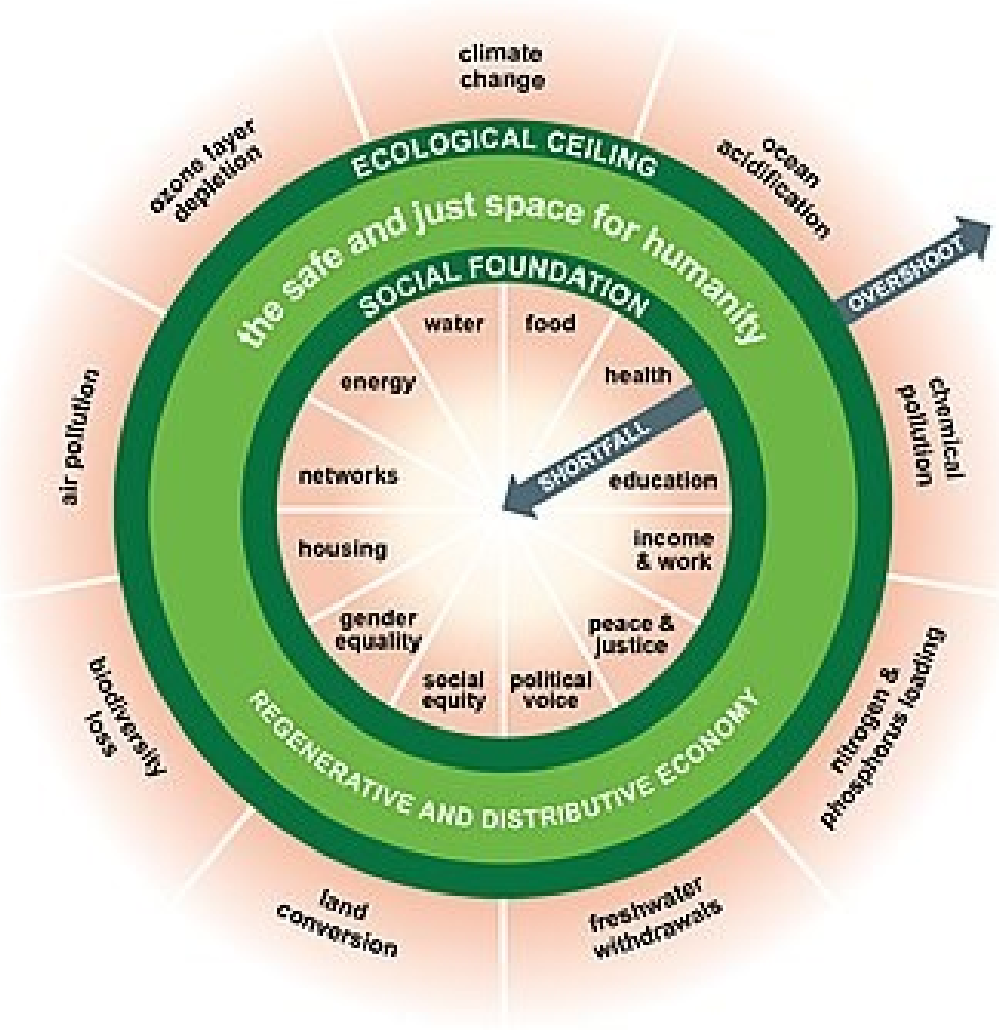
Linking the sustainable development goals to joined up outcomes.



Doughnut Economics: Seven Ways to Think Like a 21st-Century Economist *by Kate Raworth*

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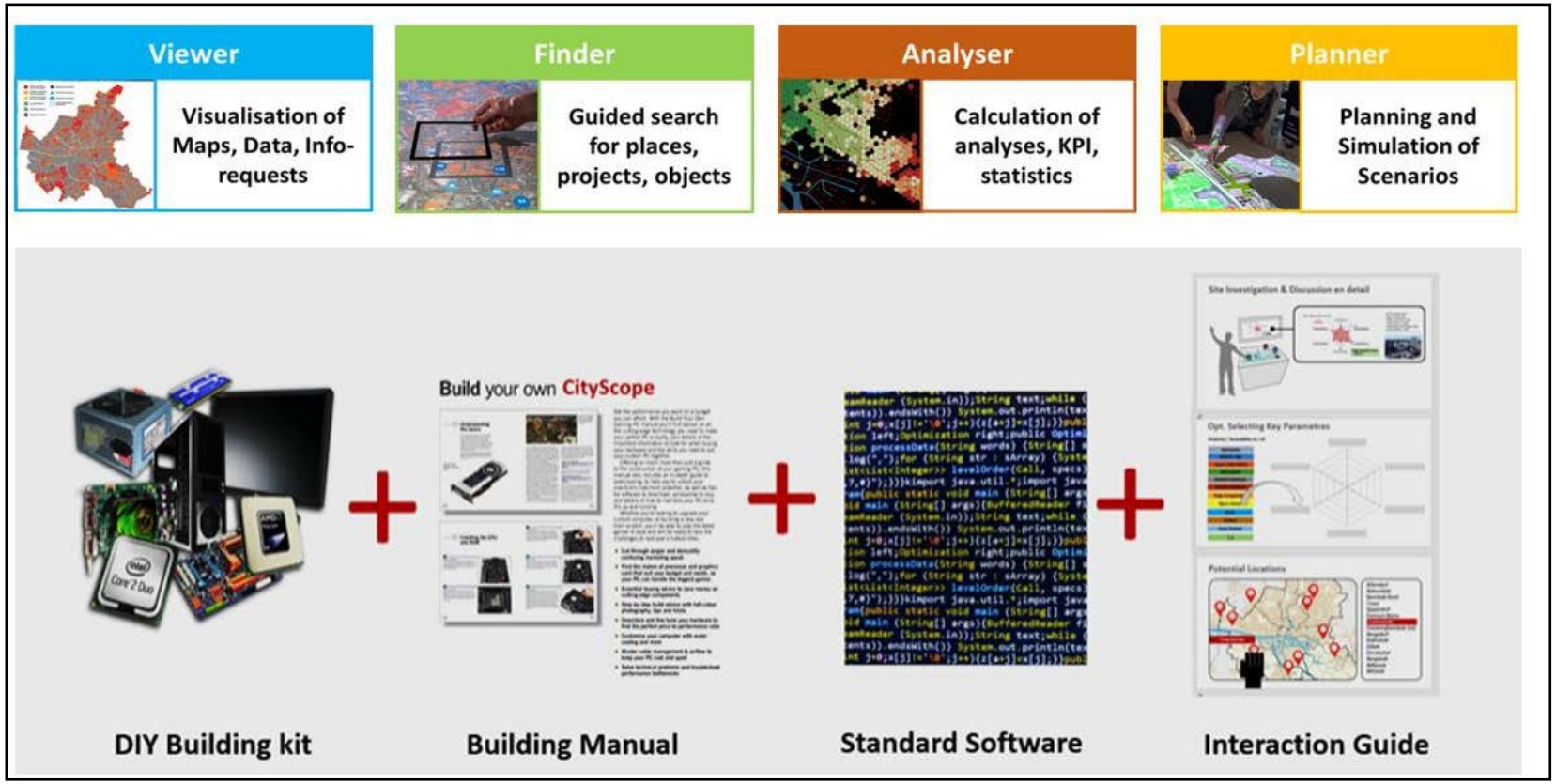
Citizen Centric Labs & Collaboration

The Bristol Approach

Open City Toolkit



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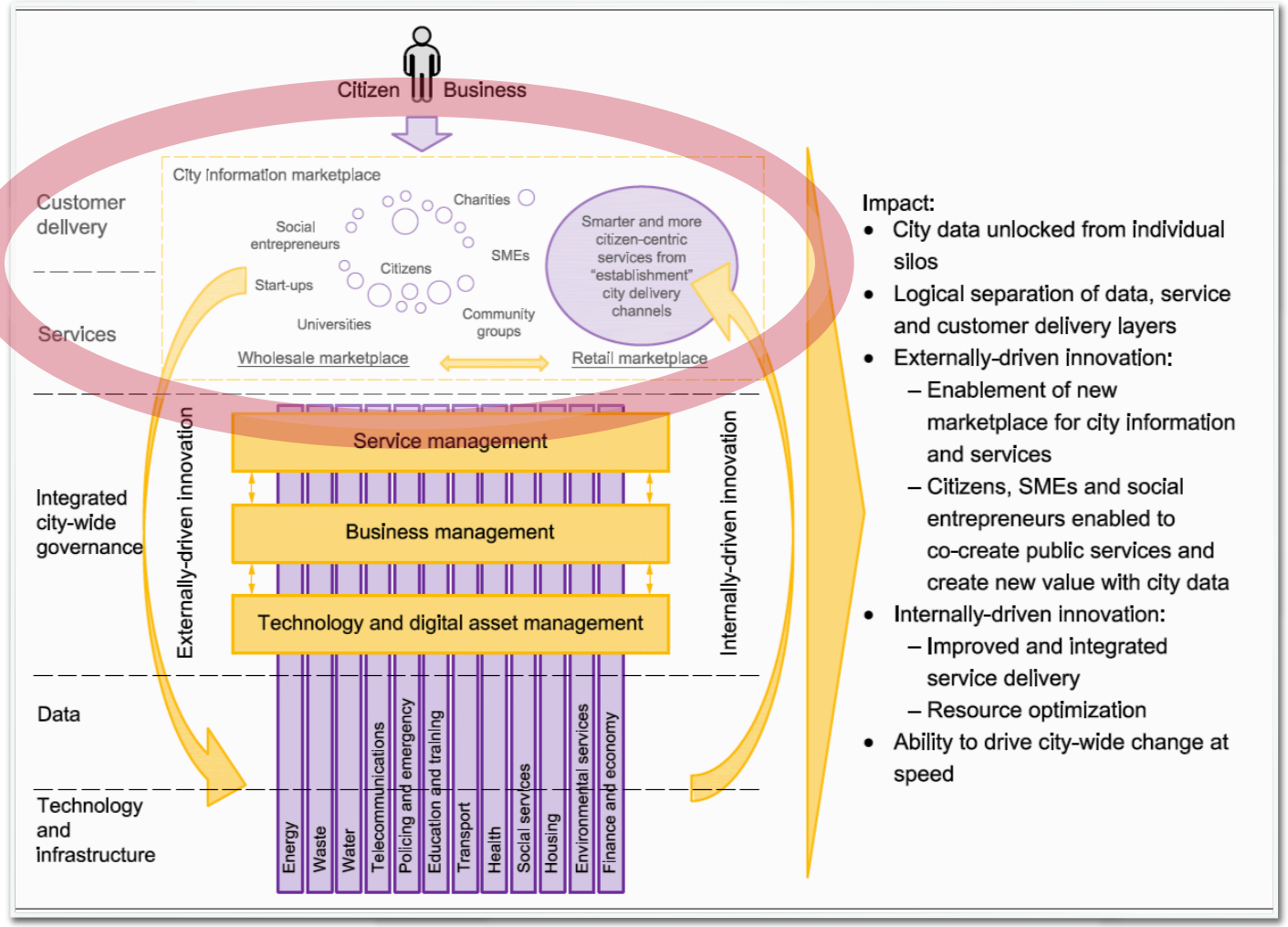
Service Innovation Leads To Transformation



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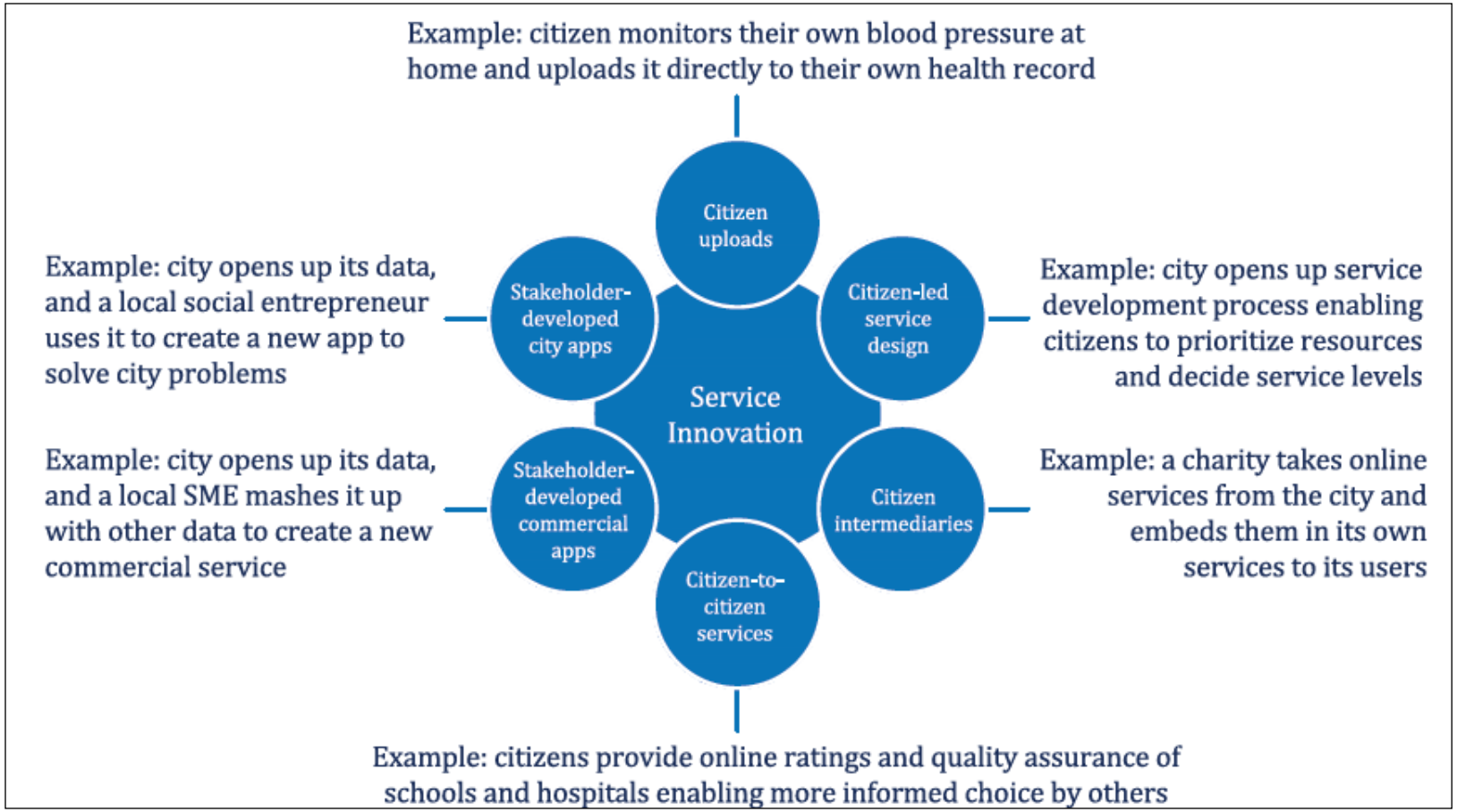
Transformation Via Service Innovation



Taken from ISO37106 - Service innovation through stakeholder empowerment

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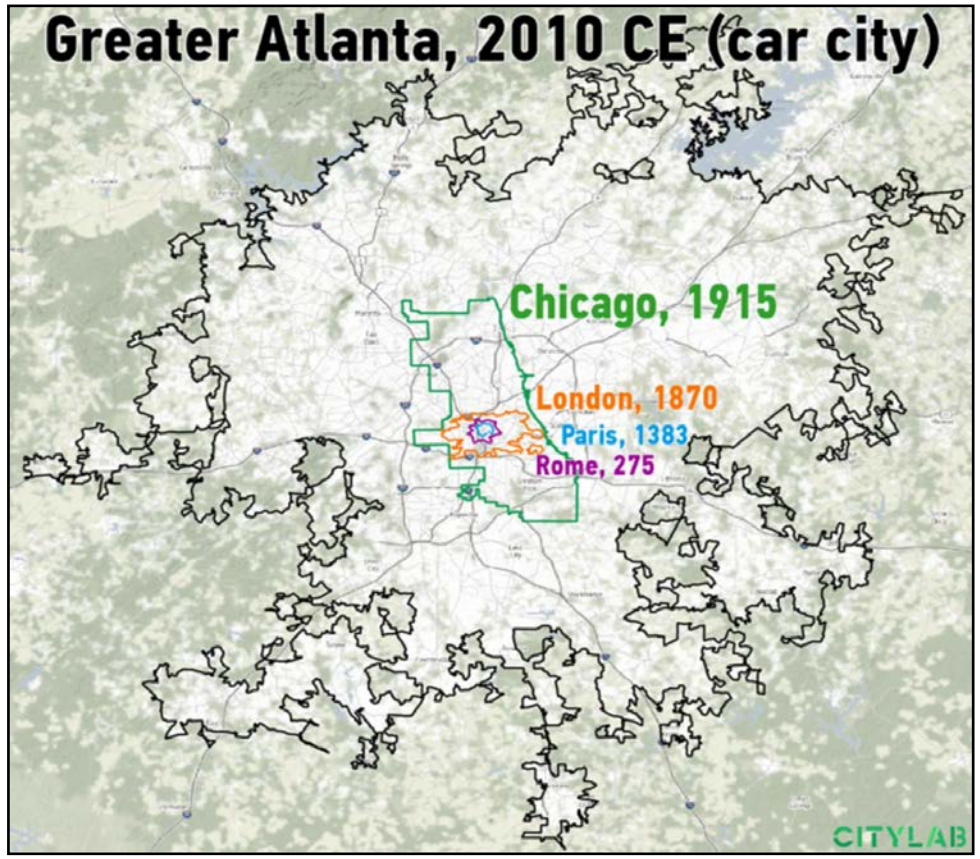
The Future



As transportation got faster, cities got bigger: The borders of Ancient Rome, Medieval Paris, Victorian London, early 20th century Chicago, and modern-day Atlanta.
Map: David Montgomery/CityLab

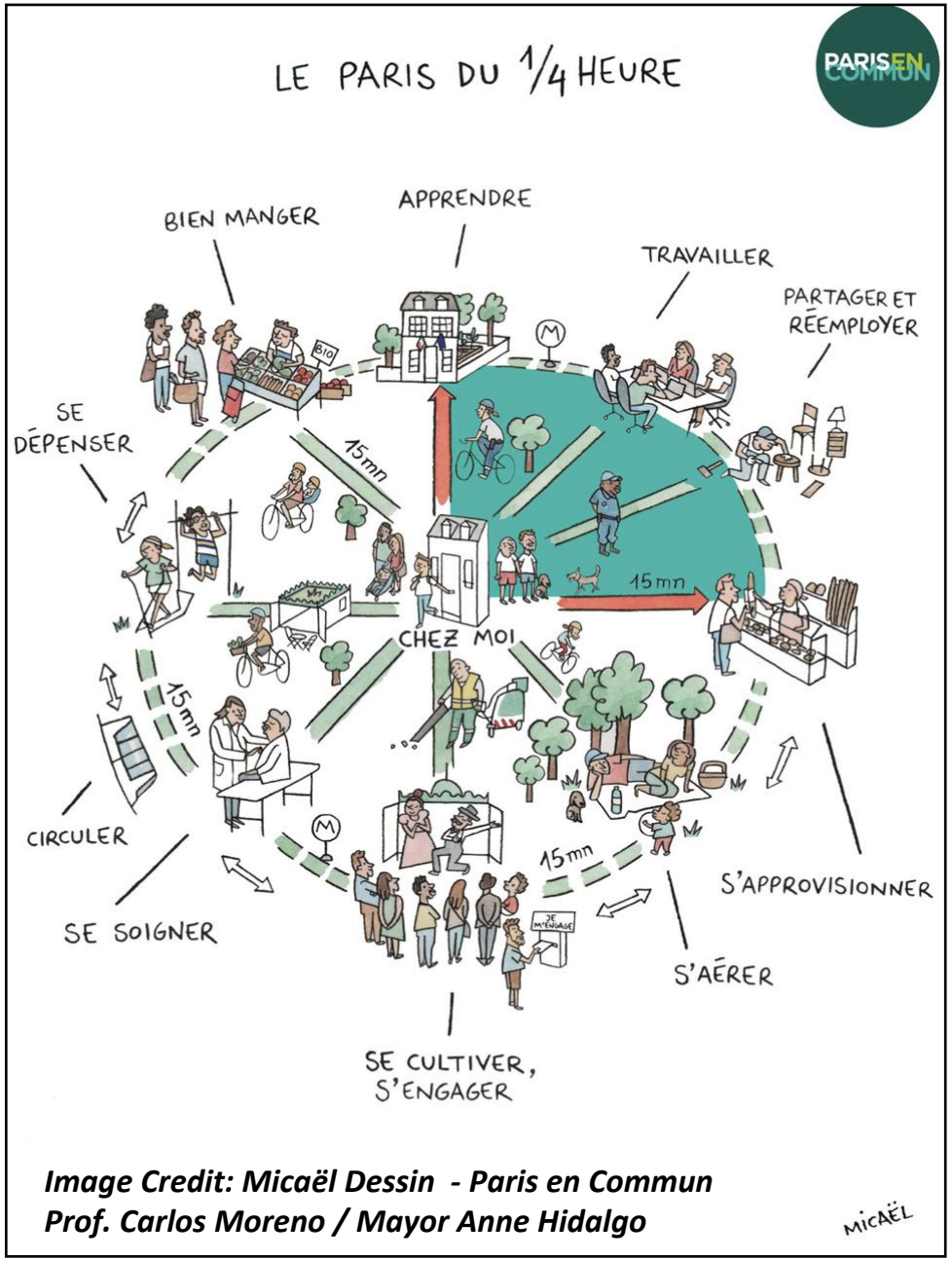


Image Credit: Micaël Dessin - Paris en Commun
Prof. Carlos Moreno / Mayor Anne Hidalgo

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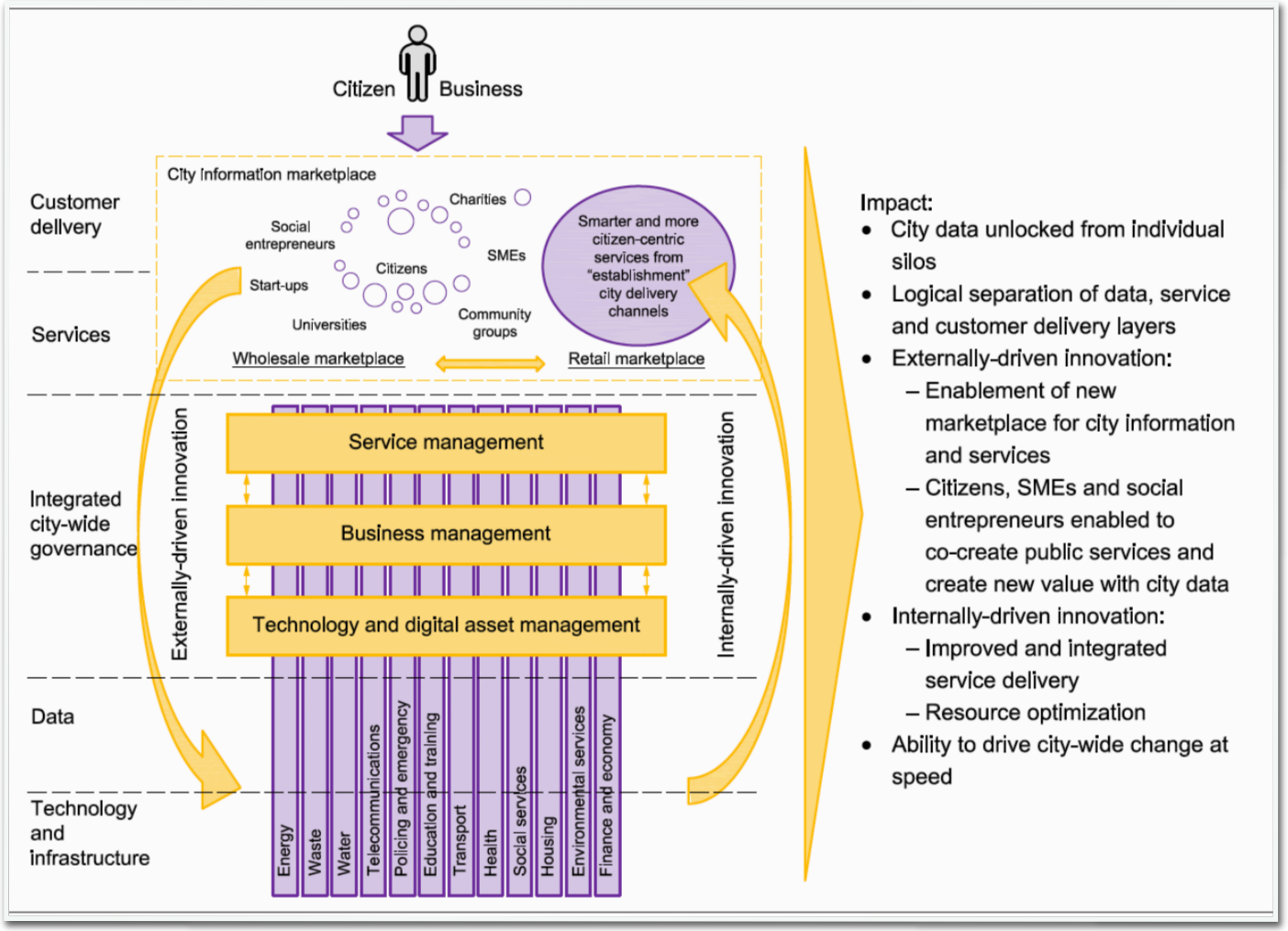
SUCCESS



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Appendix

Standard	Link
PD 8100	https://shop.bsigroup.com/forms/PASs/PD-81002015/
PAS 180	https://shop.bsigroup.com/forms/PASs/PAS-1802014/
ISO37106 / PAS181	https://shop.bsigroup.com/forms/PASs/PAS-18120142/
PAS182	https://shop.bsigroup.com/forms/PASs/PAS-1822014/
PAS 183	https://shop.bsigroup.com/forms/PASs/PAS-1832017-download/
PAS 184	https://www.bsigroup.com/en-GB/our-services/developing-new-standards/Develop-a-PAS/pas-184-thank-you-for-your-interest/
PAS 185	https://shop.bsigroup.com/forms/PASs/PAS-185/
PAS 186	https://shop.bsigroup.com/PAS186
BIM - ISO 19650-5	https://www.bsigroup.com/en-GB/iso-19650-BIM/