Smarter Suffolk

An overview of BSI’s support

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"Coronavirus has fundamentally altered our lives and the role that tech plays within it... it’s turbocharged the digital transformation of almost every part of our days – of our workplaces, our businesses, the way we shop and stay in touch with family, and the way we use public services." Oliver Dowden, secretary of state for Digital, Culture, Media and Sport, 23 June 2020
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- £4.41M R&D project (within £23M ADEPT live labs programme & £6.6B roads maintenance)
- Showcase of competing innovative technologies for LAs
- Evaluating adaptive lighting, 13 types of sensors & 5G infrastructure deployment
- BSI support:
  - Standards centric consultancy
  - Research best practices & standards for sensors & related data services
  - Standards gap analysis
  - Standardisation roadmap
For standards mapping research purposes (not to be considered as a technical design due to the many assumptions made)
• BSI has been creating a trusted framework to shape, share, embed and support innovation, and the safe and reliable adoption of smart cities and communities.

• BSI is participating actively in ISO committees to develop best practice guidance, frameworks and standards to develop holistic citizen-centric services for governance, strategies and action plans going forward.
Portfolio approach to smart city standards
Tools for supporting the development of smart city strategies

- Vision, Goals & Challenges
- Benchmarking
- Define/Set Targets
- Strategy, Policy and Innovation
- Roadmap and Action Plan
- Business Case
- Implement
- Evaluate Performance & Monitor

Strategic

- PD 8100 – Smart cities maturity
- BS ISO 37120 - Indicators
- PD 8101 – Smart city planning guidelines
- BS ISO 37101 & BS ISO 37104 – Sustainable City Management System
- PAS 181 – Smart city framework/ISO 37106
- PD 8100
- ISO 37101/104
- PAS 181

Process

- BS 6700 – City Resilience
- PAS 183 – Smart cities guide for data sharing & information services
- PAS 184 – Developing project proposals
- PAS 185 – Smart cities – a security minded approach
- PAS 186 – Smart cities – supplying data products and services

Technical

- PAS 182 – Smart city data concept model/ISO IEC 30182
- PAS 212 – Automatic resource discovery for IoT

Key

- Enablers
- Data

PAS = Publicly Available Specification
PD = Published Document
BS = British Standard
ISO = International Standard
Thank you

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