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Standards Supporting Evidence Based Design & the Effective Use of Data









Part 1: The role of Standards and the principles underpinning ISO37106





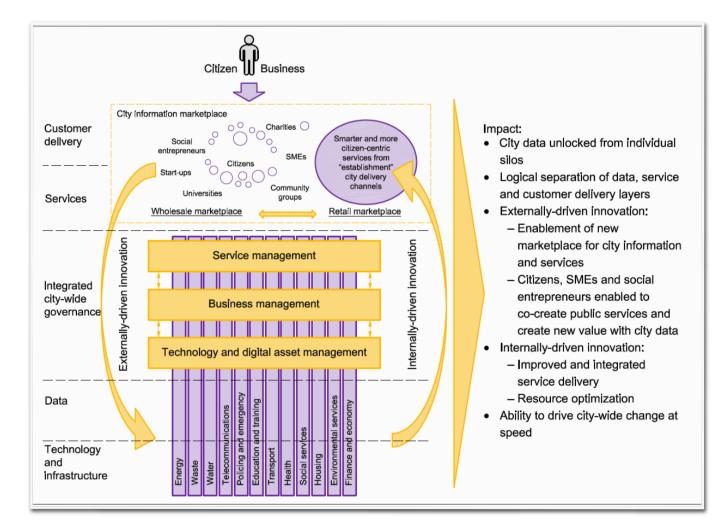


Session 3 Re-cap

Standards

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

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Interoperable

Transparent

Privacy-by-Design

Citizen Centric

Open Data

Outcomes Centric

Governance

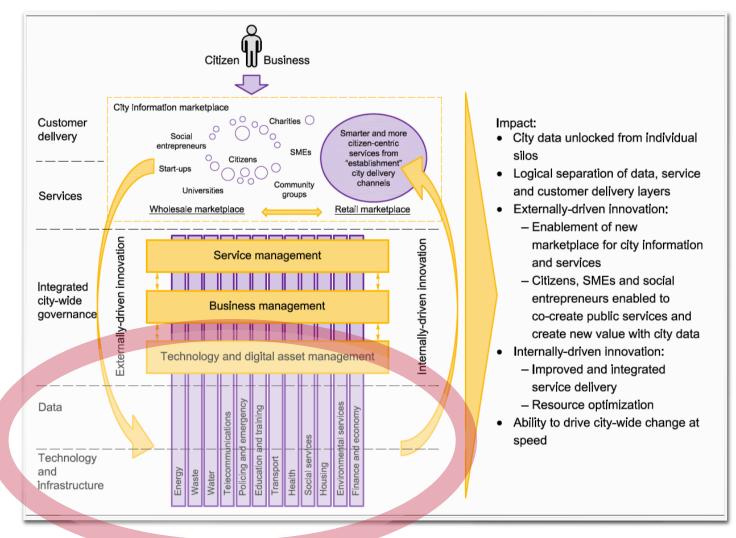
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Outcomes Demand Data.









Define The Outcomes



Sustainable Development Goals



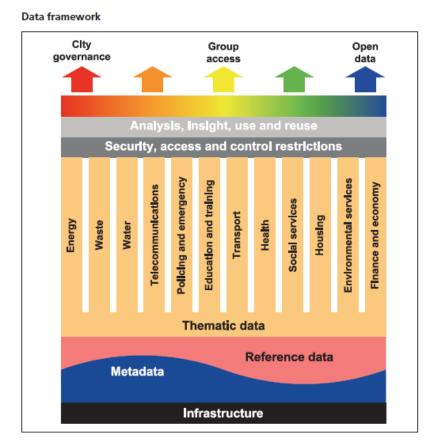


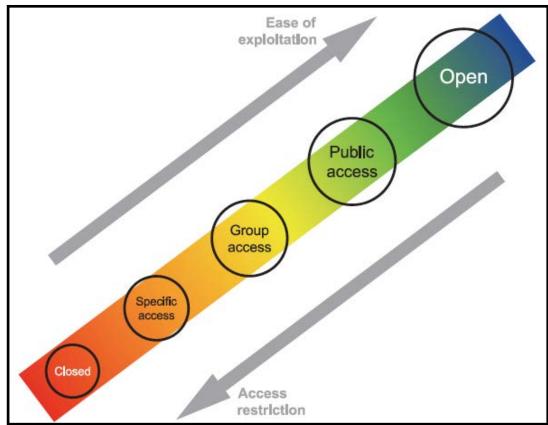




Organising Data

Guide to establishing a decision-making framework for sharing data and information services via PAS183













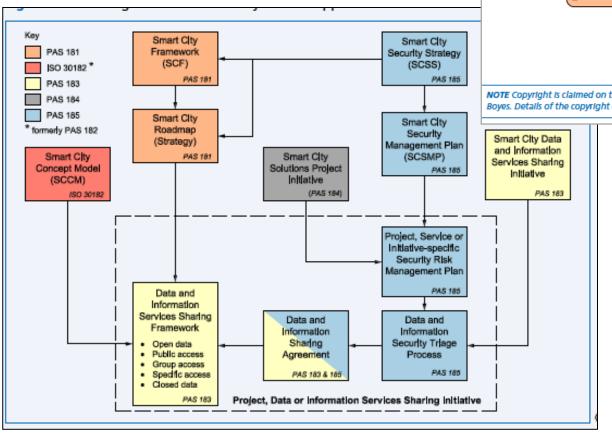
Part 2: Citizen centric design plus other related Standards







Pervasive Security



Confidential ity

Integrity

Integrity

Integrity

Availability

Including reliability)

Safety

Safety

Operational and assess

Authenticity

Resilience

Possession

Controlling access
and system operations

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Specification for establishing and implementing a security-minded approach with PAS185

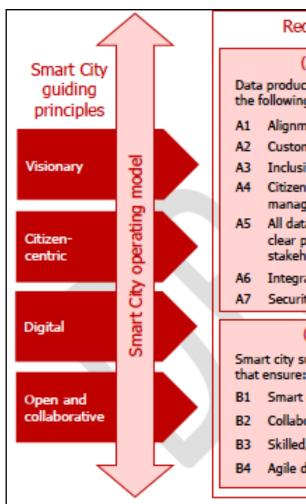






Safe Data Collection

Supplying data products and services for smart communities – Code of practice - PAS186



Requirements for smart city suppliers

(A) Product and Service requirements

Data products and data services for smart cities should meet the following common requirements:

- A1 Alignment with city vision
- Customer segmentation and insight
- A3 Inclusivity
- A4 Citizen-centric approach to privacy and identity management
- A5 All data managed as an asset, with open standards and clear policies to facilitate ethical data innovation by city stakeholders
- A6 Integration of digital and physical assets
- A7 Security and resilience

(B) People and Process requirements

Smart city suppliers should manage quality-assured processes that ensure:

- B1 Smart contracting
- B2 Collaborative governance
- Skilled, empowered and integrated teams
- Agile delivery across the product/service lifecycle

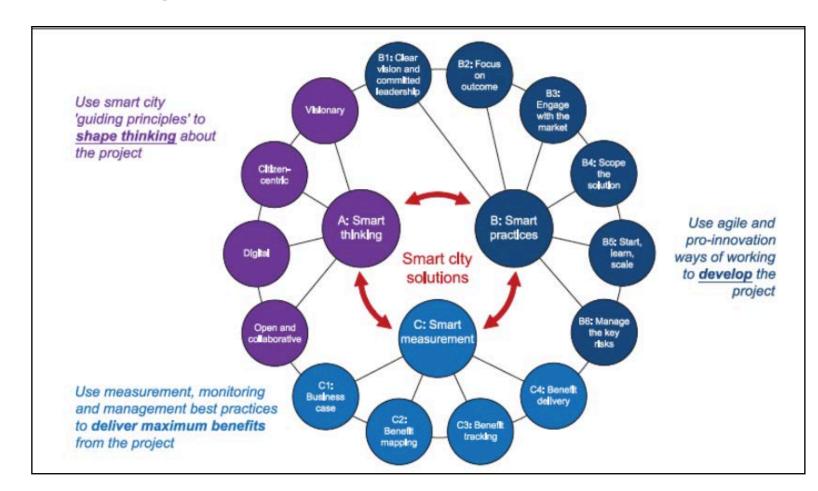






Delivery of Effective Projects

Developing project proposals for delivering smart city solutions assisted by PAS184

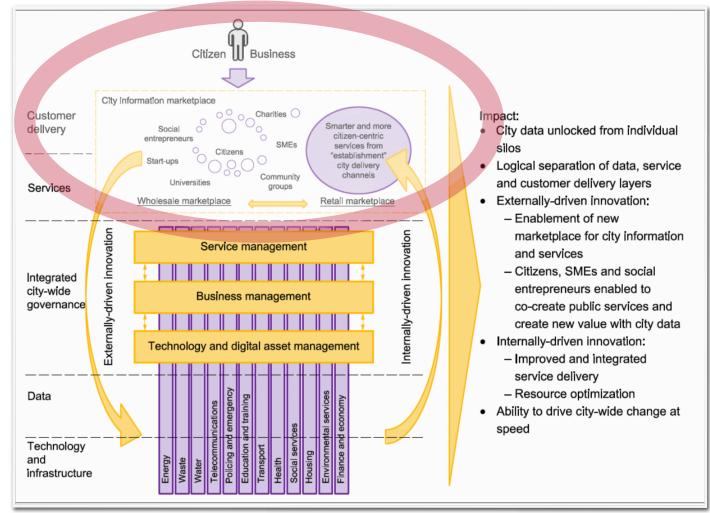








SUCCESS



Interoperable

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Outcomes Centric

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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://shop.bsigroup.com/forms/PASs/PAS-1842017/
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/